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## SUPPLEMENTS COVERED IN THIS INDEX

<i>Document</i>	<i>Page Range</i>	<i>Date</i>	<i>Coverage</i>
NASA SP-7037(158)	1-74	February 1983	January 1983
NASA SP-7037(159)	75-125	March 1983	February 1983
NASA SP-7037(160)	127-184	April 1983	March 1983
NASA SP-7037(161)	185-239	May 1983	April 1983
NASA SP-7037(162)	241-310	June 1983	May 1983
NASA SP-7037(163)	311-369	July 1983	June 1983
NASA SP-7037(164)	371-413	August 1983	July 1983
NASA SP-7037(165)	415-487	September 1983	August 1983
NASA SP-7037(166)	489-574	October 1983	September 1983
NASA SP-7037(167)	575-655	November 1983	October 1983
NASA SP-7037(168)	657-708	December 1983	November 1983
NASA SP-7037(169)	709-771	January 1984	December 1983



## **SPECIAL NOTICE**

The abstract sections of the monthly supplements of *Aeronautical Engineering* can be bound separately. Individual abstracts can be located readily by means of the page numbers given at each entry, e g , p 0444 N83-33515. To assist the user in binding Supplements SP-7037(158) through SP-7037(169), a title page is included in the back of this Cumulative Index.



**NASA SP-7037(170)**

**A CUMULATIVE INDEX  
TO  
A CONTINUING BIBLIOGRAPHY ON  
  
AERONAUTICAL ENGINEERING**

This Cumulative Index supersedes the indexes contained in supplements [SP-7037(158) through SP-7037(169)] published by NASA during 1983.



This index is available as NTISUB/141/093 from the National Technical Information Service (NTIS), Springfield, Virginia 22161 at the price code of \$10.00 domestic; \$20.00 foreign.



# INTRODUCTION

## WHAT THIS CUMULATIVE INDEX IS

This publication is a cumulative index to the abstracts contained in NASA SP-7037(158) through NASA SP-7037(169) of *Aeronautical Engineering: A Continuing Bibliography*, NASA SP-7037, and its supplements have been compiled through the cooperative efforts of the cooperative efforts of the American Institute of Aeronautics and Astronautics (AIAA), and the National Aeronautics and Space Administration (NASA). Entries prepared by the two contributing organizations are identified as follows:

- 1 NASA entries by their *STAR* accession numbers (N83-10000 series)
- 2 AIAA entries by their *IAA* accession numbers (A83-10000 series).

## HOW THIS CUMULATIVE INDEX IS ORGANIZED

This Cumulative Index includes a subject, personal author, and corporate source index

## HOW TO USE THE SUBJECT INDEX

Two types of cross-references appear in the subject index

1. Use (U) references indicate that the subject term is not "postable," i.e., not a valid term, and that the following term or terms are used instead. For example:

AIRCRAFT PROTUBERANCES

U PROTUBERANCES

FLIGHT PERFORMANCE

U FLIGHT CHARACTERISTICS

2. Narrower Term (NT) references refer the user to more specific headings in the same subject area, under which additional material on the subject may be found. For example:

FLOW RESISTANCE

NT AERODYNAMIC DRAG

NT FRICTION DRAG

NT SUPERSONIC DRAG

In addition, a searcher may use the title or title and title extension in the index to narrow further his quest for particular items, this is because subject terms can readily include more than one class of document. For example:

AIRLINE OPERATIONS

All-weather operations, including pilot role, instrument landing systems and guidance aids

Airport congestion as constraint on air travel, considering runway capacity and adjusted demand.

illustrates a case where two references on different topics are listed under the same subject term

## HOW TO USE THE PERSONAL AUTHOR INDEX

All personal authors used in the abstract-section citations in the individual Supplements appear in the index. Differences in translation schemes may require multiple searching of the index for variants of an author's name. For example:

EMELIANOV, M. D.

and

YEMELYANOV, M. D.



## HOW TO USE THE CORPORATE SOURCE INDEX

The corporate source index entries are abridged versions of the corporate sources used in the abstract-section citations in the individual Supplements. The corporate source supplementary (organizational component) does not appear in the index. For example

BOEING CO , SEATTLE, WASH	MILITARY AIRCRAFT SYSTEMS DIV	(Source citation entry)
BOEING CO , SEATTLE, WASH		(Source index entry)

## HOW TO USE THE CONTRACT NUMBER INDEX

All contract numbers that are identified in the abstract-section citations in the individual Supplements appear in this index. Changes by agencies in the style in which contract numbers are presented may require multiple searching for variants. For example

AF 33(615)-71-C-1758
F33615-71-C-1758

## HOW TO USE THE REPORT/ACCESSION NUMBER INDEX

All report numbers that have been assigned by the corporate source, monitoring agency or cataloging activity appear in this index. Variations in initial cataloging may result in different report number series. For example

TP-924
ONERA-TP-924

## IDENTIFICATION OF DESIRED SUPPLEMENT

The abstract and descriptive cataloging for any accession number selected from the indexes may be found in the appropriate Supplement. The page-number range of each Supplement appears on the inside front cover of this index. Once the range of page numbers containing the selected accession number is located in the second column, the desired Supplement number will be found in the first column. For example

Page 444 will be found in Supplement 165

## AVAILABILITY OF DOCUMENTS

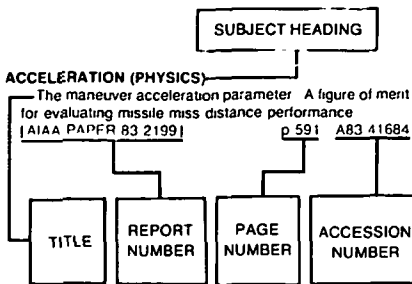
Information concerning the availability of documents announced in *Aeronautical Engineering* supplements is found in the Introduction to the most currently issued supplement

# TABLE OF CONTENTS

	<i>Page</i>
Subject Index .....	A-1
Personal Author Index .....	B-1
Corporate Source Index .....	C-1
Contract Number Index .....	D-1
Report Number Index .....	E-1
Accession Number Index .....	F-1



### Typical Subject Index Listing



The subject heading is a key to the subject content of the document. The title is used to provide a description of the subject matter. When the title is insufficiently descriptive of the document content, the title extension is added, separated from the title by three hyphens. The (NASA or AIAA) accession number and the page number are included in each entry to assist the user in locating the abstract in the abstract section. If applicable, a report number is also included as an aid in identifying the document. Under any one subject heading, the accession numbers are arranged in sequence with the AIAA accession numbers appearing first.

## A

### A-10 AIRCRAFT

- TF/TA by means of integrated FLIR and radar sensors --- terrain following-terrain avoidance displays using forward looking infrared imagery p 36 A83-11240
- A-10 stall/post-stall testing A status update p 47 A83-11808
- Analysis of target coverage for an unstabilized 35 mm panoramic strike camera p 231 A83-22596
- War-time maintenance impact on aircraft availability Quantifying the R&D investment payoff [AIAA PAPER 83-2515] p 711 A83-48359
- Application of active control landing gear technology to the A-10 aircraft [NASA-CR-166104] p 546 A83-27998
- An assessment of the A-10's capability to operate on rough surfaces p 607 A83-30717

### A-300 AIRCRAFT

- Nose-reducing takeoff and landing procedures and the potential for their operational use in the Airbus A300 [DGLR PAPER 82-032] p 247 A83-24158
- Long-term operational testing of CFRP spoilers p 710 A83-47205
- Design, construction, and operation of the calibration model for the DNW wind tunnel p 752 A83-47209
- Method of construction and fabrication procedures for the A300-rudder unit, using a carbon-fiber type of construction p 710 A83-47211
- Results of a quality principle on the MTBF of an equipment developed for the A-300 p 304 A83-20212

### A-6 AIRCRAFT

- The A6E /TRAM/ all-weather weapon system --- Target Recognition and Attack Multisensor p 24 A83-11260

### A-7 AIRCRAFT

- Design and application of a multivariable, digital controller to the A-7D Digitac II aircraft model p 45 A83-11148
- Fatigue life evaluation of the A-7E arresting gear hook shank p 175 A83-13912

- Damage tolerance assessment of the A-7D aircraft structure p 204 A83-21771
- Battle damage and repair of an advanced composite A-7 outer wing p 575 A83-42547
- A7E/TF41 Engine Monitoring System (EMS) [ASME PAPER 83-GT-91] p 739 A83-47938
- Design and Analysis of a multivariable, digital controller for the A-7D Digitac 2 aircraft and the development of an interactive computer design program [AD-A118134] p 53 A83-11144
- The A-7E software requirements document Three years of change data [AD-A121602] p 237 A83-18322

### ABLATIVE MATERIALS

- Optimization of fire blocking layers for aircraft seating [SAWE PAPER 1468] p 585 A83-43742

### ABLATIVE NOSE CONES

- Hypersonic dynamic testing of ablating models with three-degree-of-freedom gas bearings p 753 A83-48135
- The effect of asymmetric attack on trim angle of attack [NASA-TM-84309] p 377 A83-24473

### ABORT APPARATUS

- Escape low and hot --- vertical-seeking, steerable ejection seat design for F-14A aircraft p 384 A83-31587
- Performance assessment of a reclined ejection seat p 516 A83-37879

### ABRASION

- Materials for advanced turbine engines Volume 1 Advanced blade tip seal system [NASA-CR-167851-VOL-1] p 166 A83-15308

### ABSORBERS (MATERIALS)

- Experimental research on perforated acoustic liners in turbojet engine afterburners p 165 A83-15256
- Optimal passive frequency response control of helicopters by added structures p 526 A83-27976

### ABSORPTION SPECTROSCOPY

- Differential-absorption LIDAR technology for light twin-engine aircraft operation [DE83-003888] p 410 A83-25232

### ABSTRACTS

- Abstracts 1982 AFOSR Contractors Meeting on Air Breathing Combustion Dynamics Research [AD-A121647] p 351 A83-21062

### ACCELERATED LIFE TESTS

- Accelerated life tests of aircraft thermocouples p 34 A83-10442
- TF41/Lamilly accelerated mission test p 199 A83-15319
- Helicopter engine development New standards for the '80s p 278 A83-24837
- Canadian forces tracker aircraft full-scale fatigue test at the National Aeronautical Establishment p 433 A83-33548
- Statistical study of TBO and estimation of acceleration factors of ASMT for aircraft turbo-engine --- Accelerated Simulated Mission Endurance Testing p 448 A83-35858
- Accelerated Mission Testing of the F110 Engine [AIAA PAPER 83-1235] p 453 A83-36298
- Accelerated simulated mission endurance test of a turboshaft engine for military attack helicopter application [AIAA PAPER 83-1359] p 455 A83-36357
- Development of simulated mission endurance test acceleration factors in determining engine component serviceability and failure mode critically [AIAA PAPER 83-1409] p 457 A83-36398
- Titanium fan disc Structural Life Prediction/Correlation program [SAE PAPER 821437] p 557 A83-37985

### ACCELERATION

- Centrifuge tests of modifications to the MA-2 aircrewman torso harness, phase 1 [AD-A126416] p 669 A83-33860

### ACCELERATION (PHYSICS)

- The maneuver acceleration parameter - A figure of merit for evaluating missile miss distance performance [AIAA PAPER 83-2199] p 591 A83-41684
- Gyroscopic instruments and their application to flight testing [AGARD-AG-160-VOL-15] p 233 A83-17855
- Some methods for the derivation of taxing loads for undercarriages with linear or nonlinear properties [NLR-TR-81110-U] p 389 A83-23297
- Vertical accelerations of a large aircraft during landing and taxing [NLR-TR-82001-U] p 389 A83-23298
- ACES II negative Gz restraint investigation [AD-A124713] p 430 A83-25685
- The modern concept of acceleration control Introduction to optimal command in a handling by objective structure p 543 A83-29267
- The vibration test unit, a unique rail vehicle vibration test facility p 632 A83-30774
- Acceleration factors for climb and descent rates at constant EAS, CAS, M [ESDU 81046] p 678 A83-32792
- Tabulation of recorded gust and maneuver accelerations and derived gust velocities and airplanes in the NASA VGH General Aviation Program [NASA-TM-84660] p 669 A83-33859
- Aircraft acceleration sensitive inertia reel lock [AD-A126739] p 721 A83-34924

### ACCELERATION PROTECTION

- Studies on an acceleration platform and at the time of a simulated crash of helicopter antirash seats p 197 A83-22976
- Investigation of crew restraint system biomechanics [AD-A126199] p 510 A83-29190

### ACCELERATION TOLERANCE

- Evaluation of the efficiency of helicopter antirash seats using a horizontal acceleration bench and a simulated crash p 250 A83-19444

### ACCELEROMETERS

- Concerning the measurement of aircraft acceleration p 158 A83-16876
- Modern technology and airborne engine vibration monitoring systems [AIAA PAPER 83-1240] p 444 A83-36303
- Kalman filter formulations for transfer alignment of strapdown inertial units p 569 A83-40303
- Aerodynamic characteristics of the AFFTC noseboom instrumentation unit, volume 1 [AD-A118315] p 14 A83-11089
- Statistical review of counting accelerometer data for Navy and Marine fleet aircraft [AD-A124966] p 443 A83-26834

### ACCEPTABILITY

- Visual judgments of optical distortions in aircraft windscreens [AD-A124307] p 390 A83-24503

### ACCIDENT INVESTIGATION

- Preliminary overview analyses of U.S. Navy Aircrew Automated Escape Systems /AAES/ in service usage data p 182 A83-15405
- Pilot-in-command A sociological analysis of general aviation accidents p 184 A83-13079
- Foreign Technology Alert - Bibliography Transportation safety [PB83-101659] p 430 A83-25686

### ACCIDENT PREVENTION

- The missing element in wind shear protection [SAE PAPER 830715] p 627 A83-43325
- Reflections on the Potomac p 667 A83-44876
- CAT altitude avoidance system [NASA-CASE-NPO-15351-1] p 38 A83-10040
- Effects of metric change on safety in the workplace for selected occupations [AD-A118595] p 216 A83-12279
- Aviation safety p 184 A83-13081
- Maintenance of airport visual aid facilities Advisory circular [AC-150/5340-26] p 219 A83-16352
- Foreign Technology Alert - Bibliography Transportation safety [PB83-101659] p 430 A83-25686

### ACCUMULATORS

- Analysis of United States Air Force aircraft accumulators [AD-A12092] p 267 A83-19746

ACCURACY

Potential accuracy of the goniometer section of a complex short-range navigation system

p 259 A83-26929

Analysis of the precision of inertial navigation systems --- German thesis

p 321 A83-28649

On the accuracy of calculating the aerodynamic characteristics of thin wings and airfoils by the method of discrete vortices

p 493 A83-37519

Research Issues in the Determination of Simulator Fidelity. Proceedings of the ARI sponsored Workshop [AD-A118253]

p 208 N83-12106

Computation of incompressible potential flow over an airfoil using a high order aerodynamic panel method based on circular arc panels

p 428 N83-26825

Modeling of the Mode S tracking system in support of aircraft safety research

[NASA-CR-166486] p 510 N83-29186

Improving the accuracy of thermocouple temperature measuring circuits --- jet engines

[PNR-90148] p 563 N83-29670

Analysis and correlation of the test data from an advanced technology rotor system

[NASA-CR-3714] p 665 N83-32777

ACEE PROGRAM

Nonlinear controller for the pitch-up region

[AIAA PAPER 83-0064] p 168 A83-16496

Developments in the NASA transport aircraft laminar flow program

[AIAA PAPER 83-0090] p 130 A83-16514

Scale model performance test investigation of mixed flow exhaust systems for an energy efficient engine /E3/ propulsion system

[AIAA PAPER 83-0541] p 161 A83-16776

Opportunities for composites in commercial transport structures

p 210 N83-12148

ACID RAIN

A separator for obtaining samples of cloud water in aircraft

p 640 A83-41983

ACOUSTIC ATTENUATION

Theoretical and experimental evaluation of transmission loss of cylinders --- as idealized aircraft fuselages

p 237 A83-19808

Eigensolutions for liners in uniform mean flow ducts

p 237 A83-19810

Noise transmission characteristics of advanced composite structural materials

[AIAA PAPER 83-0694] p 306 A83-25915

Effect of sound absorbing wall linings on aerodynamic forces of a subsonic vibrating cascade

p 411 A83-33372

Sound propagation in ducts with impedance walls in the presence of an air flow II - Optimization of acoustic attenuation in ducts

p 570 A83-37512

An introduction to aircraft noise lateral attenuation --- sound pressure level

[ESDU-81035] p 706 N83-33677

Estimation of lateral attenuation of air-to-ground jet or turbofan aircraft noise in one-third octave bands

[ESDU-82027] p 706 N83-33680

A laboratory study of the perceived benefit of additional noise attenuation by houses

[NASA-TM-85647] p 706 N83-33682

ACOUSTIC DUCTS

Eigensolutions for liners in uniform mean flow ducts

p 237 A83-19810

An experimental investigation of sound radiation from a duct with a circumferentially varying liner

[AIAA PAPER 83-0712] p 307 A83-25928

Friction drag measurements of acoustic surfaces

[AIAA PAPER 83-1356] p 422 A83-36414

Experimental methods in compressor noise studies

[ONERA, TP NO 1983-79] p 769 A83-48194

ACOUSTIC EMISSION

Generation of desired signals from acoustic drivers --- for aircraft engine internal noise propagation experiment

p 199 A83-15068

Develop in-flight acoustic emission monitoring of aircraft to detect fatigue crack growth

p 195 A83-15197

Establishing signal processing and pattern recognition techniques for inflight discrimination between crack-growth acoustic emission and other acoustic waveforms

p 214 A83-15198

Acoustic-emission monitoring of steam turbines

[DE82-904663] p 73 N83-10887

ACOUSTIC EXCITATION

Jet noise and the effects of jet forcing

p 72 A83-10898

Noise and flow structure of a tone-excited jet

p 221 A83-13136

Effect of excitation on coaxial jet noise

p 237 A83-19811

Strain measurement of acoustically excited aircraft structures at elevated temperatures

p 297 A83-23366

Tone generation by rotor-downstream strut interaction

[AIAA PAPER 83-0767] p 280 A83-25957

Nearfield observations of tones generated from supersonic jet flows

[AIAA PAPER 83-0706] p 308 A83-26449

Large-amplitude multimode response of clamped rectangular panels to acoustic excitation

[AIAA 83-1033] p 358 A83-29879

ACOUSTIC FATIGUE

Sonic fatigue of advanced composite panels in thermal environments

p 224 A83-22166

Design for prevention of acoustic fatigue --- of aircraft structures

[AIAA 83-0973] p 329 A83-29782

The effect of acoustic-thermal environments on advanced composite fuselage panels

[AIAA 83-0955] p 357 A83-29857

Acoustic fatigue test evaluation of adhesively bonded aluminum fuselage panels using FM 73/BR 127 adhesive/primer system

[AIAA 83-0999] p 358 A83-29874

ACOUSTIC IMPEDANCE

Sound propagation in ducts with impedance walls in the presence of an air flow II - Optimization of acoustic attenuation in ducts

p 570 A83-37512

Utilizing numerical techniques in turbofan inlet acoustic suppressor design

[NASA-TM-82994] p 73 N83-10885

ACOUSTIC INSTABILITY

Nearfield observations of tones generated from supersonic jet flows

[AIAA PAPER 83-0706] p 308 A83-26449

Longitudinal modes of gas oscillations in the main combustion chamber of gas-turbine engines

p 535 A83-39169

ACOUSTIC MEASUREMENT

Wind tunnel measurements of blade/vane ratio and spacing effects on fan noise

p 222 A83-15317

Experimental investigations concerning the noise produced by model propellers and propeller-driven small aircraft

[DGLR PAPER 82-068] p 274 A83-24182

In-flight acoustic measurements in the engine intake of a Fokker F28 aircraft

[AIAA PAPER 83-0677] p 279 A83-25909

Acoustic measurements of a full-scale coaxial helicopter

[AIAA PAPER 83-0722] p 264 A83-25933

Direct measurement of transmission loss of aircraft structures using the acoustic intensity approach

p 327 A83-28185

Rotor-vortex interaction noise

[AIAA PAPER 83-0720] p 367 A83-29950

Full-scale measurements of blade-vortex interaction noise

p 482 A83-33505

Parameters for design of reverberant acoustic chambers for testing air-carried missiles

p 73 N83-10235

Acoustic environment on the surface of a large-scale powered model of a vectored-engine-over-the-wing STOL configuration

p 73 N83-10272

Acoustic-emission monitoring of steam turbines

[DE82-904663] p 73 N83-10887

A new measurement method for separating airborne and structureborne noise radiated by aircraft type panels

[NASA-TP-2079] p 73 N83-11838

Aircraft noise problems

p 224 N83-13940

Propeller aircraft interior noise

p 309 N83-18658

Experimental and analytical studies of shielding concepts for point sources and jet noise

[UTIAS-266] p 571 N83-28983

Acoustic measurements of a full-scale coaxial hingeless rotor helicopter

[NASA-TM-84349] p 571 N83-28986

ACOUSTIC PROPAGATION

Acoustic environment in large enclosures with a small opening exposed to flow

p 237 A83-22161

Acoustic wave propagation through the shear layer of the DNW large open jet wind tunnel

[AIAA PAPER 83-0699] p 306 A83-25919

Nonstationarity in acoustic fields

p 769 A83-47628

Radiation of sound from unflanged cylindrical ducts

[NASA-CR-172171] p 705 N83-33591

ACOUSTIC PROPERTIES

A compact inflow control device for simulating flight fan noise

[AIAA PAPER 83-0680] p 365 A83-28005

The relationship between the aerodynamic and acoustic characteristics of coaxial jets

p 482 A83-35712

The Shock and Vibration Bulletin Part 3 Analytical methods, dynamic analysis, vehicle systems

[AD-D432842] p 66 N83-10253

Recommendations for the acoustic treatment of Cumbica International Airport

[IESA-144-83] p 309 N83-19578

A compact inflow control device for simulating flight fan noise

[NASA-TM-83349] p 482 N83-26643

ACOUSTIC RETROFITTING

Evaluation of interior noise control treatments for high-speed propfan-powered aircraft

[AIAA PAPER 83-0693] p 264 A83-25914

Experimental research on perforated acoustic liners in turbojet engine afterburners

p 165 N83-15256

ACOUSTIC SCATTERING

Sound propagation through fluctuating flows - Its significance in aeroacoustics

[AIAA PAPER 83-0697] p 308 A83-26448

ACOUSTICS

Chicago Monostatic Acoustic Vortex Sensing System Volume 4 Wake vortex decay

[AD-A120081] p 138 N83-15269

Activities report of the French aerospace and research industry

p 221 N83-17564

Recommendations for the acoustic treatment of Cumbica International Airport

[IESA-144-83] p 309 N83-19578

Propeller noise prediction

[NASA-TM-85636] p 571 N83-28984

Activities of the Institute of Sound and Vibration Research

p 707 N83-33687

ACOUSTO-OPTICS

Helmet mounted display feasibility model Optical design

[AD-A119191] p 159 N83-14124

ACRYLIC RESINS

USAF studying techniques to restore windshields

p 2 A83-12324

ACTIVE CONTROL

Quadratic synthesis of integrated active controls for an aeroelastic forward-swept-wing-aircraft

p 47 A83-12458

Nonlinear controller for the pitch-up region

[AIAA PAPER 83-0064] p 168 A83-16496

Active control of a relaxed-static-stability airplane using a discrete model following technique

[AIAA PAPER 83-0279] p 168 A83-16624

Fault isolation methodology for the L-1011 digital avionics flight control system

p 285 A83-24427

Higher harmonic control for the jet smooth ride

p 396 A83-33096

Aircraft active controls - New era in design

p 481 A83-35773

Aeroelastic interactions with flight control (A survey paper)

[AIAA PAPER 83-2219] p 621 A83-41700

Control of forward swept wing aeroelastic instabilities using active feedback systems

[AIAA PAPER 83-2220] p 621 A83-41701

Active control of parameter-excited rotor systems

p 642 A83-42982

Certification of the Lockheed 1011-500 active control system

p 687 A83-45850

Investigation of the unsteady airloads on airfoils with oscillating control in sub- and transonic flows

p 717 A83-49180

Active control of near frequency coalescence flutter

p 750 A83-49191

Active gust load alleviation and ride comfort improvement

p 751 A83-49193

Handling qualities of transports with advanced flight control systems

p 49 N83-10061

The impact of active control on helicopter handling qualities

p 50 N83-10066

Survey of active and passive means to reduce rotorcraft vibrations

[MBB-UD-350] p 206 N83-16335

Benefits assessment of active control technology and related cockpit technology for rotorcraft

[NASA-CR-166408] p 217 N83-17553

Development and application of digital control for tactical aircraft flutter suppression

p 343 N83-22108

Ground and flight testing on the fly-by-wire Jaguar equipped with a full time quadruplex digital integrated flight control system

p 343 N83-22111

Application of active control landing gear technology to the A-10 aircraft

[NASA-CR-166104] p 546 N83-27998

Integrated Application of Active Controls (IAAC) technology to an advanced subsonic transport project

Wing planform study and final configuration selection

[NASA-CR-165630] p 605 N83-30401

ACTUATORS

Individual blade control independent of a swashplate

p 191 A83-16027

Fiber optics for aircraft engine/inlet control

p 211 A83-22494

Multivariable approach to the problem of structural cross coupling of force feedback electrohydraulic actuators --- for structural testing of aircraft and their components

p 287 A83-26601



- Electromechanical primary flight control activation systems for fighter/attack aircraft p 518 A83-37983  
[SAE PAPER 821435]
- The use of actuator-disc dynamic inflow for helicopter flap-lag stability p 595 A83-41081
- An electromechanical primary flight control actuation system for military transport aircraft [AIAA PAPER 83-2195] p 620 A83-41680
- Electromechanical control systems p 750 A83-47201
- Effect of aircraft configuration and control integration on surface actuation [AIAA PAPER 83-2487] p 727 A83-48347
- Bucking the current — electric actuators for V/STOL aircraft p 729 A83-48887
- Slack wire strike protection concepts [AD-A118827] p 184 A83-12056
- Advanced Flight Control Actuation System (AFCAS-E/P) Fabrication and design verification testing of a dual mode electric/pneumatic actuator for the T-2C aircraft [AD-A119627] p 170 A83-14136
- Fiberoptics technology and its application to propulsion control systems [NASA-TM-83009] p 159 A83-15302
- Aircraft acceleration sensitive inertia reel lock [AD-A122208] p 250 A83-19723
- New flight control technologies for future naval aircraft [AD-A128624] p 751 A83-34955
- ADAPTATION**
- Adaptive-wall wind-tunnel research at Ames Research Center p 349 A83-20972
- Jam resistant communications systems techniques [AD-A126217] p 563 A83-29579
- Wind tunnel testing of three-dimensional models in wind tunnels with two adaptive walls [VKI-TN-147] p 665 A83-32781
- ADAPTIVE CONTROL**
- Design of direct digital adaptive flight-mode control systems for high-performance aircraft p 46 A83-11179
- Adaptive power management - A hierarchical/control system with a central multiplex system — for aircraft applications p 40 A83-11202
- Application of model reference adaptive control to a relaxed static stability transport aircraft p 46 A83-11209
- The application of sub-optimal control methods to adaptive antennas for airborne communication systems p 143 A83-18632
- Implicit adaptive control for a class of MIMO systems — with application to lateral dynamics of F-8 aircraft p 169 A83-19031
- Adaptive detection of targets in laser speckle noise p 208 A83-22521
- Recent developments in digital control for helicopter powerplants p 277 A83-24829
- Stochastic control and identification enhancement for the flutter suppression problem p 286 A83-26544
- Synthesis of C(asterisk)-model reference adaptive flight controller p 287 A83-26559
- Development of adaptation and identification algorithms in adaptive digital aircraft control systems p 287 A83-26600
- Self-tuning fly-by-wire control system p 287 A83-26603
- Perturbation adaptive array processor for airborne application p 320 A83-27913
- Adaptive clutter suppression for airborne phased array radars p 320 A83-27919
- Using adaptive control to synthesize invariant and partially autonomous automatic stabilization systems p 460 A83-33900
- Aircraft active controls - New era in design p 461 A83-35773
- Model reference adaptive control in the presence of measurement noise p 568 A83-37128
- Adaptive control of variable flow ducted rockets [AIAA PAPER 83-2202] p 595 A83-41686
- Relationship between the adaptive performance of antenna arrays and their underlying electromagnetic characteristics p 219 A83-13324
- Identification and stochastic control of helicopter dynamic modes [NASA-CR-166425] p 157 A83-15283
- Application of nonlinear adaptive motion washout to transport ground-handling simulation [NASA-TM-84568] p 265 A83-18709
- Evaluation of the effect of vibration nonlinearity on convergence behavior of adaptive higher harmonic controllers [NASA-CR-166424] p 266 A83-18718
- Feasibility study on CNC multiprocessor grinding of jet engine components using force sensing adaptive control [AD-A121725] p 302 A83-19953
- Use of adaptive walls in 2D tests p 349 A83-20970
- Adaptive flutter suppression, analysis and test p 346 A83-22219
- NASA/RAE collaboration on nonlinear control using the F-8C digital fly-by-wire aircraft [NASA-TM-84296] p 396 A83-23316
- Study of an automatic trajectory following control system [NASA-CR-166121] p 547 A83-29271
- Proceedings of the AGARD Fluid Dynamics Panel Specialists Meeting on Wall Interference in Wind Tunnels [AGARD-AR-190] p 550 A83-29277
- The role and nature of adaptive antennas in ECCM [AD-P000923] p 701 A83-34148
- ADAPTIVE FILTERS**
- Self-adaptive filters for the integration of navigation data p 268 A83-23374
- An adaptive scheme for optimal target detection in variable clutter environment p 253 A83-24779
- Near-real-time flutter boundary prediction from turbulence excited response [AIAA 83-0814] p 356 A83-29814
- Flight test experience with pilot-induced-oscillation suppressor filters [AIAA PAPER 83-2107] p 625 A83-41936
- ADDITIVES**
- The effect of products based on higher fatty acids on the performance characteristics of jet fuels p 468 A83-34500
- Fractional characteristics and heat transfer of antimisting fuels in tubes [NASA-CR-169388] p 211 A83-12248
- The effect of additives on the aerosolization of JP-5 jet fuel [AD-A119324] p 178 A83-14294
- An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications [AD-A125025] p 471 A83-27034
- ADHESION**
- Tribology p 215 A83-12167
- ADHESION TESTS**
- Improved chromatic acid anodize seal for optimum paint adhesion [SAE PAPER 820603] p 696 A83-45864
- ADHESIVE BONDING**
- The use of composite patches for repair of aircraft structural parts p 3 A83-12968
- Cold-setting adhesives for repair purposes using various surface preparation methods p 210 A83-15874
- A sensible approach to process control of adhesive bonding p 185 A83-20432
- Effect of moisture on adhesively bonded titanium structures p 222 A83-20442
- The effect of primer-adhesive compatibility on adhesive peel strength at low temperature p 222 A83-20448
- Service history of phosphoric acid anodized aluminum structure — with adhesive bonding for aircraft construction p 185 A83-20479
- Primary bonded aircraft wing construction p 186 A83-20493
- Aging and performance of structural film adhesives I - A comparison of two high-temperature curing, epoxy-based systems p 223 A83-21048
- The design of bonded structure repairs p 297 A83-23329
- Acoustic fatigue test evaluation of adhesively bonded aluminum fuselage panels using FM 73/BR 127 adhesive/primer system [AIAA 83-0999] p 358 A83-29874
- Some applications of ultrasonic methods for the quality control of nonmetallic objects p 475 A83-36794
- Adhesive bonding and composites p 551 A83-40131
- Bonded aluminum honeycomb - Aircraft flight surface primary structure application p 675 A83-43972
- Design and fabrication of realistic adhesively bonded joints [NASA-CR-166099] p 408 A83-24876
- Ultrasonic weld bonding of helicopter primary structures [AD-A124645] p 477 A83-26081
- Elastic stresses in the adhesive in single step double lap bonded joints [ESDU-80011] p 699 A83-33190
- Adhesive layer thickness and porosity criteria for bonded joints [AD-A129817] p 759 A83-36227
- Fatigue behavior of adhesively bonded joints [NASA-CR-174458] p 766 A83-36509
- ADHESIVES**
- Adhesive stress-strain properties relative to fatigue life of titanium bonded to graphite reinforced plastic p 294 A83-23616
- ADIABATIC CONDITIONS**
- Temperature response of a model to set-point changes and conditioning in ETW p 465 A83-25721
- AERIAL PHOTOGRAPHY**
- Analysis of target coverage for an unstabilized 35 mm panoramic stnke camera p 231 A83-22596
- Modular Airborne Remote Sampling and Sensing System (MARSSS) [DE82-014657] p 361 A83-21495
- Precision navigational filmstrips for use in DOD aircraft [AD-A124761] p 432 A83-25688
- AERIAL RECONNAISSANCE**
- Tarps test program set / parallel development of avionics and its support capability/ p 54 A83-10755
- Intelligent control of tactical target cueing — by subsonic flight vehicles p 25 A83-12879
- U S Army considers Aquila RPV ready to field p 30 A83-13025
- Advanced tactical air reconnaissance system p 186 A83-22575
- Real-time reconnaissance - A systems look at advanced technology p 200 A83-22576
- Reconnaissance of the year 2000 and beyond p 186 A83-22577
- Future trends in the use of infrared line scanners for airborne reconnaissance p 209 A83-22578
- Stimulus variables affecting dynamic target acquisition p 209 A83-22590
- CINNA - A system for preparing reconnaissance missions p 200 A83-22591
- Observations of optical lightning emissions from above thunderstorms using U-2 aircraft p 234 A83-22703
- Development of a mini RPV - Stableye p 326 A83-28180
- Canadian forces tracker aircraft full-scale fatigue test at the National Aeronautical Establishment p 433 A83-33548
- Airborne reconnaissance in the civilian sector - Agricultural monitoring from high-altitude powered platforms p 566 A83-39939
- Modular Airborne Remote Sampling and Sensing System (MARSSS) [DE82-014657] p 361 A83-21495
- MIZEX-WEST NASA CV-990 flight report [NASA-TM-85020] p 409 A83-23670
- Modular Airborne Remote Sampling and Sensing System (MARSSS) [DE82-005691] p 410 A83-25226
- AERIAL RUDDERS**
- Configuration development for a highly maneuverable experimental aircraft with negative sweep rudder units [DGLR PAPER 82-035] p 261 A83-24160
- On the critical speed of empennage flutter with allowance for the rudder p 340 A83-29286
- Method of construction and fabrication procedures for the A300-rudder unit, using a carbon-fiber type of construction p 710 A83-47211
- A limited study of thrust vector control with guide vanes and jet rudder [FOA-C-20455-E3] p 221 A83-16386
- AEROACOUSTICS**
- Tests of a thermal acoustic shield with a supersonic jet p 72 A83-10183
- Jet noise and the effects of jet forcing p 72 A83-10898
- Noise and flow structure of a tone-excited jet p 221 A83-13136
- A note on the general scaling of helicopter blade-vortex interaction noise [ONERA, TP NO 1982-32] p 221 A83-13375
- Aeroacoustical characteristics of a mechanical noise suppressor in a nozzle configuration with a central tailcone p 222 A83-13590
- Generation of desired signals from acoustic drivers — for aircraft engine internal noise propagation experiment p 199 A83-15068
- Length and time scales relevant to sound generation in excited jets p 222 A83-15298
- Propeller noise at model- and full-scale p 222 A83-15314
- Novel airborne technique for aircraft noise measurements above the flight path p 222 A83-15316
- Acoustic capabilities of the German-Dutch wind tunnel DNW [AIAA PAPER 83-0146] p 172 A83-16554
- Strut or guide vane secondary flows and their effect on turbomachinery noise p 190 A83-18414
- Acoustic environment in large enclosures with a small opening exposed to flow p 237 A83-22161
- A note on the tip noise of rotating blades p 305 A83-23708
- Experimental investigations concerning the noise produced by model propellers and propeller-driven small aircraft [DGLR PAPER 82-068] p 274 A83-24182
- In-flight acoustic measurements in the engine intake of a Fokker F28 aircraft [AIAA PAPER 83-0677] p 279 A83-25909

- Interaction of fan rotor flow with downstream struts  
[AIAA PAPER 83-0682] p 279 A83-25912
- Evaluation of interior noise control treatments for high-speed propfan-powered aircraft  
[AIAA PAPER 83-0693] p 264 A83-25914
- Acoustic wave propagation through the shear layer of the DNW large open jet wind tunnel  
[AIAA PAPER 83-0699] p 306 A83-25919
- An experimental study of supersonic jet shock-associated noise  
[AIAA PAPER 83-0708] p 307 A83-25924
- The prediction of the noise of supersonic propellers in time domain - New theoretical results  
[AIAA PAPER 83-0743] p 280 A83-25945
- Tone generation by rotor-downstream strut interaction  
[AIAA PAPER 83-0767] p 280 A83-25957
- Prediction of high bypass ratio engine static and flyover jet noise  
[AIAA PAPER 83-0773] p 281 A83-25958
- Airfoil self noise - Effect of scale  
[AIAA PAPER 83-0785] p 307 A83-25966
- Sound propagation through fluctuating flows - Its significance in aeroacoustics  
[AIAA PAPER 83-0697] p 308 A83-26448
- Nearfield observations of tones generated from supersonic jet flows  
[AIAA PAPER 83-0706] p 308 A83-26449
- Measurements of the scattering of sound by a line vortex  
[AIAA PAPER 83-0676] p 365 A83-28004
- The influence of inlet design on the aeroacoustic performance of a JT15D turbofan engine as measured in the NASA-Ames 40 x 80 foot wind tunnel  
[AIAA PAPER 83-0681] p 337 A83-28006
- The acoustic response of a propeller subjected to gusts incident from various inflow angles  
[AIAA PAPER 83-0692] p 366 A83-28010
- Noise generation by a finite span swept airfoil  
[AIAA PAPER 83-0768] p 366 A83-28023
- Shock-associated noise in supersonic jets  
p 367 A83-28957
- A study of helicopter rotor noise, with special reference to tail rotors, using an acoustic wind tunnel  
p 367 A83-29403
- Aeroacoustics of supersonic porous plug-nozzle flows  
[AIAA PAPER 83-0775] p 411 A83-31325
- The aerodynamics of hypersonic velocities (On flows with low Mach numbers)  
p 417 A83-35535
- Edge tones in high-speed flows and their application to multiple-jet mixing  
p 482 A83-36077
- Derivation of the fundamental equation of sound generated by moving aerodynamic surfaces  
p 482 A83-36096
- Mathematical models of the acoustic properties of propellers  
p 458 A83-36792
- Method for calculating jet noise in the presence of a shielding surface  
p 570 A83-37253
- The aerodynamics of propellers and rotors using an acoustic formulation in the time domain  
[AIAA PAPER 83-1821] p 498 A83-38653
- Intensity of focused sonic booms in straight flight at constant altitude  
p 571 A83-39424
- Universities - Have they a role in aeronautical research? Noise research  
p 652 A83-42617
- Aeroacoustic flight test of four single engine propellers  
[SAE PAPER 83-0731] p 615 A83-43328
- Nonstationarity in acoustic fields  
p 769 A83-47628
- Experimental methods in compressor noise studies  
[ONERA, TP NO 1983-79] p 769 A83-48194
- Helicopter noise  
[ONERA, TP NO 1983-80] p 769 A83-48195
- Noise generation by a low-Mach-number jet  
p 769 A83-49462
- Noise generated by airfoil profiles placed in a uniform laminar flow  
p 769 A83-49463
- Second National Conference on General Aviation Airport Noise and Land Use Planning Summary of proceedings  
[PB82-218520] p 69 A83-11628
- Correlation of core noise obtained by three signal coherence techniques  
[NASA-TM-83012] p 222 A83-12966
- Coherent structure and jet noise  
p 190 A83-14513
- Comparison of forward flight effects theory of A Michalke and U. Michel with measured data  
[NASA-CR-3665] p 238 A83-17239
- Propeller Performance and Noise, Volume 2  
[VKI-LS-1982-08-VOL-2] p 242 A83-18656
- Aeroacoustics of a porous plug supersonic jet noise suppressor  
[NASA-CR-169977] p 309 A83-19576
- Low speed performance of a supersonic axisymmetric mixed compression inlet with auxiliary inlets --- Lewis 9x15-ft anechoic wind tunnel tests  
[NASA-TM-83435] p 536 A83-27992
- Acoustic measurements of the X-wing rotor  
[NASA-TM-84292] p 571 A83-28985
- Department of Aeroacoustics p 706 A83-32980
- Investigation of jet-installation noise sources under static conditions  
[NASA-TP-2181] p 706 A83-33684
- ### AERODYNAMIC BALANCE
- Unbalance response analysis of a complete turbomachine  
p 228 A83-19674
- F-104 CCV research flight test program  
p 215 A83-20074
- Trim Tank system for optimizing drag at the center of gravity  
[DGLR PAPER 82-030] p 284 A83-24156
- Innovative concepts for tactical STOL  
[AIAA PAPER 83-2129] p 597 A83-41952
- Philosophy of automated balance calculations  
[SAWE PAPER 1470] p 585 A83-43744
- Development of closed loop roll control for magnetic balance systems  
[NASA-CR-166017] p 208 A83-13122
- Wind tunnel tests of a free-wing/free-trimmer model  
[NASA-CR-170394] p 137 A83-15263
- Mathematical model of the SH-3G helicopter  
[NASA-TM-84316] p 266 A83-19739
- Efficient algorithms for computing trim and small-disturbance equations of motion of aircraft coordinated and uncoordinated, steady, steep turns  
[NASA-TM-84324] p 343 A83-22205
- The effect of asymmetric attack on trim angle of attack  
[NASA-TM-84309] p 377 A83-24473
- Designing for fighter engine transients  
p 540 A83-29243
- ### AERODYNAMIC CHARACTERISTICS
- Supersonic flow around a conical fuselage of arbitrary section isolated or equipped with a delta wing with subsonic leading edges  
p 7 A83-10579
- The fundamental geometrical and aerodynamic characteristics of aircraft and rockets --- Russian book  
p 7 A83-10669
- Helicopter rotor performance evaluation using oscillatory airfoil data  
p 177 A83-13172
- Principles of helicopter design and construction --- Serbo-Croatian book  
p 189 A83-14042
- Operation of a helicopter on sloping ground I  
p 182 A83-14618
- The vortex theory of rotors  
p 178 A83-15095
- A study of the effect of the transverse sweep of delta wings on their vortex structures and aerodynamic characteristics in separated flows at low subsonic velocities  
p 178 A83-15096
- Aerodynamic characteristics of a slotted vs smooth-skin supercritical wing model  
p 178 A83-15324
- Vibration of airfoils in sinusoidal oblique gust  
[AIAA PAPER 83-0005] p 129 A83-16457
- Aerodynamic investigation of closely coupled lifting surfaces with positive and negative stagger for general aviation applications  
[AIAA PAPER 83-0057] p 129 A83-16489
- Aerodynamic optimization, comparison, and trim design of canard and conventional high performance general aviation configurations  
[AIAA PAPER 83-0058] p 148 A83-16490
- Effects of various empennage parameters on the aerodynamic characteristics of a twin-engine afterbody model  
[AIAA PAPER 83-0085] p 130 A83-16511
- On the transonic aerodynamic characteristics of 10 percent thick airfoils with a plain flap  
[AIAA PAPER 83-0091] p 130 A83-16515
- Acoustic capabilities of the German-Dutch wind tunnel DNW  
[AIAA PAPER 83-0146] p 172 A83-16554
- A method for estimating the propulsion induced aerodynamic characteristics of STOL aircraft in ground effect  
[AIAA PAPER 83-0169] p 149 A83-16567
- Evaluation of missile aerodynamic characteristics for diversified configurations using rapid prediction techniques  
[AIAA PAPER 83-0180] p 131 A83-16573
- Missile Datcom status report - Body and fin alone methodology  
[AIAA PAPER 83-0181] p 132 A83-16574
- Numerical simulation of wing-fuselage aerodynamic interaction  
[AIAA PAPER 83-0225] p 132 A83-16595
- Low-speed investigation of the maneuver capability of supersonic fighter wings  
[AIAA PAPER 83-0426] p 134 A83-16708
- On the aerodynamics of over-the-wing nacelles supported on 'stub-wings'  
[AIAA PAPER 83-0538] p 150 A83-16774
- Calculation of fundamental aerodynamic derivatives of aircraft  
p 135 A83-16892
- Application of the PANAIR production code to a complex canard/wing configuration  
[AIAA PAPER 83-0009] p 136 A83-17902
- Three-dimensional Euler solutions for long-duct nacelles  
[AIAA PAPER 83-0089] p 136 A83-17905
- An evaluation of aerodynamics modeling of spinning light airplanes  
[AIAA PAPER 83-0368] p 169 A83-17922
- Spin prediction techniques  
p 169 A83-18401
- Effects of spanwise blowing and reverse thrust on fighter low-speed aerodynamics  
p 136 A83-18410
- The impact of data processing on wind tunnel testing  
[ONERA, TP NO 1982-92] p 173 A83-18429
- Research on contaminated wings, current issues --- concerning icing conditions and aerodynamic effects  
[AIAA PAPER 83-0277] p 139 A83-19584
- Nonlinear observers for evaluating the state variables of the longitudinal motion of an aircraft --- German thesis  
p 169 A83-19622
- A test stand for studying transient phenomena in aerodynamic turbomachine cascades  
p 218 A83-20913
- Effective aerodynamic parameter evaluation from free flight tests  
p 203 A83-21005
- Numerical calculations of nonlinear aerodynamics of wing-body configurations  
p 189 A83-21022
- Curved lifting-line theory for thin planar wings  
p 189 A83-21024
- Wind tunnel investigation of the transonic aerodynamic characteristics of forward swept wings --- supersonic cruise aircraft research  
p 190 A83-22153
- Acoustic environment in large enclosures with a small opening exposed to flow  
p 237 A83-22161
- Design, construction, and testing of an experimental propeller in the 750 PS performance class  
[DGLR PAPER 82-066] p 274 A83-24180
- The aerodynamic characteristics of caret wings at subsonic flight speeds  
p 243 A83-24241
- The extended Kalman filter and its use in estimating aerodynamic derivatives  
p 340 A83-28183
- Heavy-lift airship dynamics  
p 340 A83-29016
- Wind tunnel correlation study of aerodynamic modeling for F/A-18 wing-store tip-missile flutter  
[AIAA 83-1028] p 331 A83-29877
- Calculation of fundamental aerodynamic derivatives of aircraft II  
p 373 A83-30516
- X-29 - Advanced technology demonstrator  
p 384 A83-31051
- Unique flight characteristics of the AD-1 oblique wing research airplane  
p 386 A83-32588
- Compressible helicoidal surface theory for propeller aerodynamics and noise  
p 375 A83-32986
- Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight  
p 433 A83-33506
- ACV lift air systems - More puff for less power  
p 485 A83-34861
- Calculation of subsonic flow past rectangular wings and their combinations on the basis of a discrete vortex scheme  
p 418 A83-35541
- The relationship between the aerodynamic and acoustic characteristics of coaxial jets  
p 482 A83-35712
- Aerodynamic optimization theory of a 3-D axial flow rotor-blading via optimal control  
p 418 A83-35839
- Numerical calculation of nonlinear aerodynamics of wing-body configurations  
p 420 A83-36076
- The aerodynamic design and performance of the General Electric/NASA EEE fan --- Energy Efficient Engine  
[AIAA PAPER 83-1160] p 451 A83-36252
- STOL wind tunnel test results for a tactical supercruiser  
[AIAA PAPER 83-1224] p 420 A83-36291
- Application of 3D aerodynamic/combustion model to combustor primary zone study  
[AIAA PAPER 83-1265] p 454 A83-36316
- Aerodynamic measurements about a rotating propeller with a laser velocimeter  
[AIAA PAPER 83-1354] p 421 A83-36355
- The motion dynamics of parachute systems --- Russian book  
p 422 A83-36450
- AFTI/F 111 mission adaptive wing technology demonstration program  
[AIAA PAPER 83-1057] p 438 A83-36468
- Wind tunnel tests of over-the-wing nacelles --- supported on 'stub-wings'  
p 422 A83-36916
- Correction to the wing source velocity error in Woodward's USSAERO code  
p 423 A83-36920
- A comparison of minimizing strategies for maximum likelihood identification --- stability and control derivatives of wide body aircraft  
p 567 A83-37085
- Experimental and computational investigation of the flow in the leading edge region of a swept wing  
[AIAA PAPER 83 1762] p 492 A83-37233
- Concerning a type of separated flow on a rectangular wing of small aspect ratio  
p 492 A83-37260

## SUBJECT INDEX

On the accuracy of calculating the aerodynamic characteristics of thin wings and airfoils by the method of discrete vortices p 493 A83-37519

Use of the panel method to calculate the distributed aerodynamic characteristics of a wing with pylon and nacelle at low speeds p 493 A83-37520

The effect of slot suction on the aerodynamic characteristics of an airfoil at transonic velocities p 494 A83-37552

Separated flows at the leeward side of a delta wing and body of revolution in supersonic flow p 494 A83-37553

Computational study of an unregulated air intake of a hypersonic ramjet engine with three-dimensional deceleration of the flow at freestream Mach numbers of 5-7 p 494 A83-37559

Subsonic compressible-gas separated flow past a low-aspect-ratio wing p 495 A83-37626

Aerodynamic characteristics of thin wings in a nonequilibrium hypersonic gas flow p 495 A83-37640

Performance assessment of a reclined ejection seat p 516 A83-37879

Low-speed aerodynamic characteristics of a generic forward-swept-wing aircraft p 496 A83-37998

[SAE PAPER 821467] p 496 A83-37998

Experimental evaluation of inlet turbulence, wall boundary layer, surface finish, and fillet radius on small axial turbine stage performance p 534 A83-38001

[SAE PAPER 821475] p 534 A83-38001

Comparison of NACA 6-series and 4-digit airfoils for Darneus wind turbines p 564 A83-38013

The impact of strakes on a vortex-flapped delta wing [AIAA PAPER 83-1814] p 497 A83-38647

PAN AIR modeling studies --- higher order panel method for aircraft design p 498 A83-38660

[AIAA PAPER 83-1830] p 498 A83-38660

Application of forward sweep wings to an air combat fighter p 520 A83-38662

[AIAA PAPER 83-1833] p 520 A83-38662

X-29 forward swept wing aerodynamic overview [AIAA PAPER 83-1834] p 520 A83-38663

Qualification of the Datcom for sweptforward wing platforms A summary of work to date p 499 A83-38665

[AIAA PAPER 83-1836] p 499 A83-38665

Aerodynamics characteristics of a canard controlled high fineness ratio missile p 545 A83-38668

[AIAA PAPER 83-1839] p 545 A83-38668

A method for predicting low-speed aerodynamic characteristics of transport aircraft p 499 A83-38673

[AIAA PAPER 83-1845] p 499 A83-38673

Powered lift aerodynamics of USB STOL aircraft --- Upper Surface Blowing p 499 A83-38676

[AIAA PAPER 83-1848] p 499 A83-38676

Some lessons from NACA/NASA aerodynamic studies following World War II p 489 A83-38683

[AIAA PAPER 83-1856] p 489 A83-38683

Thrust reverser effects on the tail surface aerodynamics of an F-18 type configuration p 500 A83-38687

[AIAA PAPER 83-1860] p 500 A83-38687

Aerodynamics critical to the operations of tactical fighters from bomb damaged runways p 521 A83-38688

[AIAA PAPER 83-1861] p 521 A83-38688

Dynamic analysis of the Magnus Aerospace Corporation LTA 20-1 heavy-lift aircraft p 522 A83-38908

[AIAA PAPER 83-1977] p 522 A83-38908

Wind tunnel demonstration of an optimized LTA system with 65 percent power reduction and neutral static stability p 522 A83-38910

[AIAA PAPER 83-1981] p 522 A83-38910

Dynamics of the STARS aerostat p 545 A83-38916

[AIAA PAPER 83-1990] p 545 A83-38916

The maximum aerodynamic efficiency of conical wing-body combinations at high supersonic speeds p 578 A83-41266

Filtering flight data prior to aerodynamic system identification p 597 A83-41928

[AIAA PAPER 83-2098] p 597 A83-41928

Experimental and analytical investigation of the subsonic aerodynamics of slender wings with leading-edge vortex flaps p 579 A83-41940

[AIAA PAPER 83-2113] p 579 A83-41940

Circulation-controlled elliptical airfoil p 580 A83-42537

The calculation of two-dimensional transonic flow over airfoils including boundary layer and wake effects [SAE PAPER 830708] p 580 A83-43318

Wing modification for increased spin resistance [SAE PAPER 830720] p 627 A83-43327

Estimation of parameters involved in high angle-of-attack aerodynamic theory using spin flight test data [AIAA PAPER 83-2086] p 627 A83-43809

Estimation of nonlinear aerodynamics from transport airplane certification maneuvers - A system identification approach p 627 A83-43811

[AIAA PAPER 83-2065] p 627 A83-43811

Aerodynamic aspects of aircraft dynamics at high angles of attack p 658 A83-43984

Experimental work on the aerodynamics of integrated slender wings for supersonic flight p 659 A83-44360

Finite volume calculation of three-dimensional potential flow around a propeller p 660 A83-45577

Calculation of three-dimensional transonic flow over thin body (wing) p 662 A83-46499

Studies concerning model technology in the European Transonic Wind Tunnel (ETW) p 752 A83-47197

Commercial aircraft with reduced longitudinal stability and active tail planes, and the unsteady aerodynamics of rapidly adjusted control surfaces p 750 A83-47213

A configuration to improve the aerodynamics and scope of can-annular combustors p 737 A83-47898

[ASME PAPER 83-GT-37] p 737 A83-47898

Efficient computational grid generation for three-dimensional aircraft configurations [AIAA PAPER 83-2557] p 729 A83-48376

The basic aerodynamics of floatation p 764 A83-48679

International Symposium on Aeroelasticity, Nuremberg, West Germany, October 5-7, 1981, Collected Papers [DGLR BERICHT 82-01] p 711 A83-49176

Flow visualization by light sheet [ONERA, TP NO 1983-105] p 764 A83-49416

Characteristics of the ground vortex developed by various V/STOL jets at forward speeds p 717 A83-49585

[AIAA PAPER 83-2494] p 717 A83-49585

Application of slender wing benefits to military aircraft [AIAA PAPER 83-2566] p 717 A83-49596

Acta Aeronautica et Astronautica Sinica [AD-A117465] p 3 N83-10003

Aerodynamic characteristics of maneuvering flaps p 8 N83-10004

Numerical computation of unsteady subsonic aerodynamic forces on wing-body-tail exposed to traveling gust p 9 N83-10006

Design of the leading edge of a delta wing [AD-A117469] p 31 N83-10036

The impact of active control on helicopter handling qualities p 50 N83-10066

Experiences of non-linear high incidence aerodynamic characteristics p 50 N83-10070

A comparison of analytical techniques for predicting stability boundaries for some types of aerodynamic or cross-coupling nonlinearities p 51 N83-10071

Investigation of some effects of humidity on aerodynamic characteristics on a 10-percent-thick NASA supercritical airfoil [NASA TM-X-3355] p 4 N83-11018

Effects of wing trailing-edge truncation on aerodynamic characteristics of a NASA supercritical-wing research airplane model [NASA-TM-X-3024] p 4 N83-11021

Low-speed aerodynamic characteristics of a 42 deg swept high-wing model having a double-slotted flap system and a supercritical airfoil [NASA-TM-X-3036] p 4 N83-11022

Aerodynamic characteristics of two 10-percent-thick NASA supercritical airfoils with different upper surface curvature distributions --- Langley 8 foot transonic tunnel tests [NASA-TM-X-2977] p 5 N83-11026

A wind-tunnel investigation of the application of the NASA supercritical airfoil to a variable-wing-sweep fighter airplane [NASA-TM-X-2759] p 5 N83-11028

Investigation at near-sonic speed of some effects of humidity on the longitudinal aerodynamic characteristics of an NASA supercritical wing research airplane model [NASA-TM-X-2618] p 5 N83-11029

Low-speed aerodynamic characteristics of a model having a 42 deg swept low wing with a supercritical airfoil, double-slotted flaps, and a T tail [NASA-TM-X-2582] p 5 N83-11030

Aerodynamic characteristics of an improved 10-percent-thick NASA supercritical airfoil --- Langley 8 foot transonic tunnel tests [NASA-TM-X-2978] p 5 N83-11031

Wind-tunnel development of underwing leading-edge vortex generators on a NASA supercritical-wing research airplane configuration [NASA-TM-X-2808] p 6 N83-11032

Effects of wing height on low-speed aerodynamic characteristics of a model having a 42 deg swept wing, a supercritical airfoil, double-slotted flaps, and a low tail [NASA-TM-X-2794] p 6 N83-11033

Low-speed aerodynamic characteristics of a 17-percent-thick supercritical airfoil section, including a comparison between wind-tunnel and flight data [NASA-TM-X-2571] p 6 N83-11034

Effects of differential and symmetrical aileron deflection on the aerodynamic characteristics of an NASA supercritical-wing research airplane model [NASA-TM-X-3231] p 12 N83-11073

## AERODYNAMIC CHARACTERISTICS

Aerodynamic characteristics of the 10-percent-thick NASA supercritical airfoil 33 designed for a normal-force coefficient of 0.7 p 12 N83-11075

[NASA-TM-X-72711] p 12 N83-11075

Comparison of the experimental aerodynamic characteristics of theoretically and experimentally designed supercritical airfoils [NASA-TM-X-3082] p 12 N83-11076

Aerodynamic characteristics of a 14-percent-thick NASA supercritical airfoil designed for a normal-force coefficient of 0.7 [NASA-TM-X-72712] p 12 N83-11077

Aerodynamic characteristics of 10 percent thick NASA supercritical airfoils with different aft camber [NASA-TM-X-72007] p 12 N83-11078

Comparison of experimental and theoretical drag characteristics for a 10-percent-thick supercritical airfoil using a new version of an analysis code [NASA-TM-X-74041] p 13 N83-11080

Aerodynamic characteristics of an 11-percent-thick symmetrical supercritical airfoil at Mach numbers between 0.30 and 0.85 [NASA-TM-X-1831] p 13 N83-11084

Effects of landing gear, speed brake and protuberances on the longitudinal aerodynamic characteristics of an NASA supercritical-wing research airplane model [NASA-TM-X-72684] p 13 N83-11085

Aerodynamic characteristics of the AFFTC noseboom instrumentation unit, volume 1 [AD-A118315] p 14 N83-11089

Numerical and experimental investigation of the aerodynamics of double membrane sailing airfoil sections [VTH-LR-345] p 14 N83-11092

Low-speed aerodynamic characteristics of a transport configuration having a 42 deg swept supercritical airfoil wing and three tail height positions [NASA-TM-X-3149] p 32 N83-11115

Stability and control characteristics at Mach numbers 1.60 to 2.86 of a variable-sweep fighter configuration with supercritical airfoil sections --- Langley unitary plan wind tunnel tests [NASA-TM-X-2284] p 52 N83-11141

An investigation of the aerodynamic characteristics of a new general aviation airfoil in flight [NASA-CR-169477] p 179 N83-12046

Hereditary models for airfoils in unsteady aerodynamics, numerical approximations and parameter estimation [AD-A118446] p 179 N83-12050

Airworthiness and flight characteristics test Part 1 YAH-64 advanced attack helicopter [AD-A118490] p 193 N83-12075

QCSSE under-the-wing engine-wing-flap aerodynamic profile characteristics [NASA-TM-82890] p 201 N83-12092

A general program for predicting rigid-aircraft gust response [ARL/AERO-NOTE-407] p 203 N83-12097

Minister reviews plans for raising efficiency of civil aviation p 176 N83-13062

Rotary balance data for a typical single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg 2 Influence of horizontal tail location for Model D [NASA-CR-3247] p 180 N83-13070

An analysis of aerodynamic requirements for coordinated bank-to-turn autopilots [NASA-CR-3644] p 180 N83-13072

Study of highly sweptback wings by the free vortex sheet method [NASA-CR-169559] p 181 N83-13076

Time-varying aerodynamics for translational motion of large-turning airfoils [AD-A118884] p 203 N83-13105

Nonlinear observers for estimation of the state variables of an aircraft lateral motion [TUBS/FB-81-11-01] p 206 N83-13120

A projected large low-speed wind tunnel to meet Australian requirements Aerodynamics note [AD-A118913] p 209 N83-13125

Wind tunnel evaluation of airfoil performance using simulated ice shapes [NASA-CR-167960] p 138 N83-15265

Wind-tunnel studies of the effects of simulated damage on the aerodynamic characteristics of airplanes and missiles [NASA-TM-84588] p 138 N83-15266

Aerodynamic compliant bearings for small turbo-engines p 185 N83-15537

Low-speed aerodynamic characteristics of a 17-percent-thick medium speed airfoil designed for general aviation applications [NASA-TP-1786] p 191 N83-16290

The calculation of separated flow at helicopter bodies [NASA-TM-76715] p 191 N83-16291

A laboratory method for the analysis of helicopter underslung load oscillations  
[BU-273] p 192 N83-16303

An investigation and comparison of the aerodynamic performance of selected hang-glider airfoil sections  
[BU-276] p 192 N83-16305

The half-model technique in the wind tunnel and its employment in the development of the Airbus family  
[NASA-TM-76970] p 205 N83-16328

Energy efficient engine Fan test hardware detailed design report  
[NASA-CR-165148] p 212 N83-16341

Fuel conservation techniques in jet transport aircraft operations  
p 198 N83-17463

Slidestip indication system  
p 210 N83-17466

Representation of airfoil behaviour  
p 192 N83-17472

Aeroelastic equilibrium of an helicopter rotor with nonlinear aerodynamic forces  
p 235 N83-17482

The development of a system for interdisciplinary analysis of rotorcraft flight characteristics  
p 236 N83-17485

Effect of external stores on the stability and control characteristics of a delta wing fighter model at Mach numbers from 0.60 to 2.01  
[NASA-TM-84596] p 194 N83-17508

Simplified free wake analysis for rotors  
[FFA-TN-1982-07] p 195 N83-17518

General purpose flight simulation program (FSPK-1) Part 1 Contents of the program  
[NAL-TR-702] p 207 N83-17529

The JT8D and JT9D engine component improvement Performance improvement program  
[NASA-CR-167965] p 214 N83-17543

Aerodynamic effect of a honeycomb rotor tip shroud on a 50.8-centimeter-tip-diameter core turbine  
[NASA-TP-2112] p 215 N83-17547

Calculation of damping derivatives for arbitrary 3-dimensional bodies using Newtonian impact theory  
[NAL-TR-722] p 244 N83-18660

Flap effectiveness on subsonic longitudinal aerodynamic characteristics of a modified arrow wing  
[NASA-TM-84582] p 245 N83-18673

Wind tunnel investigation of an upper surface blown flap half model of the NALSTOL research aircraft  
[NAL-TR-734] p 245 N83-18674

Evaluation of aerodynamic derivatives from Do 28 TNT-free flight model tests  
[DFVLR-FB-82-17] p 265 N83-18711

Construction and test of flexible walls for the throat of the ILR high-speed wind tunnel  
[NASA-TM-77005] p 293 N83-18771

Aerodynamic test facility requirements for defence R and D to 2000 and beyond  
[AD-A122096] p 293 N83-19763

Unsteady aerodynamic and aeroelastic properties on control surfaces in transonic flow  
p 314 N83-20902

Aeroelastic problems of wings in transonic flow  
p 314 N83-20904

Some characteristic quantities of Karman-Trefftz profiles  
[NASA-TM-77013] p 314 N83-20915

Rotary balance data for a typical single engine general aviation design for an angle-of-attack range of 8 deg to 90 deg 1. Influence of airplane components for model D --- Langley spin tunnel tests  
[NASA-CR-3246] p 315 N83-20918

Measured boundary conditions methods for 2D flow  
p 348 N83-20966

An aerodynamic assessment of various supersonic fighter airplanes based on Soviet design concepts  
[NASA-TM-84647] p 315 N83-22157

A common geometric data-base approach for computer-aided manufacturing of wind-tunnel models and theoretical aerodynamic analysis  
[NASA-TP-2151] p 316 N83-22166

Low-speed aerodynamic characteristics of a 14-percent-thick NASA phase 2 supercritical airfoil designed for a lift coefficient of 0.7  
[NASA-TM-81912] p 317 N83-22167

Flight dynamics analysis and simulation of heavy lift airships Volume 1 Executive summary  
[NASA-CR-166471 VOL-1] p 344 N83-22207

Flight dynamics analysis and simulation of heavy lift airships Volume 2 Technical manual  
[NASA-CR-166471 VOL-2] p 344 N83-22208

The Open Loop Gust Alleviation system OLGA  
[BMFT-FB-W-82-030] p 397 N83-23319

Effects of twin-vertical tail parameters on twin-engine afterbody/nozzle aerodynamic characteristics --- Langley 16-ft transonic tunnel tests  
[NASA-TP-2158] p 377 N83-24478

Effect of empennage location on twin-engine afterbody-nozzle aerodynamic characteristics at Mach Numbers from 0.6 to 1.2 --- wind tunnel tests  
[NASA-TP-2116] p 424 N83-25666

Analysis of nonplanar wing tip-mounted lifting surfaces on low-speed airplanes  
[NASA-CR-3684] p 424 N83-25667

A wind tunnel study of the effects of a close-coupled canard on the aerodynamic characteristics of a forward-swept wing in incompressible flow  
[AD-A124722] p 425 N83-25673

F-14 rotary balance tests for an angle-of-attack range of 0 deg to 90 deg  
[AD-A124468] p 441 N83-25700

Proposed MIL standard and handbook Flying qualities of air vehicles Volume 2 Proposed MIL handbook  
[AD-A123726] p 441 N83-25704

Aircraft aerodynamic prediction method for V/STOL transition including flow separation  
[NASA-CR-166467] p 426 N83-26818

Wing alone aerodynamic characteristics to high angles of attack at subsonic and transonic speeds  
[AD-A125764] p 504 N83-27963

Aerodynamic model identification from dynamic flight test data and wind tunnel experiments  
[VTH-LR-361] p 505 N83-27967

Effects of wind on the aircraft optimum cruise performance and flight performance advisory systems for F-4E and F-5E aircraft  
[AD-A125587] p 527 N83-27984

UH-60A light icing envelope evaluation with the blade deicing kit installed but inoperative  
[AD-A125630] p 528 N83-27987

Turbine tip clearance control in gas turbine engines  
p 541 N83-29254

Test facility for basic research on distortion  
p 542 N83-29258

The high angle of attack behavior of a combat aircraft Correlation between prediction and flight --- Mirage 2000 aircraft  
p 604 N83-30367

The use of free-flight models for the prediction of departure control  
p 593 N83-30368

Aerodynamic model identification from dynamic flight test data and wind tunnel experiments  
p 604 N83-30371

Low-speed aerodynamic performance of an aspect ratio-10 supercritical wing transport model equipped with a full span slat and part-span and full span double-slotted flaps  
[NASA-TP-1805] p 582 N83-30390

Wall-temperature effects on the aerodynamics of a hydrogen-fueled transport concept in Mach 8 blowdown and shock tunnels  
[NASA-TP-2159] p 582 N83-30391

Aerodynamic evaluation of circulation control propellers  
[NASA-CR-165748] p 616 N83-30428

Aerodynamic ejectors in the UK  
[BAE KRS-N-GEN-243] p 607 N83-31594

Aeroelastic properties of straight and forward swept graphite/epoxy wings  
[AD-A127014] p 638 N83-31734

A catalog of low Reynolds number airfoil data for wind turbine applications  
[RFP 3387] p 665 N83-32772

Theoretical and experimental investigation of supersonic aerodynamic characteristics of a twin-fuselage concept  
[NASA-TP-2184] p 665 N83-32776

Estimation of rolling moment derivative due to sideslip for complete aircraft at subsonic speeds  
[ESDU-81032 AMEND-A] p 678 N83-32791

Results of Beaver aircraft parameter identification  
[DFVLR-FB-83-10] p 678 N83-32798

An engineering method for estimating the aerodynamic characteristics of Circulation Control Wings (CCW)  
[AD-A126436] p 666 N83-33856

Braking and cornering studies on an air cushion landing system  
[NASA-TP-2196] p 733 N83-34935

Technical evaluation report on the Flight Mechanics Panel Symposium on Ground/Flight Test Techniques and Correlation  
[AGARD-AR-191] p 733 N83-34939

Low-speed aerodynamic characteristics of a highly swept, untwisted uncambered arrow wing  
[NASA-TP-2176] p 718 N83-36000

## AERODYNAMIC COEFFICIENTS

Aerodynamic estimation techniques for aerostats and airships  
p 136 N83-18404

Airplane model structure determination from flight data  
p 340 N83-29023

General equations of motion for an elastic wing and method of solution  
[AIAA 83-0921] p 357 N83-29847

Aerodynamic characteristics of a circulation controlled elliptical airfoil with blown jets  
[AIAA PAPER 83-1794] p 497 N83-38633

Determination of aerodynamic parameters of a fighter airplane from flight data at high angles of attack  
[AIAA PAPER 83-2066] p 623 N83-41904

Computational method of the drag of axisymmetric afterbodies in subsonic flow  
[AIAA PAPER 83-2079] p 578 N83-41913

Identification of aerodynamic coefficients using flight testing data  
[AIAA PAPER 83-2099] p 597 N83-41929

Apparent mass coefficients for isosceles triangles and cross sections formed by two circles --- in slender body fuselage aerodynamics  
p 675 N83-43973

Numerical calculation of lift, moment coefficient and dynamic stability derivative on sidestipping wings in unsteady supersonic flows  
p 9 N83-10005

Aerodynamic coefficient identification of time-varying aircraft system and its application  
p 10 N83-11044

Aerodynamic characteristics of a 14-percent-thick NASA supercritical airfoil designed for a normal-force coefficient of 0.7  
[NASA-TM-X-72712] p 12 N83-11077

Transonic aerodynamic characteristics of the 10-percent-thick NASA supercritical airfoil 31  
[NASA-TM-X-3203] p 13 N83-11083

Numerical and experimental investigation of the aerodynamics of double membrane sailing airfoil sections  
[VTH-LR-345] p 14 N83-11092

Analysis of oscillatory motion of a light airplane at high values of lift coefficient  
[NASA-TM-84563] p 216 N83-17550

Finite element calculations for aerodynamic coefficients of 3-dimensional body in subsonic flow using Green's function method  
[NAL-TR-724] p 244 N83-18661

A flight test evaluation and analytical study of the Ball-Bartoe jetwing propulsive lift concept without ejector  
[AD-A121733] p 332 N83-20938

Low-speed aerodynamic characteristics of a 14-percent-thick NASA phase 2 supercritical airfoil designed for a lift coefficient of 0.7  
[NASA-TM-81912] p 317 N83-22167

Trends of Reynolds number effects on two-dimensional airfoil characteristics for helicopter rotor analyses  
[NASA-TM-84363] p 377 N83-24472

Materials and modelling technology for cryogenic environment  
p 465 N83-25723

V/STOL fountain force coefficient  
[AD A126261] p 528 N83-29200

Effect of trailing-edge flaps on sideforce and yawing moment derivatives due to sideslip, (Y sub v) sub f and (N sub v) sub f Amendment A  
[ESDU-81013-AMEND-A] p 663 N83-32755

Representation of drag in aircraft performance calculations  
[ESDU-81026] p 677 N83-32790

## AERODYNAMIC CONFIGURATIONS

Problems concerning supersonic flow past bodies of prismatic configurations  
p 179 N83-16394

Pan Air versus S/HABP - An evaluation of two diverse approaches to supersonic missile aerodynamic analysis --- Advanced Panel Pilot Code and Supersonic/Hypersonic Arbitrary Body Program  
[AIAA PAPER 83-0008] p 129 N83-16460

Evaluation of missile aerodynamic characteristics for diversified configurations using rapid prediction techniques  
[AIAA PAPER 83-0180] p 131 N83-16573

Transonic flow simulation of prop-fan configurations  
[AIAA PAPER 83-0187] p 137 N83-19582

Computer-enhanced analysis of a jet in a cross stream  
p 228 N83-19804

Development and validation of the V/STOL aerodynamics and stability and control manual  
p 312 N83-29020

The problem of an optimum wing of constant seaworthiness  
p 375 N83-33003

A study of the motion of thin-section wings of complex configurations near a solid surface  
p 375 N83-33005

Aerodynamic design of proplan powered transports  
[AIAA PAPER 83-1213] p 437 N83-36285

Aerodynamic development for efficient military cargo transports  
[AIAA PAPER 83-1822] p 520 N83-38654

Hover and transition flight performance of a twin tilt-nacelle V/STOL configuration  
[AIAA PAPER 83-1824] p 520 N83-38656

The evaluation of the rolling moments induced by wraparound fins  
[AIAA PAPER 83-1840] p 545 N83-38669

A multiple separation model for multielement airfoils  
[AIAA PAPER 83-1844] p 499 N83-38672

On the conceptual design of supersonic cruising aircraft with subsonic wing leading edges  
p 523 N83-38950

Unconventional commuter configurations - A design investigation  
[SAE PAPER 830710] p 599 N83-43320

The aerodynamics of small RPV's  
p 601 N83-43710



- Optimum configuration for a 10-passenger business turboprop jet airplane p 675 A83-43967
- Development of aerodynamic technology for large civil aviation aircraft p 709 A83-47204
- Optimization of waverider configurations generated from axisymmetric conical flows p 715 A83-48134
- Subsonic airplane configurations for maximum range for endurance p 729 A83-48370
- [AIAA PAPER 83-2536] p 729 A83-48370
- Effect of wing-mounted nacelles on a 42 deg swept supercritical wing configuration at near-sonic speeds [NASA-TM-X-2954] p 4 N83-11025
- Comparison of the experimental aerodynamic characteristics of theoretically and experimentally designed supercritical airfoils [NASA-TM-X-3082] p 12 N83-11076
- Wind-tunnel investigation of aerodynamic load distribution on a variable-wing-sweep fighter airplane with a NASA supercritical airfoil [NASA-TM-X-3095] p 32 N83-11116
- Application of advanced technologies to small, short-haul transport aircraft (STAT) [NASA-CR-152362] p 192 N83-12072
- Aerodynamics on a transport aircraft type wing-body mode [PB82-206855] p 194 N83-12081
- The role of analysis in the aerodynamic design of advanced rotors p 192 N83-17471
- The JT8D and JT9D engine component improvement Performance improvement program [NASA-CR-167965] p 214 N83-17543
- User's manual for master Modeling of aerodynamic surfaces by 3-dimensional explicit representation --- input to three dimensional computational fluid dynamics [NASA-CR-166056] p 236 N83-18304
- Calculation of damping derivatives for arbitrary 3-dimensional bodies using Newtonian impact theory [NAL-TR-722] p 244 N83-18660
- A study of aerodynamic characteristics of wing-body combinations Part 1 Case of a mid-wing airplane [NAL-TR-729-PT-1] p 245 N83-18675
- Strake-wing-body combinations p 264 N83-18696
- Survey of transonic flow research in China [AD-A122788] p 315 N83-20923
- Design and construction of 2 transonic airfoil models for tests in the NASA Langley C 3-M TCT [NASA-TM-85325] p 401 N83-23326
- Loads and performance data from a wind-tunnel test of model articulated helicopter rotors with 2 different blade torsional stiffnesses [NASA-TM-84573] p 377 N83-24471
- Selected advanced aerodynamics and active controls technology concepts development on a derivative B-747 aircraft [NASA-CR-3295] p 442 N83-26831
- Historical development of worldwide supersonic aircraft [NASA-TM-85637] p 573 N83-29170
- Comparison of prediction, wind tunnel and flight test data for the Canadair Challenger turboprop aircraft p 604 N83-30365
- Numerical optimization techniques for bound circulation distribution for minimum induced drag of Nonplanar wings Computer program documentation [NASA-CR-3458] p 581 N83-30385
- Interactive input for the QUICK geometry system User's manual [NASA-TM-81933] p 582 N83-30388
- Subcritical flutter testing using the feedback system approach p 629 N83-30718
- A note on the estimation of longitudinal and lateral aircraft derivatives using semi empirical methods [CAR-8312] p 679 N83-33878
- Characteristics of double-canard aerodynamic shape configuration [AD-A128337] p 718 N83-34913
- AERODYNAMIC DRAG**
- Comparison of computational and experimental jet effects p 7 A83-10185
- Reductions in parachute drag due to forebody wake effects p 178 A83-15315
- SAMID, an interactive system for the analysis and constrained minimization of induced drag of aircraft configurations [AIAA PAPER 83-0095] p 149 A83-16519
- The design of a human-powered vehicle [AIAA PAPER 83-0649] p 180 A83-16816
- Piloting techniques on the backside --- of drag curve p 169 A83-16927
- Aerodynamic drag in two-phase flows p 135 A83-17408
- Aerodynamic estimation techniques for aerostats and airships p 136 A83-18404
- Full scale test of the C22 target in the ONERA S1MA wind tunnel [ONERA, TP NO 1982-95] p 152 A83-18430
- Altitude transitions in energy climbs p 287 A83-26604
- Induced drag of a slender wing in a nonuniform stream p 312 A83-28970
- Investigation of the possibility of reducing aerodynamic drag by a mechanism of initial vortex formations p 374 A83-30723
- A technique to determine lift and drag polars in flight p 422 A83-36913
- An aftbody drag prediction technique for military airlifters [AIAA PAPER 83-1787] p 496 A83-38627
- Inviscid drag calculations for transonic flows [AIAA PAPER 83-1928] p 503 A83-39380
- Computational method of the drag of axisymmetric afterbodies in subsonic flow [AIAA PAPER 83-2079] p 578 A83-41913
- Experimental wing and canard jet flap aerodynamics [AIAA PAPER 83-0081] p 715 A83-48211
- Drag of wings with cambered airfoils and partial leading-edge suction p 716 A83-48220
- Wave drag prediction using a simplified supersonic area rule p 716 A83-48222
- Reduction of aerodynamic drag Torsion disc viscometry [AD-A117859] p 10 N83-10020
- Wind-tunnel measurements of the chordwise pressure distribution and profile drag of a research airplane model incorporating a 17-percent-thick supercritical wing [NASA-TM-X-2760] p 5 N83-11027
- Investigation of installation effects of single-engine convergent-divergent nozzles [NASA-TP-2078] p 11 N83-11059
- A nonlinear structural concept for compliant walls --- drag reduction [NASA-CR-3628] p 11 N83-11061
- Transonic aerodynamic characteristics of the 10-percent-thick NASA supercritical airfoil 31 [NASA-TM-X-3203] p 13 N83-11083
- Conserving aviation fuel by shifting center-of-gravity position p 194 N83-13063
- A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 1 [NASA-CR-159379] p 191 N83-16288
- Trends of Reynolds number effects on two-dimensional airfoil characteristics for helicopter rotor analyses [NASA-TM-84363] p 377 N83-24472
- Drag reduction by means of pneumatic turbulators [ESA-TT-743] p 505 N83-27965
- Numerical optimization techniques for bound circulation distribution for minimum induced drag of Nonplanar wings Computer program documentation [NASA-CR-3458] p 581 N83-30385
- Lift and drag of two staggered lifting surfaces at low speeds [ESDU-81023] p 663 N83-32759
- Drag of axisymmetric cowls at zero incidence for subsonic Mach numbers [ESDU-81024] p 664 N83-32760
- Aircraft forces due to interference between a jet efflux and a slotted flap --- jet impingement on wings for lift augmentation [ESDU-82034] p 664 N83-32768
- Estimation of windmilling drag and airflow of turbo-jet and turbo-fan engines [ESDU-81009] p 677 N83-32789
- Representation of drag in aircraft performance calculations [ESDU-81026] p 677 N83-32790
- An experimental study of transonic flow about a supercritical airfoil Static pressure and drag data obtained from tests of a supercritical airfoil and an NACA 0012 airfoil at transonic speeds, supplement [NASA-TM-81336-SUPPL] p 666 N83-33846
- AERODYNAMIC FORCES**
- Development and trial of a rotary balance for the 3 M low speed wind tunnels of West Germany p 55 A83-11082
- A new approach to weapon separation aerodynamics [AIAA PAPER 83-0234] p 177 A83-13164
- Nonlinear aerodynamic modeling of flap oscillations in transonic flow - A numerical validation [AIAA PAPER 81-0073] p 178 A83-15290
- The effect of backlash and trailing-edge strips on the flutter speed of a two-dimensional model of a tailplane with tab p 151 A83-18068
- The effect of aerodynamic coupling between the blades of a cascade on the aerodynamic damping of blade vibrations and the onset of blading flutter p 182 A83-19312
- Application of the matrix method of forces for the calculation of aircraft structures p 232 A83-23221
- Development of the basic methods needed to predict helicopters' aeroelastic behaviour [ONERA, TP NO 1982-75] p 232 A83-23248
- Influence of leading-edge thrust on twisted and cambered wing design for supersonic cruise p 312 A83-29018
- The coupled aeroelastic response of turbomachinery blading to aerodynamic excitations [AIAA 83-0844] p 357 A83-29822
- A three degree-of-freedom, typical section flutter analysis using harmonic transonic air forces [AIAA PAPER 83-0960] p 406 A83-32797
- Effect of sound absorbing wall linings on aerodynamic forces of a subsonic vibrating cascade p 411 A83-33372
- Aerodynamic design for improved maneuverability by the use of three-dimensional transonic theory [AIAA PAPER 83-1859] p 521 A83-38686
- Unsteady aerodynamic forces and flutter analysis for a wing-aileron-tab configuration p 643 A83-43688
- Apparent-mass coefficients for isosceles triangles and cross sections formed by two circles --- in slender body fuselage aerodynamics p 675 A83-43973
- Computation of aerodynamic forces on bodies with non-circular cross-section in supersonic viscous flow [AIAA PAPER 83-2077] p 660 A83-45519
- Determination of the suction-force distribution and its effect on the aerodynamic design of a wing for supersonic flow p 661 A83-46495
- On the energy characteristics of the aerodynamic matrix and the relationship to possible flutter p 715 A83-48144
- Computer tomography of flows external to test models [NASA-CR-169521] p 221 N83-13835
- Wind tunnel force and pressure tests [NASA-CR-3439] p 190 N83-16287
- First results for the definition of a general rotorcraft dynamic program p 236 N83-17483
- Flight dynamics analysis and simulation of heavy lift airships Volume 2 Technical manual [NASA-CR-166471 VOL-2] p 344 N83-22208
- Contribution of wing planform to derivatives of yawing moment and sideforce due to roll rate at subsonic speeds (N sub p)sub w and (Y sub p)sub w [ESDU-81014] p 663 N83-32756
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of yaw, (Y sub r)sub F, (N sub r)sub F, (L sub r)sub F [ESDU-82017] p 664 N83-32764
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of roll, (Y sub p)sub F, (N sub p)sub F, (L sub p)sub F, in the presence of body, wing and tailplate [ESDU-83006] p 665 N83-32770
- Lattice structures Part 1 Mean fluid forces on single and multiple plane frames [ESDU-81027-PT-1-AMEND-A] p 699 N83-33201
- Lattice structures Part 2 Mean fluid forces on tower like space frames [ESDU-81028-PT-2 AMEND-A] p 700 N83-33202
- AERODYNAMIC HEATING**
- Review of helicopter icing protection systems [AIAA PAPER 83-2529] p 719 A83-48367
- AERODYNAMIC INTERFERENCE**
- Support interference in static and dynamic tests --- of wind tunnel models at high angles of attack p 55 A83-11074
- Numerical simulation of wing-fuselage interference p 177 A83-13129
- Airframe effects on a top-mounted fighter inlet system p 177 A83-13166
- Thrust reversing effects on horizontal tail effectiveness of twin-engine fighter aircraft [AIAA PAPER 83-0086] p 149 A83-16512
- Propulsion installation characteristics for turboprop transports [AIAA PAPER 83-0087] p 130 A83-16513
- A transonic analysis of propfan slipstream effect on a supercritical wing [AIAA PAPER 83-0186] p 132 A83-16577
- A multi-gnd method for the computation of viscid/inviscid interactions on airfoils [AIAA PAPER 83-0234] p 132 A83-16602
- Advances in methods for predicting store aerodynamic characteristics in proximity to an aircraft [AIAA PAPER 83-0266] p 133 A83-16622
- Investigation of the effects of upstream sidewall boundary layer removal on a supercritical airfoil [AIAA PAPER 83-0386] p 133 A83-16686
- Support-sting interference on boattail pressure drag for Reynolds numbers up to 70 x 10 to the 6th [AIAA PAPER 83-0387] p 172 A83-16687
- On the aerodynamics of over-the-wing nacelles supported on 'stub-wings' [AIAA PAPER 83-0538] p 150 A83-16774
- Full scale test of the C22 target in the ONERA S1MA wind tunnel [ONERA, TP NO 1982-95] p 152 A83-18430

- The transonic wind tunnel Braunschweig of DFVLR  
p 217 A83-19663
- Theory of resistance interference of airfoil wings and engine exhaust  
p 188 A83-19667
- Fuselage-lifting surfaces interaction in unsteady subsonic flow --- French thesis  
p 189 A83-22093
- Subsonic dynamic stall in pitching and plunging oscillations including large ground interference effects [AIAA 83-0889]  
p 313 A83-29836
- Wind tunnel tests of over-the-wing nacelles --- supported on 'stub-wings'  
p 422 A83-36916
- Parametric study of factors affecting the fuel efficiency of advanced turboprop airplanes  
[AIAA PAPER 83-1823]  
p 520 A83-38655
- Surface pressures induced on a flat plate with in-line and side-by-side dual jet configurations  
[AIAA PAPER 83-1849]  
p 500 A83-38677
- Interference during flow around a wing and an axisymmetric nacelle  
p 578 A83-41879
- Studies of light-twin wing-body interference  
[SAE PAPER 830709]  
p 580 A83-43319
- Combined four-wall interference assessment in two-dimensional airfoil tests  
p 689 A83-45576
- Effect of control system delays on fighter flying qualities  
p 51 N83-10072
- Adaptive wall wind tunnels, a selected, annotated bibliography  
[NASA-TM-84526]  
p 174 N83-14138
- Dameus rotor aerodynamics --- wind turbines  
[DE82-003495]  
p 138 N83-15271
- Studies on blade-to-blade and rotor-fuselage-tail interferences  
p 193 N83-17479
- Rotor-fuselage interference on engine internal aerodynamics in maneuvering high-speed rotorcraft  
p 193 N83-17480
- Wind tunnel wall interference in unsteady transonic testing  
p 346 N83-20905
- A method for determining wall-interference corrections in solid-wall tunnels from measurements of static pressure at the walls  
p 347 N83-20958
- The use of panel methods for the evaluation of subsonic wall interference  
p 347 N83-20959
- Two-dimensional transonic testing method  
p 347 N83-20962
- Wall boundary-layer effects in transonic wind tunnels  
p 348 N83-20964
- Measured boundary conditions methods for 2D flow  
p 348 N83-20966
- Subsonic wall interference corrections for finite-length test sections using boundary pressure measurements  
p 348 N83-20967
- Use of adaptive walls in 2D tests  
p 349 N83-20970
- The status of two- and three-dimensional testing in the University of Southampton transonic self-streamlining wind tunnel  
p 349 N83-20971
- Adaptive-wall wind-tunnel research at Ames Research Center  
p 349 N83-20972
- Development of a three-dimensional adaptive wall test section with perforated walls  
p 349 N83-20973
- Effects of aerodynamic interaction between main and tail rotors on helicopter hover performance and noise [NASA-CR-166477]  
p 376 N83-23275
- Flow control about an airborne laser turret  
[AD-A123056]  
p 407 N83-23595
- Experimental study of main rotor/tail rotor/airframe interactions in hover Volume 1 Text and figures  
[NASA-CR-166485]  
p 427 N83-26820
- Proceedings of the AGARD Fluid Dynamics Panel Specialists Meeting on Wall Interference in Wind Tunnels  
[AGARD-AR-190]  
p 550 N83-29277
- Aerodynamic computation of the wing-body-short cabin composite  
p 662 N83-32740
- Transonic interference effects in testing of oscillating airfoils  
p 662 N83-32746
- Aircraft forces due to interference between a jet efflux and a slotted flap --- jet impingement on wings for lift augmentation  
[ESDU-82034]  
p 664 N83-32768
- Wind tunnel testing of three-dimensional models in wind tunnels with two adaptive walls  
[VKI-TN-147]  
p 665 N83-32781
- Experiments in a three-dimensional adaptive-wall wind tunnel  
[NASA-TP-2210]  
p 718 N83-34906
- AERODYNAMIC LOADS**
- Development of analytical and experimental techniques for determining store airload distributions  
p 8 A83-13077
- The analysis of operational stresses --- on aircraft during flight  
p 161 A83-18596
- Prediction of the aerodynamic loads on helicopter blades in hovering and axial flight using lifting line theory  
p 189 A83-21016
- Blade loading and rotation effects on compressor rotor wake near end walls  
p 190 A83-22138
- The simulation of fatigue loads in aeronautics  
p 219 A83-23241
- Maneuver load control for reducing the design loads of modern combat aircraft  
[DGLR PAPER 82-046]  
p 284 A83-24169
- Some effects of size on non-rigid airships  
p 327 A83-28192
- On the determination of the load-carrying capacity of the glass-plastic propeller blade of an aircraft  
p 338 A83-29294
- Airfoil shape and thickness effects on transonic airloads and flutter  
[AIAA 83-0959]  
p 329 A83-29860
- A discretized asymptotic method for unsteady helicopter rotor airloads  
[AIAA 83-0989]  
p 313 A83-29867
- Anti-flutter control concept using a reduced non-linear dynamic model of elastic structure aircraft  
[AIAA 83-0993]  
p 341 A83-29870
- On measuring transonic dips in the flutter boundaries of a supercritical wing in the wind tunnel  
[AIAA 83-1031]  
p 331 A83-29878
- Determination of horizontal tail load and hinge moment characteristics from flight data --- on Learjet Model 55 Longhorn  
p 383 A83-30162
- Aerodynamic theory for wing with side edge passing subsonically through a gust  
p 375 A83-32977
- Maximum loading capability of axial flow compressors [AIAA PAPER 83-1163]  
p 451 A83-36254
- Experimental research on the design of highly loaded axial fans --- German thesis  
p 493 A83-37498
- Aerodynamic loads on the rear part of a fuselage behind a swept wing in supersonic flow  
p 494 A83-37562
- The lateral response of an airship to turbulence  
[AIAA PAPER 83-1989]  
p 502 A83-38915
- The LANN program - An experimental and theoretical study of steady and unsteady transonic airloads on a supercritical wing  
[AIAA PAPER 83-1686]  
p 502 A83-39099
- JT9D performance deterioration results from a simulated aerodynamic load test  
p 612 A83-41040
- Unsteady airloads on supercritical wings  
p 717 A83-49179
- Investigation of the unsteady airloads on airfoils with oscillating control in sub- and transonic flows  
p 717 A83-49180
- Static aerodynamic characteristics of a model with a 17 percent thick supercritical wing  
[NASA-TM-X-2551]  
p 12 N83-11074
- Wind-tunnel investigation of aerodynamic load distribution on a variable-wing-sweep fighter airplane with a NASA supercritical airfoil  
[NASA-TM-X-3095]  
p 32 N83-11116
- A new capability for elastic aircraft airloads via NASTRAN  
p 218 N83-12464
- Propulsive performance of 2-dimensional thin airfoils undergoing large-amplitude pitch and plunge oscillations --- ornithopter aircraft  
[UTIAS-TN-226]  
p 180 N83-13074
- Prediction of Aerodynamic Loads on Rotorcraft --- helicopter and wind turbine rotors  
[AD-A124260]  
p 188 N83-17470
- Aeroelastic buffeting prediction technique A general review  
p 341 N83-20898
- Some remarks on buffeting  
p 341 N83-20899
- Wind tunnel wall interference in unsteady transonic testing  
p 346 N83-20905
- Unsteady airloads on oscillating wings in post-stall condition  
p 314 N83-20906
- Flutter investigations in the transonic flow regime for a fighter type aircraft  
p 345 N83-22217
- Some methods for the derivation of taxing loads for undercarriages with linear or nonlinear properties  
[NLR-TR-81110-U]  
p 389 N83-23297
- Vertical accelerations of a large aircraft during landing and taxing  
[NLR-TR-82001-U]  
p 389 N83-23298
- Effects of dynamic stall on SWECS  
p 409 N83-23732
- Computer prediction of store aerodynamic loading during separation  
[AD-A124693]  
p 378 N83-24483
- Parameter and design studies for the use of wind tunnel models in the ETW  
[MBB/FE123/S/PUB/83]  
p 402 N83-24518
- Development of a non-insulated cryogenic strain-gauge balance  
[M-TP-82-006-U]  
p 402 N83-24520
- Technical evaluation report on the Fluid Dynamics Panel Specialists' Meeting on Prediction of Aerodynamic Loads on Rotorcraft  
[AGARD-AR-189]  
p 426 N83-25682
- Static aeroelastic analysis of flexible wings via NASTRAN, part 1  
[AD-A124662]  
p 477 N83-26099
- Aerodynamic research on Tipvane windturbines [PB83-147413]  
p 479 N83-27476
- Force and pressure measurements on a research model with a low-, mid- and T-tail at Mach numbers of 0.60 to 0.90 Volume 1 Summary report  
[AD-A124067]  
p 504 N83-27962
- Wing-alone aerodynamic characteristics to high angles of attack at subsonic and transonic speeds  
[AD-A125764]  
p 504 N83-27963
- A conceptual framework for using Doppler radar acquired atmospheric data for flight simulation  
[NASA-TP-2192]  
p 526 N83-27977
- A continuous vorticity panel method for the prediction of steady aerodynamic loads on lifting surfaces  
p 505 N83-29172
- Wind-tunnel investigation of aerodynamic loading on a 0.237-scale model of a remotely piloted research vehicle with a thick, high-aspect-ratio supercritical wing  
[NASA-TM-84614]  
p 506 N83-29176
- Comparison of flight loads measurements results and prediction for Tornado  
p 605 N83-30378
- Nacelle Aerodynamic and Inertial Loads (NAL) project [NASA-CR-168712]  
p 605 N83-30402
- Correlation of experimental and quasi-3D theoretical airloads on the oscillating LANN supercritical wing model [AD-A130550]  
p 718 N83-36002
- AERODYNAMIC NOISE**
- Tests of a thermal acoustic shield with a supersonic jet  
p 72 A83-10183
- Study of fan noise sources through thin film pressure transducers  
p 41 A83-12350
- Noise and flow structure of a tone-excited jet  
p 221 A83-13136
- Free stream noise and transition measurements in a Mach 3.5 pilot quiet tunnel  
[AIAA PAPER 83-0042]  
p 171 A83-16482
- On the radially non-compact source model for subsonic jet noise  
p 190 A83-16929
- Strut or guide vane secondary flows and their effect on turbomachinery noise  
p 190 A83-18414
- Radiation from a double layer jet --- aerodynamic noise  
p 237 A83-20364
- Conventional profile coaxial jet noise prediction  
p 237 A83-22128
- A theoretical and experimental study of propeller noise  
[ONERA, TP NO 1982-122]  
p 305 A83-24333
- Fluctuating pressure measurements on the fan blades of a turbofan engine during ground and flight tests  
[AIAA PAPER 83-0679]  
p 279 A83-25911
- An experimental study of windturbine noise from blade-tower wake interaction  
[AIAA PAPER 83-0691]  
p 306 A83-25913
- On the shock cell structure and noise of supersonic jets  
[AIAA PAPER 83-0703]  
p 306 A83-25923
- Porous-plug flowfield mechanisms for reducing supersonic jet noise  
[AIAA PAPER 83-0774]  
p 281 A83-25959
- Analysis of jet-airframe interaction noise  
[AIAA PAPER 83-0783]  
p 264 A83-25964
- Airfoil self noise - Effect of scale  
[AIAA PAPER 83-0785]  
p 307 A83-25966
- Near-field frequency - Domain theory for propeller noise  
[AIAA PAPER 83-0688]  
p 365 A83-28007
- Comparison of broadband noise mechanisms, analyses, and experiments on helicopters, propellers, and wind turbines  
[AIAA PAPER 83-0690]  
p 365 A83-28009
- A new measurement method for separating airborne and structureborne aircraft interior noise  
p 368 A83-28188
- Wind tunnel noise reduction at Mach 5 with a rod-wall sound shield --- for prevention of premature boundary layer transition on wind tunnel models  
[AIAA PAPER 82-0570]  
p 346 A83-28952
- Shock-associated noise in supersonic jets  
p 367 A83-28957
- Compressible helicoidal surface theory for propeller aerodynamics and noise  
p 375 A83-32986
- Method of calculating optimum angular blade pitches in fan with unequally pitched blades  
p 375 A83-33090
- Derivation of the fundamental equation of sound generated by moving aerodynamic surfaces  
p 482 A83-36096
- In-flight acoustic test results for the SR-2 and SR-3 advanced-design propellers  
[AIAA PAPER 83-1214]  
p 452 A83-36286
- Low flight speed acoustic results for a supersonic inlet with auxiliary inlet doors  
[AIAA PAPER 83-1415]  
p 706 A83-45517
- Subsonic and transonic propeller noise  
[ONERA, TP NO 1983-76]  
p 769 A83-48191
- A new measurement method for separating airborne and structureborne noise radiated by aircraft type panels [NASA-TP-2079]  
p 73 N83-11838

- A note on the general scaling of helicopter blade-vortex interaction noise  
[AD-A118761] p 223 N83-12872
- Noise of the 10-bladed 60 deg swept SR-5 propeller in a wind tunnel  
[NASA-TM-83054] p 367 N83-23112
- Low flight speed acoustic results for a supersonic inlet with auxiliary inlet doors  
[NASA-TM-83411] p 482 N83-27794
- Acoustic measurements of the X-wing rotor  
[NASA-TM-84292] p 571 N83-28985
- YC-15 externally blown flap noise p 652 N83-30715
- Propeller noise at subsonic blade up speeds, torque and thrust force  
[DFVLR-MITT-82-17] p 653 N83-31425
- Department of Aeroacoustics p 706 N83-32980
- AERODYNAMIC STABILITY**
- Dynamic simulation in wind tunnels p 55 A83-11079
- Development and trial of a rotary balance for the 3 M low speed wind tunnels of West Germany p 55 A83-11082
- A new concept for aircraft dynamic stability testing p 203 A83-15310
- A look at the Russell 'Lobe' parachute - The first ultrastable parachute design p 184 A83-15434
- Dynamic stability of a buoyant quad-rotor aircraft p 216 A83-22160
- Stability of steady sideslip equilibria for high alpha — supersonic fighter aircraft p 284 A83-24031
- A closed-form analysis of rotor blade flap-lag stability in hover and low-speed forward flight in turbulent flow [AIAA 83-0986] p 330 A83-29864
- Measured inplane stability characteristics in hover for an advanced bearingless rotor p 330 A83-29865
- Active suppression of aeroelastic instabilities on a forward swept wing [AIAA 83-0991] p 341 A83-29869
- Stability study of a tilt-rotor aircraft model p 384 A83-31172
- Alleviation of the subsonic pitch-up of delta wings p 374 A83-32583
- Effects of friction dampers on aerodynamically unstable rotor stages [AIAA PAPER 83-0848] p 392 A83-32791
- Certain aspects of the optimum design of hydrodynamic lifting complexes p 375 A83-33002
- Control of forward swept wing aeroelastic instabilities using active feedback systems [AIAA PAPER 83-2220] p 621 A83-41701
- Coupled static stability analysis for nonlinear aerodynamics [AIAA PAPER 83-2069] p 623 A83-41906
- New flying qualities criteria for relaxed static longitudinal stability [AIAA PAPER 83-2104] p 625 A83-41933
- An improved method for predicting lateral-directional dynamic stability characteristics [SAE PAPER 830711] p 626 A83-43321
- Formulation and solution of rotary-wing aeroelastic stability and response problems p 600 A83-43673
- Investigations of hingeless rotor stability p 600 A83-43674
- Aeroservoelasticity in the time domain — for YF-16 aircraft p 687 A83-43965
- Aeromechanical stability of a hingeless rotor in hover and forward flight - Analysis and wind tunnel tests p 732 A83-50141
- Numerical calculation of lift, moment coefficient and dynamic stability derivative on sidelipping wings in unsteady supersonic flows p 9 N83-10005
- Stability and control characteristics. Including aileron hinge moments of a model of a supercritical-wing research airplane [NASA-TM-X-2929] p 4 N83-11024
- Static aerodynamic characteristics of a model with a 17 percent thick supercritical wing [NASA-TM-X-2551] p 12 N83-11074
- Static longitudinal aerodynamic characteristics of a model with a modified 17 percent thick supercritical wing [NASA-TM-X-3211] p 13 N83-11081
- Application of a supercritical wing to an executive-type jet transport model [NASA-TM-X-3251] p 13 N83-11082
- An aeroelastic analysis of the Darnes wind turbine p 220 N83-13476
- Dynamic stability of flight vehicles [AD-A119637] p 170 N83-14137
- Measurements of self-excited rotor-blade vibrations using optical displacements [NASA-TM-82953] p 183 N83-14523
- Dynamic structural aeroelastic stability testing of the XV-15 tilt rotor research aircraft [NASA-TM-84293] p 216 N83-16349

- Flutter: A finite element program for aerodynamic instability analysis of general shells of revolution with thermal prestress [NASA-CR-170013] p 288 N83-19756
- Aeroelastic buffeting prediction technique A general review p 341 N83-20898
- Aeroelastic instability stoppers for wind tunnel models [NASA-CASE-LAR-12720-1] p 361 N83-21504
- Some experiments on Yaw stability of wind turbines with various coning angles [NASA-CR-168108] p 362 N83-22740
- The Epsilon prototype corkscrew phenomenon [SNIA-822-111-101] p 378 N83-23279
- Correlation and evaluation of inplane stability characteristics for an advanced bearingless main rotor [NASA-CR-168448] p 440 N83-25695
- Validation flight test of UH-60A for Rotorcraft Systems Integration Simulator (RSIS) [AD-A125428] p 529 N83-29201
- Applications of a compression system stability model p 542 N83-29260
- Modelling compression component stability characteristics Effects of inlet distortion and fan bypass duct disturbances p 542 N83-29261
- Experimental investigations of transport aircraft low speed engine interference effects and flight test correlation p 603 N83-30364
- Comparison of flight and wind tunnel buffeting measurements on the SAAB 105 aircraft p 604 N83-30369
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to sideslip, (Y sub v) sub f, (N sub v) sub f, (L sub v) sub f, in the presence of body, wing and tailplane [ESDU-82010] p 664 N83-32763
- Aeroelastic stability of a forward swept wing with wing tip stores [AD-A125457] p 678 N83-32797
- AERODYNAMIC STALLING**
- A half-wing near a wall at high angles of attack in a pulsed flow [AAAF PAPER NT 81-12] p 8 A83-11773
- A-10 stall/post-stall testing - A status update p 47 A83-11808
- Helicopter rotor performance evaluation using oscillatory airfoil data p 177 A83-13172
- A dynamic model for aircraft poststall departure [AIAA PAPER 83-0367] p 150 A83-16674
- Laser holographic interferometry for an unsteady airfoil in dynamic stall [AIAA PAPER 83-0388] p 179 A83-16688
- Aeroelasticity of helicopter rotors in forward flight p 180 A83-17316
- Spin prediction techniques p 169 A83-18401
- Helicopter-rotor aeroelastic equilibrium under nonlinear aerodynamic forces p 281 A83-23679
- A discrete tracking control law for nonlinear plants — applied to F-8 aircraft stall recovery p 286 A83-26503
- Airplane model structure determination from flight data p 340 A83-28023
- Subsonic dynamic stall in pitching and plunging oscillations including large ground interference effects [AIAA 83-0889] p 313 A83-29836
- Maximum loading capability of axial flow compressors [AIAA PAPER 83-1183] p 451 A83-36254
- Configuration development of a research aircraft with post-stall maneuverability p 439 A83-36915
- Flight at supersonic altitudes [SAE PAPER 821489] p 544 A83-38000
- Poststall flight in close combat [AIAA PAPER 83-2120] p 625 A83-41945
- Designed to be stalled — T-48A training aircraft p 676 A83-46349
- Half model testing applied to wings above and below stall p 661 A83-46455
- The effect of a leading-edge slat on the dynamic stall of an oscillating airfoil [AIAA PAPER 83-2533] p 716 A83-48368
- Analysis of airfoil leading edge separation bubbles [NASA-CR-165935] p 9 N83-10018
- An experimental study of dynamic stall on advanced airfoil section. Volume 2. Pressure and force data [NASA-TM-84245-VOL-2] p 179 N83-12048
- Wind-tunnel investigation of effects of wing-leading-edge modifications on the high angle-of-attack characteristics of a T-tail low-wing general-aviation aircraft [NASA-CR-3636] p 179 N83-12049
- Introductory survey of aeroelastic problems in separated and transonic flow p 313 N83-20895
- The phenomenon of dynamic stall p 314 N83-20896
- Dynamic response of aircraft with fluctuating flow fields p 341 N83-20897
- The use of vortex generators as inexpensive compressor casing treatment p 459 N83-26798

- Experimental studies of the separating confluent boundary-layer Volume 1 Summary [NASA-CR-3655] p 427 N83-26822
- Aircraft accident report. IBEX Corporation Gates Learjet 23, N1007A, Atlanta, near Savannah, Georgia, 8 May 1982 [PB83-910401] p 430 N83-26827
- Pilot human factors in stall/spin accidents of supersonic fighter aircraft [NASA-TM-84348] p 462 N83-26846
- Engine Handling [AD-A129168] p 540 N83-29241
- Some general topics in the field of engine handling p 540 N83-29242
- Flight test experience on military aircraft engine handling p 541 N83-29248
- Aspects of correlation in the identification of dynamic effects from complimentary techniques Evolution at high angles p 628 N83-30375
- Subsonic-transonic stall flutter study [NASA-CR-165256] p 629 N83-30435
- Rotating stall investigations Volume 1 Theoretical investigations [AD-A128744] p 748 N83-34951
- AERODYNAMICS**
- Application of pulse code modulation technology to aircraft dynamics data acquisition p 29 A83-10182
- Extension of the lifting body theory to evolution on random trajectories at subsonic velocities p 7 A83-10576
- Applications of flow visualization techniques in aerodynamics [ONERA, TP NO 1982-68] p 213 A83-14528
- A perspective of theoretical and applied computational fluid dynamics [AIAA PAPER 83-0037] p 179 A83-16477
- 75th anniversary of the establishment of the Aerodynamic Experimental Institute of Goettingen p 127 A83-16896
- Certain effects and paradoxes in aerodynamics and hydraulics — Russian book p 229 A83-20379
- The relationship between the aerodynamics of a combustion chamber and the dynamics of heat release p 273 A83-23446
- Investigation of landing gear alternatives for high performance aircraft p 261 A83-24030
- The German-Dutch wind tunnel as an aid in aircraft development [DGLR PAPER 82-050] p 289 A83-24173
- Flutter analysis of a transport wing using XTRAN3S [AIAA 83-0922] p 357 A83-29848
- Fundamentals of flight — Book p 371 A83-30152
- The principles of aerodynamic aircraft design p 384 A83-30924
- Second approximation of quadrupole wing theory in lifting surface theory p 375 A83-33004
- The aerodynamics of hypersonic velocities (On flows with low Mach numbers) p 417 A83-35535
- Smart aerodynamic optimization [AIAA PAPER 83-1863] p 501 A83-38690
- The impact of computational aerodynamics on aircraft design [AIAA PAPER 83-2060] p 596 A83-41901
- An application of parameter identification to the oscillatory motion of an airplane at high C(L) [AIAA PAPER 83-2067] p 623 A83-41905
- Influence of airplane components on rotational aerodynamic data for a typical single-engine airplane [AIAA PAPER 83-2135] p 579 A83-41957
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- Universities - Have they a role in aeronautical research? Aerodynamics p 580 A83-42621
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- The way to the supercritical wing p 661 A83-46483
- Numerical aerodynamics - Replacement of analytical solutions and/or the experiment by the supercomputer? p 661 A83-46485
- An experimental investigation of endwall heat transfer and aerodynamics in a linear vane cascade [ASME PAPER 83-GT-52] p 714 A83-47909
- Recent applications of a laser velocimeter in the Langley 4by 7-meter Wind Tunnel p 765 A83-50145
- Comparison of analytical and experimental subsonic steady and unsteady pressure distributions for a high-aspect-ratio-supercritical wing model with oscillating control surfaces [NASA-TM-84490] p 9 N83-10017
- Stability and control for high angle of attack maneuvering p 50 N83-10069

- Journal of Aeronautics  
[AD-A118185] p 6 N83-11035  
The transition and dynamics of bounded and free shear layers  
[AD-A118665] p 217 N83-12380  
Applied computational transonic aerodynamics  
[AD-A121012] p 137 N83-14064  
AFWAL FY81 technical accomplishments  
[AD-A120682] p 191 N83-16253  
Comparison of rotor analysis results with aerodynamic windtunnel data p 194 N83-17487  
Development of aerodynamic prediction methods for irregular planform wings  
[NASA-CR-3664] p 195 N83-17515  
Advanced theoretical treatments of propeller aerodynamics p 244 N83-18654  
Flow visualization techniques for the study of high incidence aerodynamics p 245 N83-18686  
Vibration in turbomachinery A bibliography of research reports (1966 - 1981)  
[CUED/A-TURBO-TR-109] p 301 N83-19129  
Improved dynamic models for air combat analysis  
[AD-A121379] p 305 N83-19562  
Advanced compressor components for aero engines Phase 2 (1980-1981)  
[BMFT-FB-W-82-022] p 394 N83-23311  
Influence of blade tip clearance on aerodynamically induced vibration  
[AD-A123125] p 394 N83-23312  
Aeronautical Engineering A continuing bibliography with indexes, supplement 160, April 1983  
[NASA-SP-7037(160)] p 373 N83-24466  
Feasibility study of three-dimensional holographic interferometry for aerodynamics  
[NASA-CR-186483] p 483 N83-27845  
On issues concerning flow separation and vortical flows in 3 dimensions  
[NASA-TM-B4374] p 504 N83-27961  
Propeller noise prediction  
[NASA-TM-85636] p 571 N83-28984  
A numerical study of Strake aerodynamics  
[AD-A125882] p 506 N83-29182  
Numerical simulation of vortex breakdown by the vortex-filament method  
[NASA-TM-B4334] p 563 N83-29636  
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[AD-A128248] p 577 N83-31571  
Contribution to the aerodynamic study of wings and propellers  
[NASA-TM-77083] p 584 N83-31579  
High Temperature Turbine Technology Program Phase 2 Technology test and support studies  
[DE83-008933] p 699 N83-33173  
A holographic interferometry technique for measuring transonic flow near a rotor blade  
[NASA-TM-84405] p 702 N83-34278  
High-temperature-turbine technology program Phase 2 Technology test and support studies Transpiration cooled turbine vane aerodynamic cascade results and analysis  
[DE83-010307] p 765 N83-35404  
Transactions of the Japan Society for Aeronautical and Space Sciences, Vol 25, No 68  
[ISSN-0549-3811] p 766 N83-36396  
Development of high loading, high efficiency axial flow turbine p 749 N83-36399  
A numerical study of flow past a rotating flat plate by the discrete vortex method p 766 N83-36401
- AEROELASTIC RESEARCH WINGS**  
The design, testing and analysis of aeroelastically tailored transonic flutter model wings  
[AIAA 83-1027] p 330 A83-29876
- AEROELASTICITY**  
Prediction of transonic flutter for a supercritical wing by modified strip analysis p 62 A83-10190  
Swept composite wing aeroelastic divergence experiments p 29 A83-10193  
Quadratic synthesis of integrated active controls for an aeroelastic forward-swept-wing-aircraft p 47 A83-12458  
Nonlinear flapping vibrations of rotating blades p 66 A83-13004  
In-flight deflection measurement of the HiMAT aeroelastically tailored wing p 189 A83-13167  
An analytical pilot rating method for highly elastic aircraft p 203 A83-14843  
Numerical prediction of choking flutter of axial compressor blades  
[AIAA PAPER 83-0006] p 160 A83-16458  
Investigation of dynamic characteristics of an elastic wing due to correction of mass and stiffness matrices  
[AIAA PAPER 83-0653] p 150 A83-16818  
Aeroelasticity of helicopter rotors in forward flight p 180 A83-17316
- Dynamic analysis of constant-lift and free-tip rotors p 181 A83-18386  
Stability of two-bladed aeroelastic rotors on flexible supports p 152 A83-18387  
Model attitude and deformation measurement in wind tunnel  
[ONERA, TP NO 1982-91] p 181 A83-18428  
Flutter of orthotropic panels in supersonic flow using affine transformations p 228 A83-19821  
A test stand for studying transient phenomena in aerodynamic turbomachine cascades p 218 A83-20913  
The aeroelastic behavior of curved helicopter blades in hovering and axial flight p 203 A83-21017  
Design, analyses, and model tests of an aeroelastically tailored lifting surface p 204 A83-22155  
Development of the basic methods needed to predict helicopters' aeroelastic behaviour  
[ONERA, TP NO 1982-75] p 232 A83-23248  
Helicopter-rotor aeroelastic equilibrium under nonlinear aerodynamic forces p 261 A83-23679  
Friction damping of flutter in gas turbine engine airfoils p 274 A83-24038  
State-space aeroelastic modeling and its application in flutter calculation p 300 A83-26761  
The coupled aeroelastic response of turbomachinery blading to aerodynamic excitations  
[AIAA 83-0844] p 357 A83-29822  
Flutter and forced response of mistuned rotors using standing wave analysis  
[AIAA 83-0845] p 357 A83-29823  
Effects of viscosity on transonic aerodynamic and aeroelastic characteristics of oscillating airfoils  
[AIAA 83-0888] p 312 A83-29835  
Aeroelastic tailoring of rotor blades for vibration reduction in forward flight  
[AIAA 83-0916] p 329 A83-29844  
Aeroelastic considerations for continuous patrol/high altitude surveillance platforms  
[AIAA 83-0924] p 329 A83-29850  
Active suppression of aeroelastic instabilities on a forward swept wing  
[AIAA 83-0991] p 341 A83-29869  
Anti-flutter control concept using a reduced non-linear dynamic model of elastic structure aircraft  
[AIAA 83-0993] p 341 A83-29870  
Wind tunnel correlation study of aerodynamic modeling for F/A-18 wing-store tip-missile flutter  
[AIAA 83-1028] p 331 A83-29877  
On measuring transonic dips in the flutter boundaries of a supercritical wing in the wind tunnel  
[AIAA 83-1031] p 331 A83-29878  
Comparison of frequency determination techniques for cantilevered plates with bending-torsion coupling  
[AIAA 83-0953] p 358 A83-29885  
Aeroelastic stability of an elastic circulation control rotor blade in hover  
[AIAA PAPER 83-0985] p 387 A83-32785  
Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight p 433 A83-33506  
Nonlinear supersonic flutter of panels considering shear deformation and rotary inertia p 473 A83-34315  
Integro-differential equations of the dynamics of elastic systems in nonstationary flows -- flight vehicle dynamics in turbulent nonseparated flow p 474 A83-35933  
Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight p 431 A83-35948  
The effect of a normal shock on the aeroelastic stability of a panel  
[ASME PAPER 83-APM-28] p 493 A83-37381  
X-29 forward swept wing aerodynamic overview  
[AIAA PAPER 83-1834] p 520 A83-38663  
The dynamics of a helicopter rotor structure p 523 A83-39485  
Aeroelastic optimization of orthotropic rectangular flat panels p 639 A83-40675  
Aeroelastic interactions with flight control (A survey paper)  
[AIAA PAPER 83-2219] p 621 A83-41700  
Control of forward swept wing aeroelastic instabilities using active feedback systems  
[AIAA PAPER 83-2220] p 621 A83-41701  
Pilot modeling and closed-loop analysis of flexible aircraft in the pitch tracking task  
[AIAA PAPER 83-2231] p 621 A83-41709  
A modal analysis of flexible aircraft dynamics with handling qualities implications  
[AIAA PAPER 83-2074] p 624 A83-41911  
Numerical analysis of natural, coupled, longitudinal-lateral vibrations of an asymmetric aeroplane p 641 A83-42334  
Formulation and solution of rotary wing aeroelastic stability and response problems p 600 A83-43673  
Investigations of hingeless rotor stability p 600 A83-43674
- Aeroservoelasticity in the time domain --- for YF-16 aircraft p 687 A83-43965  
Performing literal calculation with a micro-computer --- symbolic calculations applied to aeroelasticity problem p 705 A83-45980  
Substructuring and wave propagation - An efficient technique for impeller dynamic analysis  
[ASME PAPER 83-GT-150] p 741 A83-47969  
Flutter of mistuned turbomachinery rotors  
[ASME PAPER 83-GT-153] p 761 A83-47979  
International Symposium on Aeroelasticity, Nuremberg, West Germany, October 5-7, 1981, Collected Papers [DGLR BERICHT 82-01] p 711 A83-49176  
Aeroelasticity at separated flow - Concepts and prospects p 716 A83-49177  
Survey of aeroelastic wind tunnel and flight testing methods at MBB p 753 A83-49181  
Practical applications of system identification in flutter testing p 753 A83-49182  
Experience from flight flutter testing with tip vanes on Airbus p 730 A83-49183  
Survey of the state of the art in modern ground vibration testing p 753 A83-49184  
Structural optimization with aeroelastic constraints - A survey of US applications p 764 A83-49188  
Aeroelastic considerations for automatic structural design procedures p 730 A83-49189  
The F-4 flutter suppression program p 730 A83-49192  
Parametric tip effects for conformable rotor applications p 732 A83-50140  
A new capability for elastic aircraft airloads via NASTRAN p 218 N83-12464  
Time-variant aerodynamics for translational motion of large-turning airfoils p 203 N83-13105  
[AD-A118884] p 220 N83-13476  
An aeroelastic analysis of the Darnes wind turbine  
Flutter substantiation tests on a Transavia PL-12/T-300 Airtruk  
[AD-A118895] p 170 N83-14134  
Measurements of self-excited rotor-blade vibrations using optical displacements p 183 N83-14523  
[NASA-TM-82953] p 206 N83-16335  
Survey of active and passive means to reduce rotorcraft vibrations  
[MBB-UD-350] p 216 N83-16349  
Dynamic structural aeroelastic stability testing of the XV-15 tilt rotor research aircraft  
[NASA-TM-84293] p 235 N83-17482  
Aeroelastic equilibrium of an helicopter rotor with nonlinear aerodynamic forces  
The estimation method on flutter boundary from subcritical random responses due to air turbulences  
Problems of test procedures and data analysis  
[NAL-TR-718] p 217 N83-17554  
Vibration in turbomachinery A bibliography of research reports (1966 - 1981)  
[CUED/A-TURBO-TR-109] p 301 N83-19129  
Introductory survey of aeroelastic problems in separated and transonic flow p 313 N83-20895  
The phenomenon of dynamic stall p 314 N83-20896  
Dynamic response of aircraft with fluctuating flow fields p 341 N83-20897  
Aeroelastic buffeting prediction technique A general review p 341 N83-20898  
Some remarks on buffeting p 341 N83-20899  
Unsteady aerodynamic and aeroelastic properties on control surfaces in transonic flow p 314 N83-20902  
Comparison of computed and measured unsteady pressure fields of a supercritical wing p 314 N83-20903  
Aeroelastic problems of wings in transonic flow p 314 N83-20904  
Wind tunnel wall interference in unsteady transonic testing p 346 N83-20905  
Unsteady airloads on oscillating wings in post-stall condition p 314 N83-20906  
Enhanced manual controllability via active control of aeroelastic vehicles  
[NASA-CR-170118] p 342 N83-20952  
On the use of adaptive walls for transonic wind tunnel testing p 348 N83-20969  
Aeroelastic instability stoppers for wind tunnel models  
[NASA-CASE-LAR-12458-1] p 361 N83-21503  
Aeroelastic instability stoppers for wind tunnel models  
[NASA-CASE-LAR-12720-1] p 361 N83-21504  
Simplified aeroelastic modeling of horizontal axis wind turbines p 361 N83-21509  
[NASA-CR-168109] p 316 N83-22163  
Aeroelastic loads prediction for an arrow wing Task 1 Evaluation of R P White's method  
[NASA-CR-3640] p 316 N83-22163



- Aeroelastic loads prediction for an arrow wing Task 2 Evaluation of semi-empirical methods [NASA-CR-3641] p 318 N83-22184
- Recent Transonic Flutter Investigation for Wings and External Stores [AD-A128162] p 345 N83-22215
- Flutter and steady/unsteady aerodynamic characteristics of supercritical and conventional transport wings p 345 N83-22218
- Loads and performance data from a wind-tunnel test of model articulated helicopter rotors with 2 different blade torsional stiffnesses [NASA-TM-84573] p 377 N83-24471
- Aeroelastic loads prediction for an arrow wing. Task 3 Evaluation of the Boeing three-dimensional leading-edge vortex code [NASA-CR-3642] p 377 N83-24479
- Flutter prediction in forward-swept wings by assumed modes and strip theory [AD-A124715] p 481 N83-25719
- Static aeroelastic analysis of flexible wings via NASTRAN, part 1 [AD-A124662] p 477 N83-26099
- Vibration and aeroelastic facility [AD-A126317] p 549 N83-29275
- Dynamic structural aeroelastic stability testing of the XV-15 tilt rotor research aircraft p 628 N83-30376
- Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft p 628 N83-30380
- Investigation of limit cycle response of aerodynamic surfaces with structural nonlinearities [AD-A127140] p 584 N83-31580
- Aeroelasticity in turbomachine-cascades [AD-A127709] p 618 N83-31605
- The FFA wing body 83 computer program. A panel method for determination of aeroelastic characteristics at subsonic and supersonic speeds [FFA-TN-1983-3] p 685 N83-32780
- AEROMANEUVERING**
- A small parameter method in problems of maneuvering space vehicles with aerodynamic efficiency p 467 A83-34849
- AERONAUTICAL ENGINEERING**
- Aeronautical research - Some current influences and trends /The Second Sir Fredenck Page Lecture/ p 3 A83-12851
- The design of a packet switched network for aeronautical data interchange p 185 A83-14862
- Highlights of the new national aeronautical research and technology policy p 175 A83-16374
- Aerospace highlights 1982 p 225 A83-16375
- Operator influences on aircraft design p 371 A83-31813
- Brng cohesion to handling-qualities engineering p 434 A83-35772
- Computer-aided engineering - The AI connection p 569 A83-40307
- Universities - Have they a role in aeronautical research? Noise research p 652 A83-42617
- Universities - Have they a role in aeronautical research? Contribution to RAES discussion evening - university department planning for aeronautical research p 654 A83-42620
- New computers will aid advanced designs p 704 A83-44102
- Technology transfer from the aircraft sector to other sectors as exemplified by helicopter technology p 709 A83-47190
- The increase in the cost effectiveness of the construction of and preparation of manufacturing processes for flight equipment through integrated and graphic data processing-CAD/CAM p 759 A83-47191
- Aircraft design (3rd revised and enlarged edition) - Russian book p 726 A83-48100
- Consolidated TPS implementation today and tomorrow - quality Test Program Sets for aircraft industry [AIAA PAPER 83-2495] p 763 A83-48350
- National Aeronautics and Space Administration p 74 N83-10989
- Aeronautics research and technology. A review of proposed reductions in the FY 1983 NASA program [NASA-CR-169386] p 224 N83-13024
- Aeronautics research and technology program and specific objectives [NASA-TM-85163] p 176 N83-13059
- Government financial support for civil aircraft research, technology and development in four European countries and the United States [NASA-CR-169537] p 225 N83-14022
- Chinese aviation in the eyes of American experts [AD-A118961] p 128 N83-14063
- Revised Structural Technology Evaluation Program (STEP) user's manual for structural synthesis [AD-A118964] p 184 N83-14532
- Aeronautical research and technology policy. Volume 1 Summary report p 187 N83-17452
- Activities report of the French aerospace and research industry p 221 N83-17564
- Manufacturing processes for aeronautical structures p 227 N83-17620
- A study of real-time computer graphic display technology for aeronautical applications [NASA-CR-169828] p 236 N83-18307
- Ames Research Center overview p 243 N83-20831
- Economic analysis of aeronautical research and technology [NASA-CR-170083] p 368 N83-22025
- Helicopter technology benefits and needs. Volume 1 Summary [NASA-CR-166469-VOL-1] p 368 N83-23240
- Helicopter technology benefits and needs. Volume 2 Appendices [NASA-CR-166470-VOL-2] p 369 N83-23241
- Aeronautical research and technology policy, volume 2 p 372 N83-23268
- Aeronautical Engineering. A continuing bibliography with indexes, supplement 160, April 1983 [NASA-SP-7037(160)] p 373 N83-24466
- Aviation Executive Conference [AD-A124581] p 416 N83-25654
- Some historical trends in the research and development of aircraft [NASA-TM-84665] p 417 N83-26785
- Who knows? Selected information resources on aeronautics and astronautics p 573 N83-29123
- [SL-82-32] p 573 N83-29123
- National Aeronautics and Space Administration research and development, including space flight, control and data communications p 573 N83-29134
- Unified theory of motion of inner planets p 655 N83-30457
- A life cycle cost management primer for use within the Aeronautical Systems Division [AD-A127267] p 654 N83-31519
- Force method optimization II. Volume 2 User's manual [AD-A128235] p 652 N83-32387
- Records of achievement. NASA special publications [NASA-SP-470] p 708 N83-33792
- Our first quarter century of achievement. Just the beginning [NASA-NEWS-RELEASE-83-132] p 708 N83-34882
- (?) The Air Force Geophysics Laboratory. Aeronomy, aerospace instrumentation, space physics, meteorology, terrestrial sciences and optical physics [AD-A126004] p 767 N83-36570
- AERONAUTICS**
- Helicopter evolution p 127 A83-18384
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- Deutsche Forschungs- und Versuchsanstalt fuer Luft- und Raumfahrt, Annual Report 1981 - Book p 241 A83-23850
- Aeronautics - A coop aerospace education program at University of Sherbrooke, Canada [AIAA PAPER 83-2474] p 770 A83-48340
- USSR report. Transportation, no 98 [JPRS-82053] p 176 N83-13060
- AEROSOLS**
- Arctic haze and the Arctic gas and aerosol sampling program /AGASP/ [AIAA PAPER 83-0439] p 188 A83-16714
- Estimation regarding the feasibility of using larger distances in measurements with L2F systems in flight tests - Laser-two-Focus p 300 A83-26487
- The distribution of the disperse fraction of a polydisperse jet injected into a gas flow p 473 A83-34472
- The effect of additives on the aerosolization of JP-5 jet fuel [AD-A119324] p 178 N83-14294
- AEROSPACE ENGINEERING**
- National Aerospace Meeting, Moffett Field, CA, March 24, 25, 1982, Proceedings p 322 A83-28776
- Fundamentals of flight - Book p 371 A83-30152
- Annual Mini-Symposium on Aerospace Science and Technology, 9th, USAF, Institute of Technology, Wright-Patterson AFB, OH, March 22, 1983, Proceedings p 575 A83-42526
- Shot peening for advanced aerospace design, Proceedings of the Aerospace Congress and Exposition, Anaheim, CA, October 25-28, 1982 p 696 A83-45872
- Optical data processing for aerospace applications p 768 A83-47657
- Aeronautics - A coop aerospace education program at University of Sherbrooke, Canada [AIAA PAPER 83-2474] p 770 A83-48340
- Formulation of a helicopter preliminary design course [AIAA PAPER 83-2521] p 728 A83-48363
- Methods for teaching aerospace vehicle design [AIAA PAPER 83-2475] p 771 A83-49582
- COSAM (Conservation Of Strategic Aerospace Materials) program overview p 61 N83-11282
- Research and technology annual report, 1982 [NASA-TM-83006] p 192 N83-16273
- Specific examples of aerospace applications of composites p 227 N83-17621
- AGARD Bulletin Meetings, publications, membership [AGARD-BULL-83/1] p 417 N83-26786
- Advantage of resonant power conversion in aerospace applications [NASA-TM-83399] p 536 N83-27994
- Who knows? Selected information resources on aeronautics and astronautics [SL-82-32] p 573 N83-29123
- Records of achievement. NASA special publications [NASA-SP-470] p 708 N83-33792
- Transactions of the Japan Society for Aeronautical and Space Sciences, Vol 25, No 68 [ISSN-0549-3811] p 766 N83-36396
- AEROSPACE ENVIRONMENTS**
- Accelerated corrosion testing [AD-A125639] p 553 N83-28211
- AEROSPACE INDUSTRY**
- The development of standards for the common ICAO Data Interchange Network /CIDIN/ p 230 A83-22027
- Cost factors and approach methodology in selecting structural materials and manufacturing technologies [AIAA 83-0791] p 368 A83-29730
- Titanium powder metallurgy components for advanced aerospace applications [AIAA 83-0982] p 351 A83-29789
- Changing the course of U.S. aviation p 371 A83-30830
- High-technology factory of the future p 405 A83-31052
- Manufacturer's liability in international aerospace - A view from the United States p 572 A83-39696
- The reaction motors division - Thiokol Chemical Corporation - management history of aerospace rocket engine products [IAF PAPER 83-289] p 755 A83-47330
- Aeronautical research and technology policy. Volume 1 Summary report p 187 N83-17452
- Aeronautical research and technology policy, volume 2 p 372 N83-23268
- Advantage of resonant power conversion in aerospace applications [NASA-TM-83399] p 536 N83-27994
- Combustion Fundamentals Research [NASA-CP-2268] p 537 N83-29208
- Considerations of technology transfer barriers in the modification of strategic superalloys for aircraft turbine engines [NASA-TM-83395] p 554 N83-29360
- Aerospace industry materials. Choice criteria and needs to be met [SNIAAS-831-502-101] p 658 N83-32742
- AEROSPACE MEDICINE**
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- USAF Environmental Noise Data Handbook. Volume 150 C-140 in-flight crew noise [AD-A120508] p 238 N83-17246
- USAF Bioenvironmental Noise Data Handbook. Volume 152 C-12A in-flight crew noise [AD-A120509] p 238 N83-17247
- Human Factors Aspects of Aircraft Accidents [AD124287] p 188 N83-17490
- AEROSPACE SAFETY**
- Land development, tall buildings and airport operations [AIAA PAPER 83-1581] p 398 A83-33353
- AEROSPACE SCIENCES**
- Aerospace highlights 1982 p 225 A83-16375
- Annual Mini-Symposium on Aerospace Science and Technology, 9th, USAF, Institute of Technology, Wright-Patterson AFB, OH, March 22, 1983, Proceedings p 575 A83-42526
- Our first quarter century of achievement. Just the beginning [NASA-NEWS-RELEASE-83-132] p 708 N83-34882
- AEROSPACE SYSTEMS**
- The Avdel MBC aerospace blind riveting system p 62 A83-10870
- NAECON 1982, Proceedings of the National Aerospace and Electronics Conference, Dayton, OH, May 18-20, 1982. Volumes 1, 2 & 3 p 2 A83-11083
- The reliability of aviation systems - Russian book p 299 A83-25621
- Optical data processing for aerospace applications p 768 A83-47657

Algorithm for Surface of Translation Attached Radiators (A-STAR) Volume 1 Formulation of the analysis [AD-A118459] p 217 N83-12318  
 Technical and secretariat support of the MIL-STD-1515 fastener standardization effort [AD-A119828] p 232 N83-16760

**AEROSPACE TECHNOLOGY TRANSFER**

New technologies from developments in air transport and space travel [DGLR PAPER 82-074] p 310 A83-24188  
 Technology and engine demonstrator programs [AIAA PAPER 83-1064] p 457 A83-36464  
 Application of advanced CAD/CAM procedures in areas other than air transport technology p 759 A83-47189  
 Technology transfer from the aircraft sector to other sectors as exemplified by helicopter technology p 709 A83-47190  
 Use of flight engine technology in stationary industrial gas turbines and diesel motors p 760 A83-47203  
 The application of aeronautical technology to the construction of machines and vehicles p 710 A83-47214

Considerations of technology transfer barriers in the modification of strategic superalloys for aircraft turbine engines [NASA-TM-83395] p 554 N83-29360

Modern Display Technologies for Airborne Applications [AD-A129876] p 610 N83-30414

**AEROSPACE VEHICLES**

The ideas of F. A. Tsander and an assessment of the application of jet engines for the acceleration of aerospace vehicles p 221 A83-22657

Aerospace technology demonstrators/research and operational options [AIAA PAPER 83-1054] p 438 A83-36465  
 Calculation of inviscid air capture and additive drag for 3-D supersonic inlet flows p 685 N83-33889

**AEROSPACE PLANES**

Air Force Aeronautical Systems the 1990's - A major shift [AIAA PAPER 83-2433] p 711 A83-49576

**AEROTHERMOCHEMISTRY**

Gaseous emissions of gas turbine combustors [AIAA PAPER 83-0242] p 160 A83-16608

**AEROTHERMODYNAMICS**

Axial-compressor flow distortion with water ingestion [AIAA PAPER 83-0004] p 160 A83-16456  
 Improved fault detection in the hot section of turbojet engines by individual monitoring procedures p 210 A83-19666

Investigation of unsteady temperature fields of nonaxisymmetric nozzle inserts p 764 A83-49667  
 Opportunities for research in aerothermodynamics [NASA-TM-83348] p 394 N83-24506

Transient heat-transfer measurement technique in wind tunnel and data analysis technique using system identification theory [AD-A124663] p 424 N83-25669

Aerothermodynamics of axial-flow compressors with water ingestion p 504 A83-27953  
 An overview of engine dynamic response and mathematical modeling concepts p 542 N83-29262  
 Aerothermal modeling program, phase 1 [NASA-CR-168202] p 645 N83-30959

Thermodynamic and flow mechanical problems in aircraft and spacecraft drives Summary of work and results for 1980, 81, 82 p 707 N83-34822

**AFTERBODIES**

Comparison of computational and experimental jet effects p 7 A83-10185

Effects of various empennage parameters on the aerodynamic characteristics of a twin-engine afterbody model [AIAA PAPER 83-0085] p 130 A83-16511

Vectored thrust afterbody nozzles for future combat aircraft p 448 A83-35859

Empennage/afterbody integration for single and twin-engine fighter aircraft [AIAA PAPER 83-1126] p 420 A83-36235

Flow over a biconic configuration with an afterbody compression flap - A comparative numerical study [AIAA PAPER 83-1668] p 491 A83-37179

An afterbody drag prediction technique for military airlifters [AIAA PAPER 83-1787] p 496 A83-38627

Computational method of the drag of axisymmetric afterbodies in subsonic flow [AIAA PAPER 83-2079] p 578 A83-41913

Fluid Dynamics Panel Symposium on Aerodynamics of Power Plant Installation [AGARD-AR-173] p 45 N83-11138

An experimental investigation of the influence from controls on supersonic axisymmetric flow over afterbodies with a centered propulsive jet [FFA-TN-1982-50] p 377 N83-23280

Effects of twin-vertical-tail parameters on twin-engine afterbody/nozzle aerodynamic characteristics --- Langley 16-ft transonic tunnel tests [NASA TP-2158] p 377 N83-24478

Effect of empennage location on twin-engine afterbody-nozzle aerodynamic characteristics at Mach Numbers from 0.6 to 1.2 --- wind tunnel tests [NASA TP-2116] p 424 N83-25666

Lessons from Tornado afterbody development p 604 N83-30366

Drag of axisymmetric cowl at zero incidence for subsonic Mach numbers [ESDU-81024] p 664 N83-32760

**AFTERBURNING**

Calculation of pressure losses in the diffusers of mixing afterburners p 273 A83-23445  
 Experimental research on perforated acoustic liners in turbojet engine afterburners p 165 N83-15256

Throttle handling related to J85 engine performance and durability Canadian forces experience p 541 N83-29249

Operational and maintenance aspects of the introduction of an advanced fighter type p 491 N83-29250

A new approach to reheat control p 543 N83-29268

Tests for inlet distortion in a two-spool turbojet engine on the ground test bed p 683 N83-32733

**AGING (MATERIALS)**

Aging and performance of structural film adhesives I A comparison of two high-temperature curing, epoxy-based systems p 223 A83-21048

Flight systems safety program [DE82-021833] p 413 N83-25529

Construction of a natural environment aging machine with independent energy supply, for load cycles on aircraft structures [SNIA83-551-101] p 765 N83-35426

**AGING (METALLURGY)**

Coarsening and solutioning of precipitates in superalloys [NLR-TR-81114-U] p 404 N83-23422

**AGRICULTURAL AIRCRAFT**

Thunder power for executive and ag-aircraft p 39 A83-10866  
 Putting the microlight to work p 241 A83-23686

The design integration of wingtip devices for light general aviation aircraft [NASA-TM-83252] p 30 N83-10034

**AGRICULTURE**

Airborne reconnaissance in the civilian sector - Agricultural monitoring from high-altitude powered platforms p 566 A83-39939

USSR report Transportation, no 98 [JP83-82053] p 176 N83-13060

**AGRISTARS PROJECT**

Program to compute the positions of the aircraft and of the aircraft sensor footprints [E83-10139] p 234 N83-16814

**AH-1G HELICOPTER**

The significant elements of the reliability and maintainability programs for the modernized Cobra helicopter weapons/weapons control systems p 406 A83-31499

**AH-64 HELICOPTER**

Fault Detection/Location System for intermediate and tail rotor gearboxes p 299 A83-24835

Apache on the war path - The Hughes AH-64 in production at last p 385 A83-31939

AH4 automatic test equipment requirements [AD A122879] p 401 N83-23330

**AILERONS**

Decomposition method for minimizing the weight of the load-carrying structure of a swept wing with allowance for the conditions of static strength and prescribed aileron efficiency p 556 A83-37514

Unsteady aerodynamic forces and flutter analysis for a wing-aileron-tab configuration p 643 A83-43688

Stability and control characteristics Including aileron hinge moments of a model of a supercritical-wing research airplane [NASA-TM X-2929] p 4 N83-11024

Effects of differential and symmetrical aileron deflection on the aerodynamic characteristics of an NASA supercritical-wing research airplane model [NASA-TM-X-3231] p 12 N83-11073

Wind tunnel force and pressure tests [NASA-CR 3439] p 190 N83-16287

Advanced composite aileron for L-1011 transport aircraft Ground tests and flight evaluation [NASA-CR-165664] p 606 N83-30405

Advanced composite aileron for L-1011 transport aircraft Design and analysis [NASA-CR-165635] p 606 N83-30406

Advanced composite aileron for L-1011 transport aircraft Aileron manufacture [NASA-CR 165718] p 635 N83-30522

Sonic fatigue testing of the NASA L-1011 composite aileron p 607 N83-30796

**AIR**

Evaluation of advanced airplane fire extinguishants [AIAA PAPER 83-1141] p 508 A83-38076

**AIR BAG RESTRAINT DEVICES**

Air bag restraint attenuation system for the AQM-34V remote piloted vehicle p 29 A83-10188

**AIR BREATHING ENGINES**

International Symposium on Air Breathing Engines, 6th, Paris, France, June 6-10, 1983, Symposium Papers p 445 A83-35801

Closed-loop engine fuel system simulation [SAE PAPER 821374] p 532 A83-37964

Axisymmetric nose inlet effects on supersonic airloads p 503 A83-40008

Strong pressure waves in air breathing engines p 715 A83-48216

Abstracts 1982 AFOSR Contractors Meeting on Air Breathing Combustion Dynamics Research [AD-A121647] p 351 N83-21062

Transitory stall in diffusers [AD-A122953] p 394 N83-23315

NASA propulsion controls research [NASA-TM-83343] p 458 N83-25711

**AIR CARGO**

Overview of the air cargo industry [AIAA PAPER 83-1607] p 380 A83-33369

Aircraft design trends for cargo compatibility [AIAA PAPER 83-1609] p 380 A83-33370

Airport Air cargo compatibility [AIAA PAPER 83-1610] p 380 A83-33371

New concept for low cost VTOL cargo delivery capability [AIAA PAPER 83-2207] p 584 A83-41691

International Forum for Air Cargo, 11th, New York, NY, September 27-30, 1982, Proceedings p 668 A83-45900

Challenges for military airlift in the 1990's [AIAA PAPER 83-2437] p 719 A83-48327

Impact of advanced air transport technology Part 2 The air cargo system, background paper [PB82-186818] p 221 N83-12919

Sandia Aircraft Crashfire Facility [DE82-004297] p 198 N83-16313

A reappraisal of transport aircraft needs 1985 - 2000 Perceptions of airline management in a changing economic, regulatory, and technological environment [NASA-CR-165887] p 249 N83-18701

A study of dirigibles for use in the Peruvian Selva Central Region [NASA-TM-85633] p 314 N83-20916

A study of dirigibles for use in the Peruvian Selva Central region [NASA-TM-85634] p 315 N83-20917

Air transportable AS32/P-4 crash rescue vehicle [AD-A128068] p 669 N83-33864

**AIR CONDITIONING**

A mathematical model on the thermal behaviour of an aircraft cabin --- Thesis p 676 A83-46691

**AIR CONDITIONING EQUIPMENT**

Environmental control subsystems flight test handbook [AD-A126872] p 606 N83-30408

**AIR COOLING**

Evaluation of air cooled SIG4 vanes p 224 A83-22263

Features of the selection of the basic parameters of cooled GTE turbines p 211 A83-22655

Low power, air cooled DC-Link aircraft generation systems p 336 A83-27324

Results of an experimental study of the thermal state of blades in turbines with partial root cooling p 614 A83-42138

Thermodynamic efficiency of air injection into the radial clearance of the turbine of a turbojet engine p 614 A83-42139

Developments in air cooling of gas turbine vanes and blades [ASME PAPER 83-GT 160] p 742 A83-47984

Tip cap for a rotor blade [NASA-CASE-LEW-13654-1] p 164 N83-14129

Application of the finite element method to the solution of transient two-dimensional temperature field for air-cooled turbine blade p 301 N83-18958

Air modulation apparatus --- cooling gas turbine engines [NASA-CASE-LEW-13524-1] p 645 N83-30957

Characteristics of a fluted nozzle gas eductor system -- gas turbine exhaust gas cooling systems [AD-A128065] p 702 N83-34241

Use of cooling air heat exchangers as replacements for hot section strategic materials [NASA-TM-83494] p 747 N83-34946

## SUBJECT INDEX

### AIR CUSHION LANDING SYSTEMS

- Design and experimentation within the Mobility Development Laboratory (MDL) utilizing the Static and Dynamic Test Machines p 630 A83-42549
- Braking and cornering studies on an air cushion landing system [NASA-TP-2196] p 733 N83-34935

### AIR DEFENSE

- Tactical three-dimensional air surveillance radar p 17 A83-10259
- Missile guidance electromagnetic sensors p 723 A83-48769
- Semi-active radar guidance p 723 A83-48771
- AH-1 Air Ground Engagement Simulation/air defense (AGES/ADES) pod jettison evaluation [AD-A122623] p 332 N83-20939

### AIR DROP OPERATIONS

- C-141 operations in Bright Star 82 p 14 A83-12224
- Static testing to evaluate airtanker delivery performance --- distribution of flame retardants in forest fires [PB82-179948] p 194 N83-12079
- Wind tunnel investigation of cargo extraction parachutes in the wake of a Lockheed C-141B Starlifter aircraft [AD-A124523] p 425 N83-25675

### AIR FILTERS

- Aviation filters for fuels, oils, hydraulic fluids, and air --- Russian book p 327 A83-28813
- An airbody drag prediction technique for military airlifters [AIAA PAPER 83-1787] p 496 A83-38627

### AIR FLOW

- A new use for NWC's wind machine - Parachute testing p 207 A83-15309
- Prediction of liquid fuel spray capture by v-gutter downstream of plan orifice injector under uniform cross air-flow [AIAA PAPER 83-0153] p 160 A83-16559
- Non-linear effect in high speed rotor noise p 190 A83-18393
- On the simulation of the hypervelocity regime of flow past bodies in wind tunnels p 312 A83-27714
- The acoustic response of a propeller subjected to gusts incident from various inflow angles [AIAA PAPER 83-0692] p 366 A83-28010
- Sound propagation in ducts with impedance walls in the presence of an air flow II - Optimization of acoustic attenuation in ducts p 570 A83-37512
- The use of pressure fluctuations on the nose of an aircraft for measuring air motion p 566 A83-39118
- Demands on the air system of modern aircraft engines p 583 A83-46491
- Combustion experiments with a new burner air distribution concept [ASME PAPER 83-GT-31] p 737 A83-47893
- A compact diffuser system for annular combustors [ASME PAPER 83-GT-43] p 738 A83-47903
- Experimental investigation of fuel distribution in a transverse stream p 743 A83-48008
- On the energy characteristics of the aerodynamic matrix and the relationship to possible flutter p 715 A83-48144
- Experimental program for the evaluation of turbofan/turboshaft conversion technology [NASA-TM-82988] p 44 N83-11130
- Tridimensional computation of the flow in helicopter air intakes [PB82-204512] p 194 N83-13093
- Design of a new contraction, wide angle diffuser and flow manipulators for the low speed wind tunnel [AD-A119544] p 175 N83-14144
- Flight evaluation of an engine static pressure noseprobe in an F-15 airplane [NASA-CR-163109] p 214 N83-17546
- Manufacture of a hot wire target element for a cloud liquid water content meter [AD-A122111] p 304 N83-20500
- Adaptive-wall wind-tunnel research at Ames Research Center p 349 N83-20972
- Flow control about an airborne laser turret [AD-A123058] p 407 N83-23595
- Miniature electro-optical air flow sensor [NASA-CASE-LAR-13065-1] p 413 N83-25539
- Wind tunnel investigation of cargo extraction parachutes in the wake of a Lockheed C-141B Starlifter aircraft [AD-A124523] p 425 N83-25675
- An experimental/analytical investigation into the performance of a 20-percent thick, 8 5-percent cambered, circulation controlled airfoil [AD-A124732] p 441 N83-25701
- Generalization of the air-jet propulsion systems, the 'N' flow turbo-jet engine [AD-A123932] p 459 N83-25715
- Design of choking cascade turns [AD-A124792] p 477 N83-26023

- Injection, atomization, ignition and combustion of liquid fuels in high-speed air streams p 471 N83-27033
- [AD-A125237] Studies on the cryogenic induction driven wind-tunnel T2 p 548 N83-28004
- Wind-tunnel research of flowfields within naturally ventilated rooms of simple geometry [DE83-008110] p 644 N83-30813
- Estimation of windmilling drag and airflow of turbo-jet and turbo-fan engines [ESDU-81009] p 677 N83-32789
- Preliminary tests of an advanced high-temperature combustion system [NASA-TP-2203] p 686 N83-33893
- Expanded operational capabilities of the Langley Mach 7 Scramjet test facility [NASA-TP-2188] p 754 N83-36039

### AIR INTAKES

- X-wire sounding in an air inlet at high angle of attack [AAAF PAPER NT 81-15] p 8 A83-11775
- On the choice of the optimal total wedge angle for the air intake of a hypersonic ramjet engine p 212 A83-22656
- The swirl in an S-duct of typical air intake proportions p 418 A83-35620
- Application of numerical methods to the calculation of the characteristics of supersonic and hypersonic jet-engine air intakes p 494 A83-37532
- Investigation of the parameters of a boundary layer before the inlet of a supersonic air intake mounted under the surface of a triangular plate p 494 A83-37533
- Computational study of an unregulated air intake of a hypersonic ramjet engine with three-dimensional deceleration of the flow at freestream Mach numbers of 5-7 p 494 A83-37559
- Determining compressor-inlet airflow in the compact multimission aircraft propulsion simulators in wind-tunnel applications [AIAA PAPER 83-1231] p 547 A83-39104
- Survey of inlet development for supersonic aircraft [AIAA PAPER 83-1164] p 503 A83-40473
- Low flight speed acoustic results for a supersonic inlet with auxiliary inlet doors [AIAA PAPER 83-1415] p 706 A83-45517
- Tridimensional computation of the flow in helicopter air intakes [PB82 204512] p 194 N83-13093
- Experimental study of strength and existence domain of ground-to-air inlet vortices by ground board static pressure measurements [PB83-144865] p 460 N83-26843
- Low flight speed acoustic results for a supersonic inlet with auxiliary inlet doors [NASA-TM-83411] p 482 N83-27794
- Experience with the KHD APU T312 for a modern fighter type p 541 N83-29251
- Control means for a gas turbine engine [NASA-CASE-LEW-14586-1] p 617 N83-31603

### AIR JETS

- Investigations on the effects of discrete wingtip jets [AIAA PAPER 83-0548] p 134 A83-16781
- Effect of air, liquid and injector geometry variables upon the performance of a plain-jet airblast atomizer p 473 A83-35809
- Edge tones in high-speed flows and their application to multiple-jet mixing p 482 A83-36077
- Cooling airflow studies at the leading edge of a film-cooled airfoil [ASME PAPER 83-GT-82] p 760 A83-47935
- Analytical calculation of a single jet in cross-flow and comparison with experiment p 538 N83-29219

### AIR LAUNCHING

- Investigation of the feasibility of a helicopter-launched cruise missile system [DE82-008623] p 332 N83-20940
- Design of choking cascade turns [AD-A124792] p 477 N83-26023

### AIR LAW

- Existing time limit for overwater operations - Its validity p 189 A83-13170
- Problems of representation of air traffic controllers in mid-air litigation p 239 A83-21547
- Airline safety and labor relations law - Balancing rights and responsibility p 484 A83-34475
- Legislative developments affecting the aviation industry 1981-1982 p 572 A83-39043
- Aircraft crashworthiness in the United States - Some legal and technical parameters p 572 A83-39044
- Strict liability in military aviation cases - Should it apply? p 572 A83-39045
- Manufacturer's liability in international aerospace - A view from the United States p 572 A83-39698
- Airport use and access p 572 A83-39698
- The role of the Air Force in the transfer of general-aviation-traffic control from ITAV to AAV/TAAG p 590 A83-41226

## AIR NAVIGATION

- Aircraft crashworthiness and the manufacturer's tort liability in the United States p 707 A83-45808
- From aerostats to DC-10s - Recognition of certificates of airworthiness p 707 A83-45829
- Passenger liability in international carriage by air - Lines of development p 707 A83-45831
- Interchange of aircraft --- international lease regulations p 707 A83-45832
- Air safety - Enforcement of the Federal Aviation Regulations p 708 A83-45836
- The legal status of the aircraft commander - Ups and downs of a controversial personality in international law p 708 A83-45842

### AIR LOCKS

- JT90 ceramic outer air seal system refinement program, phase 2 [NASA-CR-167962] p 165 N83-15305

### AIR NAVIGATION

- Fundamentals of radio navigation --- Russian book p 17 A83-10668
- Optimality of the measurement of navigation parameters on the basis of signals of difference-range-finding systems p 17 A83-10805
- NAECON 1982, Proceedings of the National Aerospace and Electronics Conference, Dayton, OH, May 18-20, 1982 Volumes 1, 2 & 3 p 2 A83-11083
- Integrated CNI avionics maximizes reliability --- communications, navigation, and cooperative identification p 63 A83-11089
- Gravity modeling for airborne applications p 17 A83-11090
- Integrated CNI - A new testing challenge --- Communication, Navigation and Identification p 18 A83-11095
- ICNIA Lessons learned on sensor integration --- Integrated Communication Navigation Identification Avionics p 18 A83-11096
- Comparison of some matching methods --- for aircraft and missile navigation p 22 A83-11219
- Advanced terrain following radar for LANTIRN --- Low Altitude, Navigation, Targeting Infrared at Night p 23 A83-11241
- Stability of the decentralized estimation in the JTIDS relative navigation p 23 A83-11253
- Timing a LORAN-C chain p 24 A83-12225
- Bootstrap stereo error simulations --- autonomous aerial navigation using terrain images p 25 A83-12895
- Observations regarding the MNPS in the North Atlantic and considerations concerning their applicability in the European air space I p 14 A83-13011
- An auxiliary passive microwave navigation system [ONERA, TP NO 1982-83] p 185 A83-14535
- Loran-C RNAV - The best near-term solution to air operations in northeastern North America p 144 A83-18822
- Lasers in aviation -- Russian book p 229 A83-20384
- Suboptimal filters for INS alignment on a moving base p 199 A83-21019
- CINNA - A system for preparing reconnaissance missions p 200 A83-22591
- Aircraft separation assurance - Systems design p 252 A83-23371
- Possible improvements in meteorology for aircraft navigation p 247 A83-23373
- Self-adaptive filters for the integration of navigation data p 268 A83-23374
- Integrated navigation Actual and potential - Sea-air-space, Proceedings of the International Congress, Paris, France, September 21-24, 1982 Volumes 1 & 2 p 254 A83-24851
- Integration of navigation resources in modern avionics systems p 254 A83-24852
- A multifunction integrated approach to providing aircraft inertial data p 254 A83-24853
- Carrier Aircraft Inertial Navigation System /CAINS/ integrated system approach p 254 A83-24854
- The Integrated Inertial Navigation System - AN/ASN-132 p 254 A83-24855
- Technical and operational evaluation of wide area coverage navigation systems in the continental United States p 255 A83-24857
- New on board equipments /PMS, FMS/ and the ATC system - Evolution or revolution p 269 A83-24859
- Study of an on-board trajectory system for in-flight checking of air-navigation and landing radio aids p 255 A83-24860
- Navstar equipments accuracy compared with experimental results p 255 A83-24861
- Experiments of Omega for aviation p 255 A83-24862
- The role of advanced navigation in future air traffic management p 255 A83-24867
- Main technical and operational characteristics of navigation systems with a view to identifying a mixed radionavigation system p 255 A83-24869

Integrated navigation system for the Agusta 129 attack helicopter p 256 A83-24870  
 Flight tests of integrated navigation by least squares adjustment p 256 A83-24871  
 Integrated navigation by supplementing MLS with DAS --- DME-based Azimuth System p 256 A83-24872  
 Simple integrated navigation systems p 256 A83-24873  
 Viewpoints on selection of collision avoidance systems p 256 A83-24874  
 Application of multiple model estimation to a recursive terrain height correlation system p 257 A83-26264  
 An integrated multisensor aircraft track recovery system for remote sensing p 257 A83-26266  
 Advances related to the measurement and representation of real multipath propagation --- for radio navigation and instrument landing applications p 258 A83-26485  
 Potential accuracy of the goniometer section of a complex short-range navigation system p 259 A83-26929  
 Estimation of the mutual influence of a group of radio-electronic devices --- for air navigation p 259 A83-26934  
 Development and testing of Skyship 500 p 327 A83-28191  
 A multifunction integrated approach to providing aircraft inertial data p 321 A83-28595  
 National Aerospace Meeting, Moffett Field, CA, March 24, 25, 1982, Proceedings p 322 A83-28776  
 Guidance and flight control demonstration in a helicopter flight environment using a laser-gyro inertial navigation system p 322 A83-28779  
 Radar detection of low level wind shear affecting aircraft terminal navigation p 322 A83-28784  
 Integration and flight demonstrations of the Integrated Inertial Sensor Assembly / IISA/ p 322 A83-28785  
 Fault/maneuver tolerance of aided GPS demodulation/navigation processors in the non-precision approach environment p 323 A83-28787  
 FAA helicopter NAVSTAR GPS flight testing p 323 A83-28788  
 Reliability of NAVSTAR GPS for civil aviation p 323 A83-28791  
 Institute of Navigation, Annual Meeting, 38th, U.S. Air Force Academy, Colorado Springs, CO, June 14-17, 1982, Proceedings p 323 A83-29201  
 B-52 operations in the Bright Star 82 exercise p 317 A83-29204  
 Flight testing the Low Cost Inertial Guidance System p 324 A83-29210  
 Advanced navigation systems and fuel conservation p 428 A83-33545  
 A theoretical framework for analysis of lateral position errors in VOR jet-route systems p 431 A83-35273  
 Omega application in the Indonesian region p 431 A83-35599  
 Performance capabilities of photographic flight navigation and sensor orientation systems p 431 A83-36122  
 The future of civil avionics p 512 A83-37819  
 Avionics analyzed III - The hidden sensors p 512 A83-38471  
 The Air Force Global Weather Central computer flight planning system p 585 A83-38761  
 Radio-navigation prerequisites for IFR operation of regional airports and civil airfields p 512 A83-38932  
 Navigation for balloon payloads - Recent experience with OMEGA in the US and a new slant range system p 514 A83-39814  
 Utilization of the Trident radar system for air navigation, photogrammetry, and geodesy at the National Geographic Institute First results - Ongoing tests p 514 A83-40623  
 Digital Instrumentation Analysis and Navigation System (DIANS) for system identification [AIAA PAPER 83-2091] p 609 A83-41922  
 Evolution of map display optical systems p 681 A83-44830  
 National Aerospace Meeting, Arlington, VA, March 22-25, 1983, Proceedings p 671 A83-46952  
 Use of commercial Omega/VLF in naval aviation p 671 A83-46953  
 Minimizing pilot work load in an advanced development, low-cost Omega/VLF/RNAV system p 671 A83-46954  
 Flight test evaluation of Loran-C in Alaska p 671 A83-46955  
 Improved system reliability through master independent operation --- for Loran C p 672 A83-46956  
 Status of the TCAS program p 682 A83-46959  
 Applications of time transfer using Navstar GPS p 673 A83-46964  
 The Navstar GPS p 673 A83-46965  
 Post-flight compensation for a master navigator error p 673 A83-46966

Comparison of simple position resets and Kalman filter position updates for correcting inertial navigation system errors p 673 A83-46967  
 State of the art and development potential of fiberoptic rotation sensors --- for inertial navigation p 734 A83-47187  
 DAS, a DME-supported multifunction system with a wide applications range for distance and angle measurements with data transfer p 722 A83-47199  
 Air traffic control simulation in the airport area p 722 A83-47200  
 Principles and present status --- of Navstar GPS for sea and air navigation p 723 A83-48733  
 Integrated navigation systems for aircraft p 723 A83-48735  
 Loran-C en route accuracies in the central Appalachian region p 147 A83-15274  
 A microcomputer-based position updating system for general aviation utilizing Loran-C [NASA-CR-169722] p 148 A83-15277  
 Oceanic Area System Improvement Study (OASIS) Volume 1 Executive summary and improvement alternatives development and analysis [FAA-EM-81-17 VOL-1] p 200 A83-16314  
 Oceanic Area System Improvement Study (OASIS) Volume 2 North Atlantic region air traffic services system description [FAA-EM-81 17 VOL-2] p 201 A83-16315  
 Oceanic Area System Improvement Study (OASIS) Volume 3 Central East Pacific region air traffic services system description [FAA-EM-81-17-VOL-3] p 201 A83-16316  
 Oceanic Area System Improvement Study (OASIS) Volume 4 Caribbean region air traffic services system description [FAA-EM-81 17-VOL-4] p 201 A83-16317  
 Radio navigation and airplane navigation [AD A120595] p 202 A83-16325  
 Advances in Guidance and Control Systems [AD A125687] p 311 A83-22093  
 Design of a software maintenance facility for the RAF p 364 A83-22150  
 Activities report on air traffic security p 514 A83-27971  
 Report from the International Congress of Navigation --- integrated navigation [FOA-C-20489-E3] p 593 A83-30400  
 Activities of the Federal Administration of Air Navigation Services (BFS) p 674 A83-32785  
 Interfacing the ROLM 1602B for the Metro navigation system [NLR-MP-81062-U] p 674 A83-32786  
**AIR POLLUTION**  
 The influence of equivalence ratio variation on pollutant formation in a gas turbine type combustor p 42 A83-13095  
 The effects of fuel properties upon pollutants present in gas turbine aero-engines p 469 A83-35813  
 Effect of sand erosion on the performance deterioration of a single stage axial flow compressor p 448 A83-35854  
 A JT8D low emissions combustor by radial zoning [AIAA PAPER 83-1324] p 455 A83-36339  
 A separator for obtaining samples of cloud water in aircraft p 640 A83-41983  
 Emissions variability and traversing on production RB211 engines [ASME PAPER 83-GT 141] p 741 A83-47966  
 Composite design of an advanced airborne monitoring system [DE82-006980] p 235 A83-18106  
 Differential-absorption LIDAR technology for light twin-engine aircraft operation [DE83-003888] p 410 A83-25232  
 An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications [AD-A125025] p 471 A83-27034  
**AIR QUALITY**  
 Laboratory evaluation of an airborne ozone instrument that compensates for altitude/sensitivity effects p 681 A83-45618  
**AIR SAMPLING**  
 Arctic haze and the Arctic gas and aerosol sampling program / AGASP/ [AIAA PAPER 83-0439] p 188 A83-16714  
 Composite design of an advanced airborne monitoring system [DE82-006980] p 235 A83-18106  
**AIR TO AIR MISSILES**  
 Development and evaluation of advanced air-to-air missile fire control algorithms and displays p 21 A83-11191  
 Air-to-air missiles - Flight test in the 80's p 29 A83-11805  
 Thirty years of fighter armament p 203 A83-20600

Algorithm development for infra-red air-to-air guidance systems - How to separate the wheat from the chaff A simple approach to target detection p 321 A83-28178  
 Analysis of missile response to gunfire environment --- vibration and shock effects on captive-carry configuration aboard aircraft p 384 A83-31495  
 Nonlinear generalized likelihood ratio algorithms for maneuver detection and estimation p 511 A83-37136  
 Investigation of time-to-go algorithms for air-to-air missiles p 511 A83-37137  
 New target models for homing missile guidance [AIAA PAPER 83-2166] p 590 A83-41662  
 Design of an integrated strapdown guidance and control system for a tactical missile [AIAA PAPER 83-2169] p 591 A83-41665  
 An eccentric two-target differential game model for qualitative air-to-air combat analysis [AIAA PAPER 83-2122] p 575 A83-41947  
 Characteristics of double-canard aerodynamic shape configuration [AD-A128337] p 718 A83-34913  
**AIR TO AIR REFUELING**  
 The KC-10A - USAF's newest range extender p 189 A83-14700  
 C-141 operations in Operation Bright Star 82 p 317 A83-29203  
 Validation of the KC-10 refueling boom digital control system [SAE PAPER 821421] p 517 A83-37978  
 Dynamic characteristics of aerial refueling systems [AD-A124770] p 442 A83-26830  
 Lateral flying qualities of highly augmented fighter aircraft, volume 1 [AD-A118070] p 443 A83-26835  
**AIR TO SURFACE MISSILES**  
 B-52 roles in sea control p 186 A83-20646  
 Design, fabrication and test of an integrated Built-In-Test (BIT) control unit [AD-A127278] p 631 A83-30441  
**AIR TRAFFIC**  
 Modeling the spatial distribution of aircraft on visual flight rules p 253 A83-24040  
 Air traffic and requirements for future passenger aircraft [DGLR PAPER 82-024] p 241 A83-24151  
 A study of the feasibility of statistical analysis of airport performance simulation [NASA-CR-3633] p 221 A83-12959  
 The changing airline industry A report, 1981 [GAO/CEA-82-94] p 139 A83-14075  
 Review of the FAA 1982 National Airspace System Plan [PB83-102772] p 293 A83-19764  
 Time-based self-spacing techniques using cockpit display of traffic information during approach to landing in a terminal area vectoring environment [NASA-TM-84601] p 335 A83-22198  
 The 3rd Traffic Alert and Collision Avoidance System (TCAS) Symposium [AD-A123037] p 381 A83-23288  
 The runways of the Frankfurt Main airport Air traffic lifelines [FACHTHEMEN-3] p 400 A83-23322  
 FAA aviation forecasts Fiscal years 1983-1994 [AD-A124611] p 416 A83-25652  
 Modeling of the Mode S tracking system in support of aircraft safety research [NASA-CR-166486] p 510 A83-29186  
 Guidelines for the planning and dimensioning of general aviation installations on traffic airports [ISBN-3-87977-049-2] p 690 A83-32815  
 Effect of lead-aircraft ground-speed on self-spacing performance using a cockpit display of traffic information [NASA-TP-2194] p 736 A83-36028  
**AIR TRAFFIC CONTROL**  
 Use of aircraft-derived data to assist in ATC tracking systems II - Some practical tracking filters p 24 A83-11557  
 Observations regarding the MNPS in the North Atlantic and considerations concerning their applicability in the European air space I p 14 A83-13011  
 Collision risk models p 14 A83-13012  
 A procedure for the utilization of the signals of a DME transponder to determine the position of an aircraft from the ground p 26 A83-13016  
 A nonlinear smoothing procedure for the reconstruction of flight trajectories on the basis of radar data p 185 A83-14494  
 Air traffic management - Current problems and future concepts, Proceedings of the Spring Convention, London, England, May 12, 13, 1982 p 141 A83-17728  
 NATS - Taking stock --- National Air Traffic Services in United Kingdom p 142 A83-17727  
 Air traffic management - The impact at the airport p 142 A83-17728

- National air traffic services implementation plans p 142 A83-17729
- Air traffic management research at the Royal Signals and Radar Establishment p 142 A83-17730
- The capability and potential role of airborne avionics systems in air traffic management p 142 A83-17731
- The impact of new air traffic systems on the flight deck p 142 A83-17733
- Some advances in ground systems for air traffic control p 142 A83-17734
- Air traffic flow management over Europe p 143 A83-17735
- Fuel savings in air transport p 138 A83-19150
- Performance analysis of a dwell-time processor for monopulse beacon radars p 200 A83-22726
- Reply correlation test analysis in monopulse beacon radars p 200 A83-22727
- Aircraft separation assurance Systems design p 252 A83-23371
- The role of advanced navigation in future air traffic management p 252 A83-23372
- Air traffic control for tomorrow - Problems and solutions p 252 A83-23494
- Instrument Landing Systems / ILS/ at GDR airports II p 253 A83-23495
- New on board equipments /FMS, FMS/ and the ATC system - Evolution or revolution p 269 A83-24859
- Aircraft separation assurance Systems design p 255 A83-24863
- The role of advanced navigation in future air traffic management p 255 A83-24867
- Structure and mode of operation of an interactive onboard four-dimensional flight path control system p 286 A83-26478
- Conflict recognition and collision probability in connection with horizontal evasion maneuvers p 248 A83-26481
- Advantages of statistically interrogating onboard anticollision systems p 258 A83-26482
- Air traffic flow control systems - Modelling and evaluation p 258 A83-26602
- Data transmission in the case of secondary radar /Mode S/ p 320 A83-27124
- Automation of preplanning as a means for improving quality in connection with flight operational control I p 317 A83-29372
- Energy conservation in air transportation. The Canadian Air Traffic Control Effort p 318 A83-29393
- Analysis of in-trail following dynamics of CDTI-equipped aircraft --- Cockpit Displays of Traffic Information p 390 A83-30161
- Air traffic control into the 21st century p 381 A83-30275
- Advanced navigation systems and fuel conservation p 428 A83-33545
- On the use of height rules in off-route airspace p 431 A83-35274
- Computer model of a collision-avoidance system for air traffic control p 431 A83-35275
- All weather heliports and airway system - The future need p 463 A83-36073
- The man-vehicle systems research facility - A new NASA aeronautical R & D facility [AIAA PAPER 83-1098] p 463 A83-36218
- Development of airborne collision avoidance algorithms compatible with the national airspace system p 511 A83-37141
- The future of civil avionics p 512 A83-37819
- Helicopter IFR - The economics of schedule regularity [SAE PAPER 821501] p 507 A83-38009
- Meteorological data requirements for fuel efficient flight p 565 A83-38760
- Air traffic control problems in the field of general aviation p 509 A83-38931
- Automation of preplanning as a means for enhancing quality in operational flight control II p 509 A83-39222
- The COMPAS system for more efficient approach traffic --- for aircraft p 513 A83-39345
- Helicopter IFR approaches into major terminals using RNAV, MLS, and CDTI p 584 A83-41042
- The role of the Air Force in the transfer of general-aviation-traffic control from ITAV to AAAV/TAG p 590 A83-41226
- Instrument approach technique for poor-visibility landings p 590 A83-41228
- Safety in the skies p 584 A83-41487
- Mixing 4D equipped and unequipped aircraft in the terminal area [AIAA PAPER 83-2240] p 591 A83-41717
- Status of the TCAS program p 682 A83-46959
- Air traffic control simulation in the airport area p 722 A83-47200
- Improvements in SSR p 722 A83-47655
- Analysis of general aviation accidents using ATC radar records p 719 A83-48218
- Techniques for air traffic planning and handling in the terminal area [DFVLR-MITT-82-04] p 27 N83-10032
- Airport and air traffic control system [PB82-207606] p 27 N83-10033
- Avoidance maneuvers selected while viewing cockpit traffic displays [NASA-TM-84269] p 16 N83-11098
- Comparison of the Mode S system to the Automated Radar Terminal System (ARTS) with respect to range and azimuth resolution [AD-A118247] p 27 N83-11104
- Application of advanced signal processing techniques to angle of arrival estimation in ATC navigation and surveillance systems [AD-A118308] p 28 N83-11108
- Microwave Landing System (MLS) channel plans and traffic loading [AD-A117597] p 28 N83-11110
- A state-of-the-art survey of the development of taxiway guidance and control systems [AD-A117520] p 58 N83-11150
- Airport delay and improvement study John F Kennedy International Airport and LaGuardia Airport [PB82-195884] p 58 N83-11153
- Preliminary evaluation of the basic experimental active Beacon Collision Avoidance System (BCAS) [DOT/FAA/RD-82/67] p 186 N83-12058
- Coast Terminal Radar Approach Control Facility (TRACON) refurbishment [DOT/FAA/RD-82/38] p 186 N83-12060
- ARTS 2A design analysis [FAA-RD-82-54] p 187 N83-12084
- Traffic alert and Collision Avoidance System (TCAS I) design guidelines [ATC-114] p 187 N83-12066
- TCAS I design guidelines [ATC-114] p 187 N83-12087
- The AMPS computer system Design and operation [ATC-110] p 220 N83-12867
- National transportation safety p 184 N83-13080
- National beacon system Functional description [ATC 42-REV-B] p 188 N83-13086
- Generation of the mode select sensor network coverage map [ATC-98A] p 188 N83-13088
- An improved technique for altitude tracking of aircraft [AD-A118899] p 188 N83-13090
- Third Symposium on Traffic Alert and Collision Avoidance Systems (TCAS) [FAA-RD-82-75] p 144 N83-14080
- TCAS program p 145 N83-14081
- Status of Mode S implementation p 145 N83-14082
- TCAS 2 operational doctrine p 145 N83-14083
- Comparison of TCAS 1 passive and active transponder detectors p 145 N83-14084
- Aircraft traffic in the Los Angeles basin as related to TCAS requirements p 145 N83-14085
- Surveillance techniques for minimum TCAS 2 p 145 N83-14086
- Validation of minimum TCAS 2 surveillance performance p 145 N83-14087
- Enhanced TCAS 2 p 145 N83-14088
- Minimum TCAS 2 threat detection and resolution logic status p 145 N83-14089
- TCAS 2 [DV-10496] p 145 N83-14091
- Utility of traffic advisory information p 146 N83-14093
- Conflict monitoring analysis of parallel opposite direction routes, volume 1 [AD-A120080] p 148 N83-15279
- Oceanic Area System Improvement Study (OASIS) Volume 1 Executive summary and improvement alternatives development and analysis [FAA-EM-81-17-VOL-1] p 200 N83-16314
- Oceanic Area System Improvement Study (OASIS) Volume 2 North Atlantic region air traffic services system description [FAA-EM-81-17-VOL-2] p 201 N83-16315
- Oceanic Area System Improvement Study (OASIS) Volume 3 Central East Pacific region air traffic services system description [FAA-EM-81-17-VOL-3] p 201 N83-16316
- Oceanic Area System Improvement Study (OASIS) Volume 4 Caribbean region air traffic services system description [FAA-EM-81-17-VOL-4] p 201 N83-16317
- Oceanic Area System Improvement Study (OASIS) Volume 5 North Atlantic, Central East Pacific, and Caribbean regions communication systems description [FAA-EM-81-17-VOL-5] p 201 N83-16318
- Oceanic Area System Improvement Study (OASIS) Volume 7 North Atlantic region flight cost model results [FAA-EM-81-17-VOL-7] p 201 N83-16319
- Oceanic Area System Improvement Study (OASIS) Volume 8 Central East Pacific region flight cost model results [FAA-EM-81-17-VOL-8] p 201 N83-16320
- Oceanic Area System Improvement Study (OASIS) Volume 9 Flight cost model description [FAA-EM-81-17-VOL-9] p 201 N83-16321
- Oceanic Area System Improvement Study (OASIS) Volume 10 North Atlantic, Central East Pacific, and Caribbean regions aviation traffic forecasts [FAA-EM-81-17-VOL-10] p 201 N83-16322
- Conflict monitoring analysis of parallel opposite direction routes, volume 2 [AD-A120187] p 202 N83-16323
- Air traffic control Its effect on fuel conservation p 202 N83-17484
- Mode S baseline radar tracking [FAA-RD-82-53] p 233 N83-17770
- Helical automatic approaches of helicopters with microwave landing systems [NASA-TP-2109] p 260 N83-18704
- Time scheduling of a mix of 4D equipped and unequipped aircraft [NASA-TM-84327] p 250 N83-19721
- Traffic alert and collision avoidance system Developmental simulation [FAA-RD-82-49] p 260 N83-19732
- Review of the FAA 1982 National Airspace System Plan [PB83-102772] p 293 N83-19784
- Applicability of 3D display research to operational needs p 272 N83-20702
- Operational and technical evaluation of the full digital Automated Radar Terminal Systems (ARTS) Display (FDAD) [AD-A122269] p 324 N83-20930
- Simulation fidelity and numerosity effects in CDTI experimentation [NASA-CR-166459] p 358 N83-21209
- Multi-man flight simulator [NASA-CR-166449] p 359 N83-21210
- En route Moving Target Detector (MTD) 2 Test and evaluation [FAA-RD-82-34] p 359 N83-21212
- Flight assessment of a data-link-based navigation-guidance concept [NASA-TM-84493] p 319 N83-22168
- National Airspace System Plan [GPO-98-029] p 319 N83-22169
- Minimum operational performance standards for airborne area navigation equipment using VOR/DME reference facility sensor inputs [RTCA/DO-180] p 325 N83-22175
- Air Traffic Control in Face of Users' Demand and Economy Constraints [AD-A127146] p 325 N83-22177
- A UK NATS view of the air traffic management requirements in the next decade p 325 N83-22178
- Fuel conservation and economy constraints p 362 N83-22179
- The airline facing the present crisis p 320 N83-22180
- Air traffic services in Portugal p 325 N83-22182
- Air traffic services in Portugal Civil-military coordination aspects p 325 N83-22183
- Overview of United States program for modernizing air traffic control and airway facilities p 325 N83-22184
- Management and planning concepts p 326 N83-22185
- Dynamic control of inbound flights for minimum cost operation p 326 N83-22186
- Investigations on four-dimensional guidance in the TMA p 326 N83-22187
- Time-based self spacing techniques using cockpit display of traffic information during approach to landing in a terminal area vectoring environment [NASA-TM-84601] p 335 N83-22196
- Questions and answers concerning runway 18 West [FACHTHEMEN-2] p 400 N83-23321
- A simulation study of crew performance in operating an advanced transport aircraft in an automated terminal area environment [NASA-TM-84610] p 382 N83-24490
- Advanced Automation System (AAS) transition strategy [FAA-AP-83-1] p 382 N83-24493
- System description for automated radar terminal air traffic control system, ARTS 2 enhancements, revision A [FAA PM-83-19-REV-A] p 382 N83-24494
- An analysis of reports of operational errors [AD-A123416] p 383 N83-24499
- National Airspace System Plan, facilities, equipment and associated development p 402 N83-24521
- Computer B (National Airspace System - Automated Radar Terminal Systems) communications support [FAA-PM-83-16] p 407 N83-24742



- Aviation Executive Conference  
[AD-A124581] p 416 N83-25654  
A strategy is needed to deal with peaking problems at international airports  
[GAO/GGD-83-4] p 429 N83-25683  
FAA's plan to improve the air traffic control system. A step in the right direction but improvements and better coordination are needed  
[GAO/AFMD-83-34] p 432 N83-25687  
Numerical treatment of Doppler radar signals — airport radar, video data  
[ENST-E-82014] p 478 N83-27114  
Activities report on air traffic security  
p 514 N83-27971  
Man-vehicle systems research facility: Design and operating characteristics  
[NASA-TM-84372] p 548 N83-28006  
Evaluation of an airborne terminal for a digital data link in aviation  
[DFVLR-FB-83-05] p 516 N83-29196  
Software description for the O'Hare runway configuration management system Volume 2 Low-level pseudocode  
[AD-A127828] p 594 N83-31592  
Traffic alert and collision avoidance system (TCAS) A functional overview of minimum TCAS 2  
[ATC-119] p 674 N83-32784  
Activities of the Federal Administration of Air Navigation Services (BFS)  
[ATC-119] p 674 N83-32785  
Mode S beacon system Functional description  
[ATC-42-REV-C] p 698 N83-33016  
Operational lighting at the Air Traffic Control Center (MILATCC) at New-Milligen — radar consoles  
[IZF-1982-28] p 698 N83-33035  
Proceedings Sixth Annual Workshop on Meteorological and Environmental Inputs to Aviation Systems  
[NASA-CP-2274] p 658 N83-33827  
Potential fuel savings of specific ATC system improvements  
[AD-A126449] p 669 N83-33861  
System description for automated radar terminal air traffic control system (ARTS II) Enhancements System description, revision A  
[AD-A128996] p 674 N83-33870  
The FAA (Federal Aviation Administration) air traffic activity FY 1982  
[AD-A128702] p 712 N83-34889  
The NASA Aviation Safety Reporting System  
[NASA-TM-84339] p 721 N83-34923
- AIR TRAFFIC CONTROLLERS (PERSONNEL)**  
Problems of representation of air traffic controllers in mid-air litigation  
p 239 N83-21547  
An analysis of reports of operational errors  
[AD-A123416] p 383 N83-24499
- AIR TRANSPORTATION**  
Fuel savings in air transport  
p 138 A83-19150  
The transport aircraft of tomorrow - A single element of an overall system  
p 128 A83-19410  
The development of standards for the common ICAO Data Interchange Network /CIDIN/ p 230 A83-22027  
Economic conditions and key points of BMFT air transport research requirements in the eighties  
[DGRL PAPER 82-044] p 242 A83-24168  
New technologies from developments in air transport and space travel  
[DGRL PAPER 82-074] p 310 A83-24188  
Energy conservation in air transportation - The Canadian Air Traffic Control Effort  
p 318 A83-29393  
Planning intra-airport transportation - A framework for decision making  
[AIAA PAPER 83-1585] p 399 A83-33356  
Concepts for a future joint airlift development program  
[AIAA PAPER 83-1591] p 429 A83-36951  
USAF mobility requirements — User requirements  
[AIAA PAPER 83-1588] p 429 A83-36954  
A study of dingibles for use in the Peruvian Selva Central region  
[AIAA PAPER 83-1970] p 508 A83-38902  
The preliminary design of a very large pressure airship for civilian and military applications  
[AIAA PAPER 83-2005] p 523 A83-38923  
Flight frequency determination  
p 668 A83-46776  
Airport landside operations and air service  
[PB82-235946] p 218 N83-13320  
The US aviation system to the year 2000  
[NASA-CR-166010] p 140 N83-15273  
Development studies for incorporation of air transportation documentation in the building up of a transport information system  
p 249 N83-18703  
Planning for rotorcraft and commuter air transportation  
[NASA-CR-166453] p 310 N83-19652  
Rotorcraft air transportation  
p 251 N83-20834  
Community rotorcraft air transportation Opportunities and benefits  
p 252 N83-20836
- Lessons from the past: STOL system studies and Ottawa-Montreal STOL demonstration  
p 252 N83-20837  
Opportunities and benefits — commuter air travel  
p 252 N83-20838  
A study of dingibles for use in the Peruvian Selva Central Region  
[NASA-TM-85633] p 314 N83-20916  
A study of dingibles for use in the Peruvian Selva Central region  
[NASA-TM-85634] p 315 N83-20917  
Dynamic control of inbound flights for minimum cost operation  
p 326 N83-22186  
Co-ordination in aviation in southern Africa  
p 320 N83-23210  
The flow of air-passenger traffic in the Federal Republic of Germany with emphasis on airports and their hinterland  
[GEOGRAPHISCHE-SCHRIFTEN-18] p 380 N83-23283  
Questions and answers concerning runway 18 West [FACHTHEMEN-2] p 400 N83-23321
- AIRBORNE EQUIPMENT**  
In-flight lightning data measurement system for fleet application - Flight test results  
p 29 A83-11087  
Airborne electronic terrain map display - An update  
p 35 A83-11135  
Aircraft power management control system designed for fast response and high reliability  
p 40 A83-11151  
Investigation of constant turn-rate dynamics models in filters for airborne vehicle tracking  
p 71 A83-11190  
Ka-band passive/active airborne radar  
p 23 A83-11239  
Use of aircraft-derived data to assist in ATC tracking systems II - Some practical tracking filters  
p 24 A83-11557  
The aviation and radioelectronic equipment of the Yak-18T aircraft — Russian book  
p 195 A83-13814  
Novel airborne technique for aircraft noise measurements above the flight path  
p 222 A83-15316  
Airborne electronic colour displays  
p 196 A83-16133  
ASPJ update counters the changing threat — Airborne Self-Protection Jammer System  
p 140 A83-16866  
Effects of finite wire scatterers in the field of VOR  
p 144 A83-19039  
Graphite/epoxy material characteristics and design techniques for airborne instrument application  
p 225 A83-22595  
Observations of optical lightning emissions from above thunderstorms using U-2 aircraft  
p 234 A83-22703  
Spatial calibration of a multispectral data base — of airborne scanner systems  
p 209 A83-22882  
Possible improvements in meteorology for aircraft navigation  
p 247 A83-23373  
Viewpoints on selection of collision avoidance systems  
p 256 A83-24874  
Technical and operational evaluation of wide-area coverage navigation systems in the continental United States  
p 321 A83-28594  
All-electric vs conventional aircraft - The production/operational aspects  
p 386 A83-32576  
Reducing the cost for airborne instrumentation hardware testing  
p 398 A83-32928  
Simulate airborne radar environments  
p 512 A83-37821  
Feasibility test of an airborne pulse-Doppler meteorological radar  
p 566 A83-39872  
ASTROPLANE - A European airborne observatory for infrared astronomy  
p 573 A83-40455  
Astroplane - The Airbus proposal  
p 573 A83-40456  
Airborne radar and the three PRFs — Pulse Repetition Frequency  
p 589 A83-40759  
A separator for obtaining samples of cloud water in aircraft  
p 640 A83-41983  
An overview of airborne optical communications  
p 592 A83-42574  
Neodymium YAG laser in airborne systems  
p 609 A83-42835  
Airborne radar tracking system based on optimal filtering theory  
p 592 A83-43696  
A versatile thermal imager for RPV applications  
p 610 A83-43720  
Imaging sensors for an RPV payload  
p 610 A83-43721  
A multi-function radar system for RPVs  
p 593 A83-43722  
Marine gravity measurement from fixed wing aircraft  
p 696 A83-46111  
Status of the TCAS program  
p 682 A83-46959  
Vibration qualification of equipment mounted in turboprop aircraft  
p 31 N83-10238  
Airborne Flight Test System (AFTS)  
[AD-A115100] p 66 N83-10330
- Astroplane A European research aircraft for IR and submillimetre astronomy (the DFVLR proposal)  
p 369 N83-22049  
Minimum operational performance standards for airborne area navigation equipment using VOR/DME reference facility sensor inputs  
[RTCA/DO-180] p 325 N83-22175  
Modular Airborne Remote Sampling and Sensing System (MARSSS)  
[DE82-005691] p 410 N83-25226  
Laser safety of air bathymetry  
[FOA-C-30292-E1] p 478 N83-27210  
Helicopter-borne scatterometer  
[AD-A125796] p 562 N83-29561  
Recommended colours for use on airborne displays  
[RAE-TR-82110] p 610 N83-30411  
Light emitting diodes  
p 611 N83-30419  
Other types of display  
p 611 N83-30424  
Optical techniques for airborne displays  
p 611 N83-30425  
p 611 N83-30426  
Applications  
Operating instructions manual for Microprocessor Airborne Data Acquisition and Replay (MADAR) module  
[AD-A128558] p 648 N83-32031  
Traffic alert and collision avoidance system (TCAS) A functional overview of minimum TCAS 2  
[ATC-119] p 674 N83-32784  
Phantoms in complex airborne systems  
p 682 N83-32801
- AIRBORNE RADAR APPROACH**  
Simulation of a weather radar display for over-water airborne radar approaches  
[NASA-TM-84315] p 311 N83-22091
- AIRBORNE SURVEILLANCE RADAR**  
A ray tracing computer analysis program /RAYCAP/ for airborne surveillance radar applications  
p 23 A83-11243  
A technique to empirically model clutter signals in airborne pulse Doppler radar  
p 23 A83-11251  
Advanced tactical air reconnaissance system  
p 186 A83-22575  
An adaptive scheme for optimal target detection in variable clutter environment  
p 253 A83-24779  
Doppler radar and aircraft measurements of thunderstorm turbulence  
p 360 A83-27043  
Adaptive clutter suppression for airborne phased array radars  
p 320 A83-27919  
Status of the TCAS program  
p 682 A83-46959
- AIRBORNE/SPACEBORNE COMPUTERS**  
Air data systems for airplanes of the 1990's  
p 18 A83-11099  
Technology upgrade to ALR-46 and ALR-69 radar warning receivers  
p 18 A83-11102  
Embedded microprocessors for avionics applications  
p 70 A83-11104  
Marconi avionics standard central air data computer  
p 34 A83-11119  
The US Air Force and US Navy Standard Central Air Data Computer  
p 34 A83-11120  
Terrain following/terrain avoidance for advanced penetrating aircraft  
p 20 A83-11146  
A prototype parallel computer architecture for advanced avionics applications  
p 70 A83-11153  
AN/APN-194/V/ radar altimeter/MIL-STD-1553 interface circuit  
p 35 A83-11186  
Integrated and transferable hardware/software checkout — of digitally controlled flight systems  
p 71 A83-11249  
Distributed processing and fiber optic communications in air data measurement  
p 36 A83-11258  
The A6E /TRAM/ all-weather weapon system — Target Recognition and Attack Multisensor  
p 24 A83-11260  
Some thoughts on the development of computer-based systems — airborne equipment design to cost  
p 37 A83-11807  
Celestial navigation in the computer age — Book  
p 185 A83-14116  
Digital electronic engine control system - F-15 flight test  
p 162 A83-18406  
Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane  
[AIAA PAPER 83-0537] p 163 A83-19593  
The automated cockpit  
p 208 A83-20849  
The software-implemented fault tolerance /SIFT/ approach to fault tolerant computing  
p 235 A83-22825  
Computer-generated images in visual simulation and avionics technologies  
p 219 A83-22835  
Flight management systems and data links  
p 285 A83-24424  
Recent developments in digital control for helicopter powerplants  
p 277 A83-24829  
Carrier Aircraft Inertial Navigation System /CAINS/ integrated system approach  
p 254 A83-24854

# SUBJECT INDEX

# AIRCRAFT ANTENNAS

Development of adaptation and identification algorithms in adaptive digital aircraft control systems p 287 A83-26600

On the routes - Boeing 757 with British Airways p 327 A83-29241

Some aspects of development of power plant optimum control to increase aircraft fuel efficiency p 447 A83-35841

Flight management concepts development for fuel conservation p 447 A83-35843

Compensation for time delay in flight simulator visual-display systems p 484 A83-36222

[AIAA PAPER 83-1080] p 484 A83-36222

F/A-18A Inflight Engine Condition Monitoring System (ECMS) p 453 A83-36300

[AIAA PAPER 83-1237] p 453 A83-36300

HiMAT onboard flight computer system architecture and qualification p 529 A83-37061

Design and analysis of a digitally controlled integrated flight/fire control system p 511 A83-37063

System design approaches to integrated controls p 511 A83-37103

Guidance and control of a balloon-borne X-ray telescope with onboard and ground based computers p 530 A83-39823

Flight management computers (FMS) p 618 A83-40881

Digital Instrumentation Analysis and Navigation System (DIANS) for system identification p 609 A83-41922

[AIAA PAPER 83-2091] p 609 A83-41922

Low cost antenna pointing system -- with computerized control for transmission from aircraft to satellite p 651 A83-42575

Digital simulation and control of the Machan UMA p 593 A83-43718

Flight clearance of the Jaguar-fly-by-wire aircraft II p 687 A83-45846

Certification of digital systems for civil aircraft p 671 A83-45848

Modern digital air-data computer p 734 A83-47186

Integrated control system concept for high-speed aircraft p 751 A83-50074

[AIAA PAPER 83-2564] p 751 A83-50074

Advanced flight control system study p 205 N83-13113

[NASA-CR-163117] p 205 N83-13113

Airborne flight trajectory planning as a new pilot task [TUBS/FB-82-04-01] p 206 N83-13121

Interface specifications for the A-7E shared services module p 189 N83-14954

[AD-A118897] p 189 N83-14954

The on-board computer system for the F29 prototype flight test p 209 N83-16339

[NLR-MP-81034-U] p 209 N83-16339

Computers in avionics systems p 236 N83-18291

[NLR-MP-81063-U] p 236 N83-18291

Demonstration of an acceptable safety level for digital equipment on board civil transport aircraft p 251 N83-20188

Advances in Guidance and Control Systems p 311 N83-22093

[AD-A125687] p 311 N83-22093

D L A O A support system for defining avionics software p 335 N83-22119

The management of a large real-time military avionics project p 335 N83-22144

F/A-18 software development. A case study p 384 N83-22145

Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane p 339 N83-22201

[NASA-TM-83088] p 339 N83-22201

Evaluation of an airborne terminal for a digital data link in aviation p 516 N83-29196

[DFVLR-FB-83-05] p 516 N83-29196

An expert distributed robotics system with comprehension and learning abilities in the aircraft flight domain p 652 N83-32401

[AD-A127739] p 652 N83-32401

Interfacing the ROLM 1602B for the Metro navigation system p 674 N83-32786

[NLR-MP-81062-U] p 674 N83-32786

**AIRCRAFT**

Evidence for the production of ice particles in clouds due to aircraft penetrations p 767 A83-49691

Light aircraft piston engine carburetor ice detector/warning device sensitivity/effectiveness [AD-A117745] p 38 N83-10041

Handling qualities aspects of CTOL aircraft with advanced flight controls p 50 N83-10064

Proposal and justification for the establishment of an aeronautical systems-target nonnuclear survivability-vulnerability information analysis center-SURVIAC p 771 N83-37015

[AD-A130414] p 771 N83-37015

**AIRCRAFT ACCIDENT INVESTIGATION**

Human factors dilemmas in the quest for aviation safety p 183 A83-15423

Heavy rain influence on airplane accidents p 138 A83-18415

Aircraft accident survivors as witnesses p 196 A83-20788

Studies of damage involving aircraft components --- accident-causing metallic component fractures p 317 A83-29371

Legislative developments affecting the aviation industry 1981-1982 p 572 A83-39043

Aircraft crashworthiness in the United States - Some legal and technical parameters p 572 A83-39044

Experiences in medical coverage of airport disasters at Logan International Airport in Boston p 509 A83-40356

Reflections on the Potomac p 667 A83-44876

Flight data recorders - An investigator's tool p 681 A83-44877

The Jetstar overrun at Luton p 667 A83-44880

Airports as a threat to public safety --- Book p 668 A83-46420

Aviation accident report. Train Air, Incorporated, Gates Learjet 24, N44CJ, Felt, Oklahoma, 1 October 1981 [PB82-910404] p 184 N83-13082

Human Factors Aspects of Aircraft Accidents [AD124287] p 188 N83-17490

An overview of human factors in aircraft accidents and investigative techniques p 198 N83-17491

Aircraft accident report. World Airways, Inc., Flight 30H, N112WA McDonnell Douglas DC-10-30, Boston-Logan International Airport, Boston, Massachusetts, January 23, 1982 p 248 N83-18698

[PB82-910415] p 248 N83-18698

Analytical modeling of transport aircraft crash scenarios to obtain floor pulses [NASA-CR-166089] p 381 N83-24488

Crash injury protection in survivable air transport accidents. United States civil aircraft experience from 1970 through 1978 (incomplete) p 381 N83-24489

[FAA-CT-82-118] p 381 N83-24489

Aircraft accident report. Coin Acceptors, Inc., Cessna model 551, Citation 2, N2CA, Mountain View, Missouri, November 18, 1982 p 720 N83-34922

[PB83-910404] p 720 N83-34922

**AIRCRAFT ACCIDENTS**

Observations regarding the MNPS in the North Atlantic and considerations concerning their applicability in the European air space I p 14 N83-13011

An analysis of the fatality rate data from 'jetison-canopy' and 'through-the-canopy' ejections from automated airborne escape systems p 182 A83-15403

The United States Navy's injury experience in aircraft mishaps p 184 A83-15441

The development and application of a full-scale wide-body test article to study the behavior of interior materials during a post crash fuel fire p 173 A83-18373

Aerodynamic penalties of heavy rain on landing airplanes p 138 A83-18403

Heavy rain influence on airplane accidents p 138 A83-18415

Problems of representation of air traffic controllers in mid air litigation p 239 A83-21547

Optimum siting of NEXRAD to detect hazardous weather at airports p 304 A83-24037

Pilot fatigue - A deadly cover-up --- Book p 248 A83-24901

Conflict recognition and collision probability in connection with horizontal evasion maneuvers p 248 A83-26481

The design of wind shear filters p 286 A83-26483

Crashing for safety p 378 A83-31588

Status of FAA crash dynamics program - Transport category aircraft p 507 A83-38002

[SAE PAPER 821483] p 507 A83-38002

An FAA analysis of aircraft emergency evacuation demonstrations p 507 A83-38005

[SAE PAPER 821486] p 507 A83-38005

CAT detection and forecasting using operational NMC analysis data p 568 A83-38765

A simulation study of the low-speed characteristics of a light twin with an engine-out p 626 A83-41951

[AIAA PAPER 83-2128] p 626 A83-41951

The survivable aircraft fire p 585 A83-43407

Analysis of aircraft dynamic behavior in a crash environment p 674 A83-43968

Analysis of general aviation accidents using ATC radar records p 719 A83-48218

Aircraft accident report. Air Florida, Inc. Boeing 737-222, N82AF collision with 14th Street Bridge, near Washington National Airport, Washington, D.C., January 13, 1982 [PB82-910408] p 15 N83-10022

Summary of Federal Aviation Administration responses to National Transportation Safety Board safety recommendations p 184 N83-12055

[AD-A118892] p 184 N83-12055

Antimisting kerosene atomization and flammability [NASA-CR-169385] p 211 N83-12246

National transportation safety p 184 N83-13080

Aviation safety p 184 N83-13081

Single pilot IFR accident data analysis [NASA-CR-3650] p 139 N83-14076

Correlation and assessment of structural airplane crash data with flight parameters at impact [NASA-TP-2083] p 183 N83-14521

Aircraft accident report: Sun West Airlines Flight 104, Piper PA-31-350(T-1020), N41070, Durango-LaPlata County Airport, Durango, Colorado, December 31, 1981 [PB82-910413] p 197 N83-16309

Sandia Aircraft Crashfire Facility [DE82-004297] p 198 N83-16313

Human Factors Aspects of Aircraft Accidents [AD124287] p 188 N83-17490

An overview of human factors in aircraft accidents and investigative techniques p 198 N83-17491

The engineering investigation of aircraft accidents p 198 N83-17497

Aircraft accident report. World Airways, Inc., Flight 30H, N112WA McDonnell Douglas DC-10-30, Boston-Logan International Airport, Boston, Massachusetts, January 23, 1982 p 248 N83-18698

[PB82-910415] p 248 N83-18698

Aircraft accident report. Reeve Aleutian Airways, Nihon YS-11A, N169RV, King Salmon, Alaska, February 16, 1982 p 249 N83-18700

[PB82-910414] p 249 N83-18700

An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 5 Some analyses of the post crash fire scenario p 251 N83-19730

[PB83-113555] p 251 N83-19730

Human factors in air safety p 320 N83-23234

Emergency Locator Transmitter (ELT) equipment installation and performance [RTCA/DO-182] p 380 N83-23282

Annual review of aircraft accident data, US air carriers, calendar year 1980 p 409 N83-23664

[NTSB-ARC-83-01] p 409 N83-23664

Aircraft accident report. IBEX Corporation Gates Learjet 23, N100TA, Atlanta, near Savannah, Georgia, 6 May 1982 p 430 N83-26827

[PB83-910401] p 430 N83-26827

Water survival 20 years Canadian Forces aircrew experience [AD-A125401] p 509 N83-27969

Structural response of transport airplanes in crash situations [NASA-TM-85654] p 527 N83-27980

Air disaster litigation [GPO-97-338] p 510 N83-29185

A survey of serious aircraft accidents involving fatigue fracture Volume 1 Fixed-wing aircraft [NAE-AN-7] p 510 N83-29187

A survey of serious aircraft accidents involving fatigue fracture Volume 2 Rotary-wing aircraft [NAE-AN-8] p 510 N83-29188

A computer simulation of aircraft evacuation with fire [NASA-CR-166511] p 589 N83-31586

A comparison of audio, visual and tactile warning devices in a simulated flight environment p 669 N83-33862

[AD-A128200] p 669 N83-33862

The USRA workshop report. Electrostatic fog dispersal [NASA-CR-170802] p 704 N83-34514

Aircraft accident report. Coin Acceptors, Inc., Cessna model 551, Citation 2, N2CA, Mountain View, Missouri, November 18, 1982 p 720 N83-34922

[PB83-910404] p 720 N83-34922

General aviation safety research issues [AD-A130074] p 722 N83-36015

**AIRCRAFT ANTENNAS**

Antenna couplers - The aircraft interface p 17 A83-10738

The solution of 'real-world' aircraft EMC problems using the AAPG computer program p 63 A83-11085

A technique for predicting antenna-to-antenna isolation and electromagnetic compatibility for aircraft p 22 A83-11235

Airframe multipath effects in airborne adaptive antenna arrays p 143 A83-18627

The application of sub-optimal control methods to adaptive antennas for airborne communication systems p 143 A83-18632

A novel precise method of measuring the efficiency of arbitrary low-gain antennas p 181 A83-18643

Near and far field airborne antenna pattern analysis p 143 A83-18645

An asymptotic high frequency analysis of the radiation from sources on perfectly-conducting structures with an impedance surface patch p 144 A83-18647

Recent examples of conformal microstrip antenna arrays for aerospace applications p 144 A83-18672

- Radiation patterns of a quarter-wave monopole on a finite ground plane — for aircraft antennas p 144 A83-18682
- Perturbation adaptive array processor for airborne application p 320 A83-27913
- Low cost antenna pointing system — with computerized control for transmission from aircraft to satellite p 651 A83-42575
- Laboratory and in flight passive dischargers characterization — for elimination of electrostatic radiation interference [ONERA, TP NO 1983-54] p 719 A83-48176
- Analysis of airborne antenna patterns [NASA-CR-169448] p 66 N83-10323
- Improved airborne HF receive antenna An ILIR report [AD-A118861] p 182 N83-14369
- An algorithm to select element locations of an adaptive array [AD-A120486] p 186 N83-15570
- The performance of VHF and UHF aereals mounted on carbon fiber composite materials p 560 N83-28092
- Jam resistant communications systems techniques [AD-A126217] p 563 N83-29579
- Near field analysis of airborne antenna [AD-A127246] p 648 N83-31931
- AIRCRAFT APPROACH SPACING**
- Analysis of in-trail following dynamics of CDTI-equipped aircraft — Cockpit Displays of Traffic Information p 390 A83-30161
- Simulation study of traffic-sensor noise effects on utilization of traffic situation display for self-spacing task [NASA-TP-2082] p 270 N83-18723
- Time scheduling of a mix of 4D equipped and unequipped aircraft [NASA-TM-84327] p 250 N83-19721
- Dynamic control of inbound flights for minimum cost operation p 326 N83-22186
- Investigations on four-dimensional guidance in the TMA p 326 N83-22187
- National Airspace System Plan, facilities, equipment and associated development p 402 N83-24521
- AIRCRAFT BRAKES**
- Review of NASA antiskid braking research [SAE PAPER 821393] p 517 A83-37969
- AIRCRAFT CARRIERS**
- CTOL, STOAL, V/STOL - An operational comparison for forward deployed CVNs p 196 A83-22157
- Simulation evaluation of flight controls and display concepts for VTOL shipboard operations [AIAA PAPER 83-2173] p 575 A83-41668
- Integrated flight control systems development - The F/A-18A Automatic Carrier Landing System [AIAA PAPER 83-2182] p 623 A83-41765
- Carrier landing simulation results of precision flight path controllers in manual and automatic approach [AIAA PAPER 83-2072] p 592 A83-41909
- Evaluation of control and display configurations for helicopter shipboard operations [AIAA PAPER 83-2486] p 734 A83-48346
- Automatic Carrier Landing System (ACLS) category 3 certification manual [AD-A118181] p 57 N83-11147
- Performance measures for aircraft carrier landings as a function of aircraft dynamics [AD-A120473] p 206 N83-16334
- Simulator design features for carrier landing Part 2 In-simulator transfer of training [AD-A124024] p 466 N83-25733
- AIRCRAFT COMMUNICATION**
- Integrated CNI avionics maximizes reliability — communications, navigation, and cooperative identification p 63 A83-11089
- Integrated CNI - A new testing challenge — Communication, Navigation and Identification p 18 A83-11095
- ICNIA - Lessons learned on sensor integration — Integrated Communication Navigation Identification Avionics p 18 A83-11096
- Voice techniques on board aircraft - An experimental approach p 19 A83-11123
- Fiber optics wavelength division multiplexing for aircraft applications p 21 A83-11181
- High speed data link concepts for military aircraft p 36 A83-11233
- The development of radio engineering p 180 A83-16898
- USAF ground fiber optic development program p 228 A83-19711
- Obscuration by helicopter-produced snow clouds p 197 A83-22357
- ARINC 429 digital data communications for commercial aircraft p 253 A83-24435
- A Differential Omega/VLF Navigator p 254 A83-24856

- Characterization of the dynamical response of receivers to fading p 299 A83-26471
- Data transmission in the case of secondary radar / Mode S/ p 320 A83-27124
- Probabilistic estimation of the efficiency of radio systems in the presence of interference p 405 A83-30731
- An overview of airborne optical communications p 592 A83-42574
- Wide-beam atmospheric optical communication for aircraft application using semiconductor diodes p 669 A83-44159
- A flight investigation of simulated data-link communications during single-pilot IFR flight Volume 2 Flight evaluations [NASA-CR-3653] p 146 N83-14098
- Oceanic Area System Improvement Study (OASIS) Volume 1 Executive summary and improvement alternatives development and analysis [FAA-EM-81-17-VOL-1] p 200 N83-16314
- Oceanic Area System Improvement Study (OASIS) Volume 2 North Atlantic region air traffic services system description [FAA-EM-81-17-VOL-2] p 201 N83-16315
- Oceanic Area System Improvement Study (OASIS) Volume 3 Central East Pacific region air traffic services system description [FAA-EM-81-17-VOL-3] p 201 N83-16316
- Oceanic Area System Improvement Study (OASIS) Volume 4 Caribbean region air traffic services system description [FAA-EM-81-17-VOL-4] p 201 N83-16317
- Oceanic Area System Improvement Study (OASIS) Volume 5 North Atlantic, Central East Pacific, and Caribbean regions communication systems description [FAA-EM-81-17-VOL-5] p 201 N83-16318
- Automatic speech recognition as a cockpit interface p 736 N83-34899
- AIRCRAFT COMPARTMENTS**
- The development and application of a full-scale wide-body test article to study the behavior of interior materials during a post crash fuel fire p 173 A83-18373
- Safety requirements and trends in the passenger aircraft cabin area [DGLR PAPER 82-043] p 247 A83-24167
- Evaluation of interior noise control treatments for high-speed propfan-powered aircraft [AIAA PAPER 83-0693] p 264 A83-25914
- Noise source identification in airplane cabins using acoustic intensity technique [AIAA PAPER 83-0718] p 307 A83-25931
- Synchrophasing for cabin noise reduction of propeller-driven airplanes [AIAA PAPER 83-0717] p 328 A83-28013
- Choice of optimal cabin capacity — statistical model for optimal number of seats in passenger aircraft p 318 A83-29968
- Effectiveness of seat cushion blocking layer materials against cabin fires [SAE PAPER 821484] p 507 A83-38003
- A mathematical model on the thermal behaviour of an aircraft cabin — Thesis p 676 A83-46691
- A combined hazard index fire test methodology for aircraft cabin materials, volume 1 [AD-A117448] p 15 N83-10025
- A combined hazard index fire test methodology for aircraft cabin materials, volume 2 [AD-A117449] p 15 N83-10026
- Aircraft cabin safety staffing standards [H-REPT-97-394] p 15 N83-11093
- Aircraft cabin safety staffing standards [GPO-77-969] p 16 N83-11094
- Dayton aircraft cabin fire model, version 3 Volume 2 Program user's guide and appendices [AD-A118390] p 16 N83-11099
- Application of thermochemical modeling to aircraft interior polymers materials [NASA-CR-169384] p 211 N83-12237
- The manufacture of interior decoration wall plates for the Yier-86 aircraft [AD-A118962] p 155 N83-14112
- In-flight aircraft seat fire extinguishing tests (cabin hazard measurements) [FAA-CT-82-111] p 197 N83-16308
- Development of aircraft lavatory compartments with improved fire resistance characteristics Phase 4 Sandwich panel decorative ink development [NASA-CR-166432] p 296 N83-18851
- An operational hygiene study for ozone in the cabin of the Canadian Forces (CC137) Boeing 707 aircraft [AD-A121749] p 332 N83-20937
- Numerical calculations of turbulent buoyant flow in aircraft cabins [FAA-CT-82-61] p 319 N83-22170
- Computer modeling of aircraft cabin fire phenomena [PB83-119891] p 319 N83-22174

- A preliminary comparison between the SR-6 propeller noise in flight and in a wind tunnel [NASA-TM-83341] p 412 N83-24287
- Fire containment characteristics of aircraft class D cargo compartments [FAA-CT-82-156] p 509 N83-27968
- The toxic nature of gases from the thermal decomposition of combustible materials — in aircraft passenger cabins [RAE-TRANS-2082] p 553 N83-28118
- CB agent threat to atmosphere inside Navy aircraft [AD-A127882] p 589 N83-31587
- Assessment of correlations between laboratory and full-scale experiments for the FAA (Federal Aviation Administration) Aircraft Fire Safety Program Part 6 Reduced-scale modeling of compartments at atmosphere pressure [PB83-193052] p 721 N83-34927
- AIRCRAFT CONFIGURATIONS**
- The fundamental geometrical and aerodynamic characteristics of aircraft and rockets — Russian book p 7 A83-10669
- The water tunnel - A helpful simulation facility for the aircraft industry p 55 A83-11080
- A numerical simulation of three-dimensional transonic flows of compressible perfect fluids around aircraft by use of the finite element and least squares methods [AAAF PAPER NT 81-23] p 64 A83-11779
- Military potential of the ABC p 30 A83-12097
- The UH-60A Black Hawk - A world-wide force multiplier p 30 A83-12934
- Airframe effects on a top-mounted fighter inlet system p 177 A83-13166
- Problems concerning supersonic flow past bodies of prismatic configurations p 179 A83-16394
- PAN AIR applications to complex configurations — computer program for predicting subsonic and supersonic linear potential flows [AIAA PAPER 83-0007] p 129 A83-16459
- Aerodynamic investigation of closely coupled lifting surfaces with positive and negative stagger for general aviation applications [AIAA PAPER 83-0057] p 129 A83-16489
- SAMID, an interactive system for the analysis and constrained minimization of induced drag of aircraft configurations [AIAA PAPER 83-0095] p 149 A83-16519
- A method for estimating the propulsion induced aerodynamic characteristics of STOL aircraft in ground effect [AIAA PAPER 83-0169] p 149 A83-16587
- On the aerodynamics of over-the-wing nacelles supported on 'stub-wings' [AIAA PAPER 83-0538] p 150 A83-16774
- Finite-volume solutions to the Euler equations in transonic flow [AIAA PAPER 81-1265] p 136 A83-18405
- The Hummercraft p 204 A83-21033
- Configuration development for a highly maneuverable experimental aircraft with negative sweep rudder units [DGLR PAPER 82-035] p 261 A83-24160
- Delta canard configuration at high angle of attack p 285 A83-24650
- The response of aircraft to pulse excitation p 434 A83-34312
- KC-135/CFM56 re-engine - The best solution [AIAA PAPER 83-1374] p 456 A83-36387
- The F-16 - A technology demonstrator, a prototype, and a flight demonstrator [AIAA PAPER 83-1063] p 438 A83-36467
- Configuration development of a research aircraft with post-stall maneuverability p 439 A83-36915
- Wind tunnel tests of over-the-wing nacelles — supported on 'stub-wings' p 422 A83-36916
- Configuration studies for future fighters p 516 A83-37859
- NGT sub-scale flight demonstrator - A cost-effective approach to aircraft development — Next Generation Trainer [SAE PAPER 821341] p 517 A83-37952
- Effects of nacelle position and shape on performance of subsonic cruise aircraft [AIAA PAPER 83-1124] p 519 A83-38079
- PAN AIR modeling studies — higher order panel method for aircraft design [AIAA PAPER 83-1830] p 498 A83-38660
- Inviscid drag calculations for transonic flows [AIAA PAPER 83-1928] p 503 A83-39380
- Solution of the Euler equations for complex configurations [AIAA PAPER 83-1929] p 503 A83-39381
- B-1B manufacturing - Avco modifies prototype processes for production p 491 A83-40333
- Subsonic roll oscillation experiments on the Standard Dynamics Model [AIAA PAPER 83-2134] p 626 A83-41956

## SUBJECT INDEX

A grid overlapping scheme for flowfield computations about multicomponent configurations p 581 A83-43443

Unsteady aerodynamic forces and flutter analysis for a wing-airfoil-tab configuration p 643 A83-43688

Design, construction, and operation of the calibration model for the DNW wind tunnel p 752 A83-47209

PAN AIR applications to complex configurations --- computer program for predicting subsonic and supersonic linear potential flows p 716 A83-48221

Wave drag prediction using a simplified supersonic area rule p 716 A83-48222

Effect of aircraft configuration and control integration on surface actuation [AIAA PAPER 83-2487] p 727 A83-48347

Efficient computational grid generation for three-dimensional aircraft configurations [AIAA PAPER 83-2557] p 729 A83-48378

Characteristics of the ground vortex developed by various V/STOL jets at forward speeds [AIAA PAPER 83-2494] p 717 A83-49585

Exploratory low-speed wind-tunnel investigation of advanced commuter configurations including an over-the-wing propeller design [AIAA PAPER 83-2531] p 732 A83-49590

Low speed aerodynamic characteristics of a model having a 42 deg swept low wing with a supercritical airfoil, double-slotted flaps, and a T-tail [NASA-TM-X-2582] p 5 N83-11030

A general program for predicting rigid-aircraft gust response [ARL/AERO-NOTE-407] p 203 N83-12097

EMC analysis of a prototype civil use GPS receiver on four aircraft configurations [ECAC-CR-82-048] p 217 N83-12300

Air Force Academy Aeronautics Digest, Fall/Winter, 1981 [AD-A119168] p 176 N83-13066

Dynamic stability of flight vehicles [AD-A119637] p 170 N83-14137

Helicopter fin effectiveness [BU-271] p 206 N83-16336

A study of aerodynamic characteristics of wing-body combinations Part 1 Case of a mid-wing airplane [NAL-TR-729-PT-1] p 245 N83-18675

Flow visualization techniques for the study of high incidence aerodynamics p 245 N83-18686

Influence of configuration components of statically unstable combat aircraft on the aerodynamic design for high angle-of-attack p 245 N83-18694

Rotary balance data for a typical single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg 1 Influence of airplane components for model D --- Langley spin tunnel tests p 315 N83-20918

A computer program for obtaining airplane configuration plots from digital Datcom input data [NASA-TM-84639] p 331 N83-20933

A common geometric data-base approach for computer-aided manufacturing of wind-tunnel models and theoretical aerodynamic analysis [NASA-TP-2151] p 316 N83-22166

Flying qualities of relaxed static stability aircraft, volume 2 --- flight characteristics [AD-A128720] p 333 N83-22190

Wind tunnel flow quality and data accuracy requirements [AGARD-AR-184] p 376 N83-23276

Effect of empennage location on twin-engine afterbody-nozzle aerodynamic characteristics at Mach Numbers from 0.6 to 1.2 --- wind tunnel tests [NASA-TP-2116] p 424 N83-25666

Experimental studies of the separating confluent boundary-layer Volume 1 Summary [NASA-CR-3655] p 427 N83-26822

Selected advanced aerodynamics and active controls technology concepts development on a derivative B-747 aircraft [NASA-CR-3295] p 442 N83-26831

Structural response of transport airplanes in crash situations [NASA-TM-85654] p 527 N83-27980

Rotorcraft convertible engine study [NASA-CR-168161] p 537 N83-27996

Integrated Application of Active Controls (IAAC) technology to an advanced subsonic transport project Wing planform study and final configuration selection [NASA-CR-165630] p 605 N83-30401

Energy efficient engine Core engine bearings, drives and configuration Detailed design report [NASA-CR-165376] p 617 N83-30430

Angle-of-attack feedback in manual aircraft control Piloting techniques and some flight training implications p 751 N83-34954

Pan Air Geometry Management System (PAGMS) A data-base management system for PAN AIR geometry data [NASA-CR-16581] p 771 N83-35943

### AIRCRAFT CONSTRUCTION MATERIALS

Materials for the manufacture of aircraft instruments and structures --- Russian book p 58 A83-10466

A production engineers view of advanced composite materials p 59 A83-11800

The use of composite materials in aircraft propellers p 42 A83-12966

The impact of composite technology on commercial transport aircraft p 30 A83-12969

The ULS experimental ultralight glider made of polymer composites 1 - Genesis of the program and construction of the glider p 189 A83-14621

Helicopter technology for the 1990s p 192 A83-16372

The application of energy saving concepts to future fighter/attack aircraft design [AIAA PAPER 83-0092] p 149 A83-16516

Evolution of the application of composite materials to helicopters p 151 A83-18376

Composite technology in the UK helicopter industry p 151 A83-18377

Development of a structural, bird impact resistant, de-iced wing leading edge for the de Havilland Dash 8 aircraft using fibre-reinforced composites p 153 A83-18823

A new high impact resin system for advanced composites with 300 F / 150 C / properties p 222 A83-20429

The development of advanced composite front fuselage technology p 202 A83-20464

Service history of phosphoric acid anodized aluminum structure --- with adhesive bonding for aircraft construction p 185 A83-20479

Damage tolerance and reparability of advanced composite structures p 222 A83-20484

Advanced composite materials in aerobatic aircraft p 203 A83-20496

Fabrication of aircraft components using prepried broadgoods layed-up in the flat and subsequently formed - Cost benefits and resource utilization enhancements p 241 A83-23602

Advanced composites structures at Hughes Helicopters, Inc p 260 A83-23845

Thermal performance of aircraft polyurethane seat cushions p 294 A83-23849

Investigations concerning the structural design of a forward swept wing for a combat aircraft [DGLR PAPER 82-036] p 261 A83-24161

Developmental trends in helicopter design [DGLR PAPER 82-065] p 262 A83-24179

Noise transmission characteristics of advanced composite structural materials [AIAA PAPER 83-0694] p 306 A83-25915

Development of a mini RPV - Stableye p 326 A83-28180

Advanced design structural considerations when introducing new materials and construction methods p 328 A83-29394

Statistical modeling of ballistic damage and residual strength in composite structures [AIAA 83-1002] p 351 A83-29790

Repairing composite structures p 371 A83-30074

Development of structural materials for the new generation of aircraft p 383 A83-30511

First design details of the all-composite Lear Fan p 383 A83-30829

Composite materials applications in the manufacture of helicopters - Design and problems of helicopters p 385 A83-31822

The residual strength of prefabricated structures made of pressed panels of D18chT alloy and its modifications p 406 A83-32075

Effects of extreme aircraft storage and flight environments on graphite/epoxy p 403 A83-33122

Technology status for an advanced supersonic transport [SAE PAPER 820955] p 433 A83-33627

Highly stressed materials, with aviation considered as an example --- Book p 467 A83-33951

Materials in the mirror of aviation criteria p 434 A83-33952

Material, structural component, service life --- of aircraft construction materials p 468 A83-33953

Structural members made of high-strength cast aluminum and their properties --- and reduction of aircraft production costs p 468 A83-33954

High-strength aluminum high-quality casting alloy in aeronautics and astronautics p 468 A83-33955

Light aircraft and sailplane structures in reinforced plastics p 435 A83-36065

XB-70 technology advancements [AIAA PAPER 83-1048] p 437 A83-36460

## AIRCRAFT CONSTRUCTION MATERIALS

New metal technologies in airframe construction p 557 A83-37861

Advanced aluminum alloy for transport aircraft - Why and what are the benefits [SAE PAPER 821345] p 550 A83-37954

Design of an aerobatic aircraft wing using advanced composite materials [SAE PAPER 821346] p 517 A83-37955

Composite materials in aircraft structures p 551 A83-40130

Hybrid composite application to the Boeing 767 wing/body fairing p 525 A83-40244

Kevlar aramid as a fiber reinforcement with emphasis on aircraft p 552 A83-40286

New insights in structural design of composite rotor blades for helicopters p 525 A83-40287

Advanced composites for advanced aircraft p 552 A83-40342

Fatigue crack initiation and propagation in several nickel-base superalloys at 650 C p 634 A83-41199

Design, fabrication, and qualification of composite carbon/epoxy horizontal stabilizer components p 575 A83-42546

Universities - Have they a role in aeronautical research? Structures and materials p 642 A83-42618

The in-service flight testing of some carbon fibre-reinforced plastic components p 599 A83-42808

The survivable aircraft fire p 585 A83-43407

Optimization of fire blocking layers for aircraft seating [SAE PAPER 1468] p 585 A83-43742

Design-to-cost in the application of advanced composite technology [SAE PAPER 1480] p 654 A83-43749

Advanced material application on the European wide body transport aircraft Airbus [SAE PAPER 1484] p 603 A83-43751

Weight control program for a graphite/epoxy aircraft [SAE PAPER 1485] p 635 A83-43752

Application of finite element analysis techniques to the derivation of advanced composite structure weight [SAE PAPER 1490] p 644 A83-43757

A critical commentary on magnetic particle inspection p 694 A83-43829

Composite helicopter structure tested for crashworthiness p 675 A83-44875

Shot peening for advanced aerospace design, Proceedings of the Aerospace Congress and Exposition, Anaheim, CA, October 25-28, 1982 p 696 A83-45872

The application of shot peen forming technology to commercial aircraft wing skins [SAE PAPER 821456] p 657 A83-45875

Composites in commercial aircraft p 692 A83-46281

Consideration on the fatigue damage of specimens used for composite critical components qualification p 697 A83-46307

Design impact of composites on fighter aircraft I - They force a fresh look at the design process p 676 A83-46347

Safe structures for future aircraft p 676 A83-46350

Method of construction and fabrication procedures for the A300-rudder unit, using a carbon-fiber type of construction p 710 A83-47211

Depot level reparability, maintainability, and supportability of advanced composites [AIAA PAPER 83-2516] p 728 A83-48360

Impact of composites on fighter aircraft II - Composites New look to the aircraft production line p 711 A83-48889

Material selection for the new-technology commercial transport - The designer's dilemma [AIAA PAPER 83-2477] p 758 A83-49583

Developments in UK rotor blade technology [AIAA PAPER 83-2525] p 731 A83-49589

Advanced composite elevator for Boeing 727 aircraft [NASA-CR-157823] p 61 N83-11248

Advanced Materials Technology [NASA-CP-2251] p 210 N83-12147

Polymer materials research at NASA Ames Research Center p 210 N83-12150

Polymer matrix composites research at NASA Lewis Research Center p 210 N83-12151

Development of lightweight, fire retardant, low smoke, thermally stable, high strength floor paneling Passenger floor panels [NASA-CR-167770] p 212 N83-13174

Flight service evaluation of composite components on the Bell Helicopter model 206L. Design, fabrication and testing [NASA-CR-166002] p 177 N83-14169

PMR polyimide composites for aerospace applications [NASA-TM-83047] p 178 N83-15364

Design considerations for the construction of a Shenfi wing in composite materials [BU-280] p 206 N83-16337

- Repair techniques for graphite/epoxy structures for commercial transport applications  
[NASA-CR-159056] p 225 N83-16397
- Practical Considerations of Design, Fabrication and Tests for Composite Materials  
[AD-A123450] p 227 N83-17609
- The nature of fibre composite materials  
p 227 N83-17610
- An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 4 Flammability tests  
[PB83-113548] p 251 N83-19729
- Composite materials on a commuter aircraft The ATR 42  
[SNIAS-822-111-105] p 403 N83-23363
- Air Force technical objective document FY 1984  
[AD-A123961] p 487 N83-26783
- Investigation of the RF properties of carbon fiber composite materials  
[ERA-81-109] p 552 N83-28084
- Further measurements of the screening effectiveness of carbon fiber composite materials --- for helicopter panels  
p 552 N83-28088
- EMC implications of using CFC materials in aircraft manufacture  
p 552 N83-28093
- The toxic nature of gases from the thermal decomposition of combustible materials --- in aircraft passenger cabins  
[RAE-TRANS-2082] p 553 N83-28118
- Advanced composite aileron for L-1011 transport aircraft Ground tests and flight evaluation  
[NASA-CR-165664] p 606 N83-30405
- Sonic fatigue testing of the NASA L-1011 composite aileron  
p 607 N83-30796
- Aerospace industry materials Choice criteria and needs to be met  
[SNIAS-831-502-101] p 658 N83-32742
- Review of investigations of aeronautical fatigue in the Federal Republic of Germany  
[LBF-S-166] p 703 N83-34387
- AIRCRAFT CONTROL**
- Experiment control in problems of minimax estimation --- for aircraft longitudinal control  
p 69 N83-10455
- Integrated perceptual information for designers  
p 63 N83-11136
- Design and application of a multivariable, digital controller to the A-7D Digilac II aircraft model  
p 45 N83-11148
- Integrated airframe/propulsion controls technology  
p 46 N83-11175
- Design of direct digital adaptive flight-mode control systems for high-performance aircraft  
p 46 N83-11179
- Sensor snap and narrow field-of-view inset for terrain avoidance flight  
p 36 N83-11188
- Advanced automatic terrain following/terrain avoidance control concepts study  
p 47 N83-11254
- F-18 Hornet high angle of attack /AOA/ program  
p 47 N83-11809
- Implementation of the DAST ARW II control laws using an 8086 microprocessor and an 8087 floating-point coprocessor --- drones for aerelasticity research  
p 71 N83-11910
- An analytical pilot rating method for highly elastic aircraft  
p 203 N83-14843
- Cross-coupling between longitudinal and lateral aircraft dynamics in a spiral dive  
p 203 N83-15312
- Nonlinear controller for the pitch-up region  
[AIAA PAPER 83-0064] p 168 N83-16496
- Effects of control saturation on the command response of statically unstable aircraft  
[AIAA PAPER 83-0065] p 168 N83-16497
- 'A total G-force environment dynamic flight simulator' - A new dimension in flight simulation  
[AIAA PAPER 83-0139] p 171 N83-16548
- Assessment of advanced fighter powered approach simulations  
[AIAA PAPER 83-0141] p 168 N83-16550
- Active control of a relaxed-static stability airplane using a discrete model following technique  
[AIAA PAPER 83-0279] p 168 N83-16624
- Aircraft electrical equipment --- Russian book  
p 162 N83-17125
- A proposed simple and safe aircraft take-off or landing procedure with wing roughness or protuberances  
[AIAA PAPER 83-0604] p 153 N83-19594
- Nonlinear observers for evaluating the state variables of the longitudinal motion of an aircraft --- German thesis  
p 169 N83-19622
- Extended perfect model following --- control system synthesis technique  
p 235 N83-20289
- Application of vector performance optimization to a robust control loop design for a fighter aircraft  
p 215 N83-21160
- Realistic 'feel' in flight simulators is based on precise control loading  
p 219 N83-23240

- Maneuver load control for reducing the design loads of modern combat aircraft  
[DGLR PAPER 82-046] p 284 A83-24169
- The construction of augmented tracking regulators for piloting highly maneuverable aircraft  
[ONERA, TP NO 1982-118] p 284 A83-24329
- A unifying framework for longitudinal flying qualities criteria  
p 285 A83-24429
- Control characteristics of a buoyant quad-rotor research aircraft  
p 262 A83-24430
- The Special Research Area of Flight Control, Colloquium, Brunswick, West Germany, September 9, 10, 1981, Reports  
p 257 A83-26476
- Integrated flight path control system  
p 286 A83-26477
- Structure and mode of operation of an interactive onboard four-dimensional flight path control system  
p 286 A83-26478
- The design of wind shear filters  
p 286 A83-26483
- A discrete tracking control law for nonlinear plants --- applied to F-8 aircraft stall recovery  
p 286 A83-26503
- Synthesis of C(astenski)-model reference adaptive flight controller  
p 287 A83-26559
- Development of adaptation and identification algorithms in adaptive digital aircraft control systems  
p 287 A83-26600
- Self-tuning fly-by-wire control system  
p 287 A83-26603
- Altitude transitions in energy climbs  
p 287 A83-26604
- Development and validation of the V/STOL aerodynamics and stability and control manual  
p 312 A83-29020
- Airplane model structure determination from flight data  
p 340 A83-29023
- On the synthesis of the optimal control of a certain hydromagnetic process --- with applications in flight vehicle and temperature control  
p 363 A83-29285
- Solution of the fundamental control problem /FCP/ --- for aircraft  
p 341 A83-29291
- Test demonstration of digital control of wing/store flutter  
p 383 A83-30163
- Excessive roll damping can cause roll ratchet  
p 395 A83-30171
- Globally stable nonlinear flight control system  
p 395 A83-32425
- The definition of short-period flying qualities characteristics via equivalent systems  
p 395 A83-32578
- Sidestick controller design requirements  
p 396 A83-32934
- Advanced navigation systems and fuel conservation  
p 428 A83-33545
- Bring cohesion to handling-qualities engineering  
p 434 A83-35772
- Aircraft active controls - New era in design  
p 461 A83-35773
- Use of flight test results to improve the flying qualities simulation of the B-52H weapon system trainer  
[AIAA PAPER 83-1091] p 437 A83-36215
- Definition of vectored nonaxisymmetric nozzle plumes --- for aircraft thrust vector control  
[AIAA PAPER 83-1290] p 423 A83-36924
- Plotted simulation of hover and transition of a vertical attitude takeoff and landing aircraft  
p 516 A83-37064
- Integrated control techniques  
p 567 A83-37102
- System design approaches to integrated controls  
p 511 A83-37103
- Role of standards with integrated control  
p 568 A83-37104
- Model reference adaptive control in the presence of measurement noise  
p 568 A83-37128
- A variable structure approach to robust control of VTOL aircraft  
p 544 A83-37145
- The all electric airplane-benefits and challenges  
[SAE PAPER 821434] p 518 A83-37982
- Hover and transition flight performance of a twin tilt-nacelle V/STOL configuration  
[AIAA PAPER 83-1824] p 520 A83-38656
- High angle-of-attack flight dynamics of a forward swept wing fighter configuration  
[AIAA PAPER 83-1837] p 544 A83-38666
- Dynamic analysis of the Magnus Aerospace Corporation LTA 20-1 heavy-lift aircraft  
[AIAA PAPER 83-1977] p 522 A83-38908
- Flight test of the HX I radio-controlled hybrid airship  
[AIAA PAPER 83-1992] p 522 A83-38917
- Wind tunnel evaluation of tactical aircraft stability and control as affected by nozzle thrust reverser parameter variations  
[AIAA PAPER 83-1228] p 545 A83-39103
- Control configured vehicle as a new generation aircraft  
p 618 A83-40884
- Application of optimal control theory to aircraft gust load alleviation  
p 619 A83-41484

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p 650 A83-41659
- Integrated airframe/propulsion control system architectures (IAPSA) study  
[AIAA PAPER 83-2158] p 595 A83-41660
- Robust fault detection, isolation, and accommodation to support integrated aircraft control  
[AIAA PAPER 83-2161] p 619 A83-41661
- Simulation evaluation of flight controls and display concepts for VTOL shipboard operations  
[AIAA PAPER 83-2173] p 575 A83-41668
- Flight-test results using nonlinear control with the F-8C digital fly-by-wire aircraft  
[AIAA PAPER 83-2174] p 619 A83-41669
- Robustness analysis of a multiloop flight control system  
[AIAA PAPER 83-2189] p 619 A83-41675
- An advanced control system for a next generation transport aircraft  
[AIAA PAPER 83-2194] p 620 A83-41679
- Impact of aircraft structural dynamics on integrated control design  
[AIAA PAPER 83-2216] p 596 A83-41698
- Optimal symmetric flight with an intermediate vehicle model  
[AIAA PAPER 83-2238] p 596 A83-41715
- Restructurable controls for aircraft  
[AIAA PAPER 83-2255] p 622 A83-41728
- Robustness of a decoupled multivariable digital flight control system  
[AIAA PAPER 83-2272] p 622 A83-41738
- Tradeoff studies in multiobjective insensitive design of airplane control systems  
[AIAA PAPER 83-2273] p 622 A83-41739
- MIMO controller design for longitudinal decoupled aircraft motion --- Multi-Input/Multi-Output  
[AIAA PAPER 83-2274] p 623 A83-41740
- Comparison of the Bode envelope criterion with other criteria  
[AIAA PAPER 83-2073] p 624 A83-41910
- A modal analysis of flexible aircraft dynamics with handling qualities implications  
[AIAA PAPER 83-2074] p 624 A83-41911
- Sensitivity of digital flight control design to parameter estimation error  
[AIAA PAPER 83-2089] p 624 A83-41921
- Status of the development of handling criteria for VSTOL transition  
[AIAA PAPER 83-2103] p 624 A83-41932
- New flying qualities criteria for relaxed static longitudinal stability  
[AIAA PAPER 83-2104] p 625 A83-41933
- Comparison of fixed-base and in-flight simulation results for lateral high order systems  
[AIAA PAPER 83-2105] p 625 A83-41934
- F/A-18 high angle of attack departure resistant criteria for control law development  
[AIAA PAPER 83-2126] p 626 A83-41950
- Separation of time scales in aircraft trajectory optimization  
[AIAA PAPER 83-2136] p 597 A83-41958
- Circulation-controlled elliptical airfoil  
p 580 A83-42537
- Fail-operational DAFCS for business/commuter aircraft --- Digital Automatic Flight Control System  
[SAE PAPER 830714] p 626 A83-43324
- Nonlinear control law for piloting aircraft in the air-to-ground attack phase  
[ONERA, TP NO 1983-37] p 687 A83-44315
- An optimal control approach to pilot/vehicle analysis and the Neal-Smith criteria  
p 687 A83-45462
- Electromechanical control systems  
p 750 A83-47201
- Advancing electronic technology impact on integrated propulsion/airframe controls design and development  
[ASME PAPER 83-GT-161] p 725 A83-47985
- F-14 aircraft and propulsion control integration evaluation  
[ASME PAPER 83-GT-234] p 744 A83-48029
- Integrated control system concept for high-speed aircraft  
[AIAA PAPER 83-2564] p 751 A83-50074
- Criteria for Handling Qualities of Military Aircraft  
[AD-A118596] p 48 N83-10054
- Handling qualities of transports with advanced flight control systems  
p 49 N83-10061
- Bandwidth - A criterion for highly augmented airplanes  
p 49 N83-10063
- Development of handling qualities testing in the 70's  
A new direction  
p 51 N83-10077
- Prediction of aircraft handling qualities using analytical models of the human pilot  
p 52 N83-10079



# SUBJECT INDEX

Stability and control characteristics Including aileron hinge moments of a model of a supercritical wing research airplane  
[NASA-TM-X-2929] p 4 N83-11024

Stability and control of the Gossamer human powered aircraft by analysis and flight test  
[NASA-CR-3627] p 11 N83-11062

Digital flight control system design using singular perturbation methods  
[AD-A118117] p 53 N83-11143

A technical analysis of rehosting the National Aerospace System software  
[AD-A118828] p 187 N83-12069

Real-time data display for AFTI/F 18 flight testing  
[NASA-TM-84899] p 198 N83-13095

The influence of the ratio of control force to control path in a miniature control element  
[TUBS/FB-80-01-02] p 205 N83-13117

A contribution to the investigation of the dynamic behavior of a controlled aircraft under wind shear conditions  
[TUBS/FB-80-07-01] p 205 N83-13118

Programming of a trajectory control calculator for calculation, manipulation and description of 4D flight trajectories  
[TUBS/FB-81-08-01] p 206 N83-13119

Nonlinear observers for estimation of the state variables of an aircraft lateral motion  
[TUBS/FB-81-11-01] p 206 N83-13120

Development of a cost effective approach to modelling aircraft response to repaired runways  
p 157 N83-15293

Integrated research aircraft control technology with full authority digital electronic control  
[NASA-CR-163100] p 170 N83-15318

The use of laterally vectored thrust to counter thrust asymmetry in a tactical jet aircraft  
[NASA-CR-166047] p 170 N83-15319

Distributed micro-processor applications to guidance and control systems  
[AD-A119562] p 236 N83-18295

Evaluation of Iroquois UH-1B stability and control  
[AD A122302] p 289 N83-19760

Applicability of 3D display research to operational needs  
p 272 N83-20702

A computer program for obtaining airplane configuration plots from digital Datcom input data  
[NASA-TM-84639] p 331 N83-20933

The integrated manual and automatic control of complex flight systems  
[NASA-CR 170099] p 342 N83-20951

Advances in Guidance and Control Systems  
[AD A125687] p 311 N83-22093

Progress and pitfalls in advanced flight control systems  
p 342 N83-22094

Designing improved tracking regulators for piloting highly maneuverable aircraft --- fighter aircraft  
p 342 N83-22095

Systematic computer aided control design  
p 342 N83-22097

A modular approach to high reliability software generation with application to nonlinear control  
p 363 N83-22104

Development and application of digital control for tactical aircraft flutter suppression  
p 343 N83-22108

Ground and flight testing on the fly-by-wire Jaguar equipped with a full time quadruplex digital integrated flight control system  
p 343 N83-22111

The YAV 8B simulation and modeling Volume 1  
Aircraft description and program summary  
[NASA-CR-170397] p 333 N83-22193

The YAV-8B simulation and modeling Volume 2  
Program listing  
[NASA-CR-170397] p 333 N83-22194

Inherent spiral stability in a fixed wing aircraft by means of a simplified pneumatic wing tip control system  
[NASA-CR 170207] p 344 N83-22206

Analysis of pilot control strategy  
[NASA-CR-170399] p 344 N83-22212

Adaptive flutter suppression, analysis and test  
p 346 N83-22219

Stability and control of a supersonic transport airplane during landing approach  
[NASA-TM-84659] p 396 N83-23317

Selected advanced aerodynamics and active controls technology concepts development on a derivative B-747 aircraft  
[NASA-CR-3295] p 442 N83-26831

Lateral flying qualities of highly augmented fighter aircraft, volume 1  
[AD-A118070] p 443 N83-26835

Determination of stability and control parameters of a general aviation airplane from flight data  
[NASA-TM-84635] p 461 N83-26844

TRAGEN Computer program to simulate an aircraft steered to follow a specified vehicle profile User's guide  
[NASA-CR-166062] p 569 N83-30062

Integrated Application of Active Controls (IAAC) technology to an advanced subsonic transport project. Wing planform study and final configuration selection  
[NASA-CR-165630] p 605 N83-30401

Lightning field spectra obtained from airborne measurements  
p 649 N83-31201

Restructurable controls problem definition and future research  
p 688 N83-33899

Automatic recognition of speech in military aircraft  
p 702 N83-34186

Advances in sensors and their integration into aircraft guidance and control systems  
[AGARD-AG-272] p 712 N83-34891

Introduction to optical rate sensors  
p 735 N83-34895

Low cost fluidic sensors  
p 735 N83-34897

Angle-of-attack feedback in manual aircraft control  
Piloting techniques and some flight training implications  
p 751 N83-34954

Optimal periodic control  
[AD-A130114] p 752 N83-36037

## AIRCRAFT DESIGN

Combat survivability with advanced aircraft propulsion development  
p 28 A83-10179

Air bag impact attenuation system for the AQM 34V remote piloted vehicle  
p 29 A83-10188

Analytical design of thin-wall wings at the drafting stage  
p 62 A83-10453

Designing a mini-RPV for a world endurance record  
p 2 A83-11000

Rationalizing Tacair force development in the next decade  
p 2 A83-11116

Integrated perceptual information for designers  
p 63 A83-11136

Application of model reference adaptive control to a relaxed static stability transport aircraft  
p 46 A83-11209

Optimization of aircraft structures  
p 64 A83-11857

Quadratic synthesis of integrated active controls for an aeroelastic forward-swept-wing-aircraft  
p 47 A83-12458

Nomogram for take-off performance of the V/STOL airplane  
p 30 A83-12665

Recent progress in V/STOL technology  
p 3 A83-12852

ACA ECA or pipedream, Industry needs it - but who will pay  
p 30 A83-13017

Noise and detectability characteristics of small-scale remotely piloted vehicle propellers  
p 199 A83-13162

Tomorrow's Tomcat  
p 189 A83-14324

The ULS experimental ultralight glider made of polymer composites I - Genesis of the program and construction of the glider  
p 189 A83-14621

The KC-10A - USAF's newest range extender  
p 189 A83-14700

The A310 Even better than expected  
p 190 A83-14952

Open seat ejection at high dynamic pressure A radical approach  
p 190 A83-15308

Some recent applications of high-lift computational methods at Boeing  
p 178 A83-15313

Design for global damage tolerance and associated mass penalties  
p 214 A83-15321

MPES update 1981 --- Navy Maximum Performance Ejection System program  
p 190 A83-15425

Advanced escape system design for future combat aircraft  
p 190 A83-15436

Microwave measurements for an altitude reference system design --- thrust vector controlled escape systems  
p 196 A83-15438

The next generation - The Stencel S45 ejection seat development program  
p 191 A83-15440

System identification and aircraft flutter  
p 215 A83-15546

Human engineering in aircraft and system design  
p 191 A83-16127

Highlights of the new national aeronautical research and technology policy  
p 175 A83-16374

Aerospace highlights 1982  
p 225 A83-16375

GASAP A general aviation airplane analysis and synthesis program  
[AIAA PAPER 83-0054] p 148 A83-16488

Aerodynamic optimization, companion, and trim design of canard and conventional high performance general aviation configurations  
[AIAA PAPER 83-0058] p 148 A83-16490

Efficiency improved turboprop  
[AIAA PAPER 83-0059] p 160 A83-16491

Circulation controlled STOL wing optimization  
[AIAA PAPER 83-0082] p 130 A83-16509

# AIRCRAFT DESIGN

The application of energy saving concepts to future fighter/attack aircraft design  
[AIAA PAPER 83-0092] p 149 A83-16516

Computational wing design for an advanced trainer  
[AIAA PAPER 83-0093] p 149 A83-16517

Design of optimum propellers  
[AIAA PAPER 83-0190] p 132 A83-16578

Active control of a relaxed-static-stability airplane using a discrete model following technique  
[AIAA PAPER 83-0279] p 168 A83-16624

Subsonic surface panel method for airframe analysis and wing design  
[AIAA PAPER 83-0341] p 133 A83-16667

A supersonic maneuver wing designed for nonlinear attached flow  
[AIAA PAPER 83-0425] p 134 A83-16707

Solar drones scan the earth  
p 150 A83-16872

Calculation of fundamental aerodynamic derivatives of aircraft  
p 135 A83-16882

The intricate patterns of stress  
p 180 A83-17282

Application of the PANAIR production code to a complex canard/wing configuration  
[AIAA PAPER 83-0009] p 136 A83-17902

Boeing gains real-time flight data  
p 172 A83-18270

Rockwell B-1B design to be studied in new cab  
p 173 A83-18271

Computer models cut USAF test costs  
p 173 A83-18274

How decisions are made - Major considerations for aircraft programs  
p 152 A83-18398

Effects of spanwise blowing and reverse thrust on fighter low-speed aerodynamics  
p 136 A83-18410

V/STOL - A practical weapon system  
p 127 A83-18808

Development of a structural, bird impact resistant, deiced wing leading edge for the de Havilland Dash 8 aircraft using fibre-reinforced composites  
p 153 A83-18823

Military propulsion technology II - Supersonic V/STOL technology shapes up  
p 163 A83-18949

The General Dynamics F-16 XL fighter aircraft  
p 153 A83-19411

US Navy STOVL - Waiting in the wings  
p 153 A83-19450

Theory of resistance interference of airfoil wings and engine exhaust  
p 188 A83-19667

A superelement analysis of stiffened shells --- Russian book on aircraft fuselage structures  
p 202 A83-20392

Curvature transitions of composite curves and surfaces  
Questions regarding details of computer-aided design --- German thesis  
p 235 A83-20398

The development of advanced composite front fuselage technology  
p 202 A83-20464

Advanced composite materials in aerobatic aircraft  
p 203 A83-20496

The future for fighter aircraft  
p 186 A83-20597

Technology and modern fighter aircraft - The evolutionary F-16  
p 203 A83-20598

NGT - The Next Generation Trainer  
p 203 A83-20599

Thirty years of fighter armament  
p 203 A83-20600

USAF's design guide coming out next month  
p 239 A83-20647

Operator influences on aircraft design  
p 204 A83-21032

Design, analyses, and model tests of an aeroelastically tailored lifting surface  
p 204 A83-22155

Analysis of aero-optic interface phenomena  
p 190 A83-22588

Initial design of stringer stiffened bend boxes using geometric programming  
p 232 A83-23149

Microlights - The state of the art  
p 241 A83-23685

Aviation system technology from the point of view of the aircraft manufacturer  
[DGLR PAPER 82-025] p 242 A83-24152

Development trend in general aviation  
[DGLR PAPER 82-026] p 242 A83-24153

Alternative wing concepts for a long-distance aircraft of the nineties  
[DGLR PAPER 82-029] p 261 A83-24155

Performance-increasing modifications on transonic passenger plane wings  
[DGLR PAPER 82-031] p 261 A83-24157

Configuration development for a highly maneuverable experimental aircraft with negative sweep rudder units  
[DGLR PAPER 82-035] p 261 A83-24160

Investigations concerning the structural design of a forward swept wing for a combat aircraft  
[DGLR PAPER 82-036] p 261 A83-24161

Design and manufacture of the Tornado carbon-fiber reinforced plastics taileron  
[DGLR PAPER 82-038] p 261 A83-24162

Integrated avionics/weapon system for air/ground missions  
[DGLR PAPER 82-039] p 253 A83-24163

- Economic conditions and key points of BMFT air transport research requirements in the eighties [DGLR PAPER 82-044] p 242 A83-24168
- Maneuver load control for reducing the design loads of modern combat aircraft [DGLR PAPER 82-046] p 284 A83-24169
- Design and implementation of an active load alleviation system, taking into account the example of a modern transport aircraft [DGLR PAPER 82-045] p 284 A83-24170
- The consideration of operational aspects for utility-/commuter aircraft, taking into account the example of the Dornier 228 [DGLR PAPER 82-047] p 247 A83-24171
- New technology in general aviation [DGLR PAPER 82-048] p 262 A83-24172
- The German-Dutch wind tunnel as an aid in aircraft development [DGLR PAPER 82-050] p 289 A83-24173
- Performance improvements of single-engine business airplanes by the integration of advanced technologies [DGLR PAPER 82-064] p 262 A83-24178
- Design, construction, and testing of an experimental propeller in the 750 PS performance class [DGLR PAPER 82-066] p 274 A83-24180
- Development of four profiles for an experimental propeller in the performance class of 750 PS [DGLR PAPER 82-067] p 243 A83-24181
- The cost definition phase of a new commercial aircraft programme p 242 A83-24425
- Control characteristics of a buoyant quad-rotor research aircraft p 262 A83-24430
- The ATR 42 will keep its promises p 262 A83-25115
- Homebuilt airplanes - The sky's the limit p 242 A83-25122
- Now is the time for new fighters p 262 A83-25137
- A hybrid facility for the simulation, development, and validation of ECS microprocessor based controls [SAE PAPER 820867] p 289 A83-25766
- ECS schemes for All Electric Airliners [SAE PAPER 820870] p 263 A83-25769
- Thermal design of integrated avionics racks for aircraft [SAE PAPER 820871] p 263 A83-25770
- Thermal design of standard avionics enclosures [SAE PAPER 820878] p 256 A83-25772
- State-space aeroelastic modeling and its application in flutter calculation p 300 A83-26761
- Development of a mini RPV - Stableye p 326 A83-28180
- Some effects of size on non-rigid airships p 327 A83-28192
- Preliminary report on the engineering development of the Magnus Aerospace Corp LTA 20-1 heavy-lift aircraft p 327 A83-28193
- Investigation of possible LTA craft application to solve national economy problems p 317 A83-28194
- Propulsion system installation design for high-speed prop-fans p 337 A83-29014
- Design and development of the RF-5E aircraft p 327 A83-29015
- Influence of leading-edge thrust on twisted and cambered wing design for supersonic cruise p 312 A83-29018
- The application of a sub-scale flight demonstrator as a cost effective approach to aircraft development p 328 A83-29395
- Dash 8 - Canada's new commuter p 328 A83-29675
- An optimality criterion method for structures with stress, displacement and frequency constraints [AIAA 83-0939] p 356 A83-29769
- A building block approach to design verification testing of primary composite structure [AIAA 83-0947] p 356 A83-29775
- Design for prevention of acoustic fatigue --- of aircraft structures [AIAA 83-0973] p 329 A83-29782
- An analytical comparison of two wing structures for Mach 5 cruise airplanes [AIAA 83-0974] p 329 A83-29806
- Design of the flutter suppression system for DAST ARW-1R - A status report [AIAA 83-0990] p 330 A83-29868
- The design, testing and analysis of aeroelastically tailored transonic flutter model wings [AIAA 83-1027] p 330 A83-29876
- AFTI/F-16 aeroservoelastic analyses and ground test with a digital flight control system [AIAA 83-0994] p 341 A83-29888
- Computational fluid dynamics of airfoils and wings p 313 A83-29927
- Military potential of TiltRotor aircraft p 318 A83-29969
- Fundamentals of flight --- Book p 371 A83-30152
- Prediction of turbulent flows - A Boeing view p 373 A83-30643
- First design details of the all-composite Lear Fan p 383 A83-30829
- Modern propellers for commuter airlines [SAE PAPER 820719] p 391 A83-30874
- The Dash 8 - Design considerations [SAE PAPER 820728] p 384 A83-30875
- The principles of aerodynamic aircraft design p 384 A83-30924
- X-29 - Advanced technology demonstrator p 384 A83-31051
- Advanced propeller technology for new commuter aircraft [SAE PAPER 820720] p 392 A83-31803
- Design considerations for ease of maintenance in commuter aircraft [SAE PAPER 820722] p 371 A83-31804
- Advanced technology for SAAB-Fairchild 340 aircraft [SAE PAPER 820729] p 384 A83-31805
- The CAC-100 - Design features --- passenger commuter transport aircraft [SAE PAPER 820730] p 385 A83-31806
- Operator influences on aircraft design p 371 A83-31813
- New aircraft. I --- for military use p 385 A83-31821
- AM-X - The export challenger with a foot in two continents p 385 A83-31940
- The B-1 gets airborne again p 386 A83-31941
- New life for the dragon lady --- U-2 aircraft design and production p 386 A83-32398
- Globally stable nonlinear flight control system p 395 A83-32425
- Flight tests verify predictions for F-20 p 396 A83-32475
- Sun-powered aircraft designs p 386 A83-32577
- Type A V/STOL - One aircraft for all support missions? p 386 A83-32580
- Use of simulated ice shapes in known icing certification p 378 A83-32936
- Certain aspects of the optimum design of hydrodynamic lifting complexes p 375 A83-33002
- The history of V/STOL aircraft II p 372 A83-33097
- Towards a renewal of the propeller in aeronautics [AAAF PAPER NT 82-01] p 392 A83-33159
- Impact of new technology on future short-haul transports [AIAA PAPER 83-1604] p 388 A83-33367
- Short haul technology - Refining the turboprop [AIAA PAPER 83-1606] p 379 A83-33368
- Aircraft design trends for cargo compatibility [AIAA PAPER 83-1609] p 380 A83-33370
- The Dash 8 development program p 433 A83-33546
- A complete introduction to the revolutionary new way to fly ultralights --- Book p 415 A83-33622
- Technology status for an advanced supersonic transport [SAE PAPER 820955] p 433 A83-33627
- Applications of advanced upper surface blowing propulsive-lift technology [SAE PAPER 820956] p 433 A83-33628
- Prop-fan powered aircraft - An overview [SAE PAPER 820957] p 434 A83-33629
- Materials in the mirror of aviation criteria p 434 A83-33952
- Recent studies at NASA-Langley of vortical flows interacting with neighboring surfaces p 417 A83-33972
- SAAB-Fairchild 340 - Transatlantic frontrunner p 434 A83-35623
- Aircraft design philosophy I - Lee Begin of Northrop p 434 A83-35624
- Aircraft active controls - New era in design p 461 A83-35773
- Design and development of a small gas turbine engine Results today - A basis for design criteria of a next generation p 446 A83-35829
- Inlet, engine, airframe controls integration development for supercruising aircraft p 447 A83-35842
- Light aircraft and sailplane structures in reinforced plastics p 435 A83-36065
- The history of V/STOL aircraft p 435 A83-36074
- Progress in propulsion system/airframe structural integration [AIAA PAPER 83-1123] p 437 A83-36234
- Aerodynamic design of propfan powered transports [AIAA PAPER 83-1213] p 437 A83-36285
- Aircraft Prototype and Technology Demonstrator Symposium, Dayton, OH, March 23, 24, 1983, Proceedings p 415 A83-36457
- Prototyping for fun and profit --- military aircraft design [AIAA PAPER 83-1045] p 415 A83-36458
- From new technology development to operational usefulness B-36, B-58, F-111/FB-111 [AIAA PAPER 83-1046] p 415 A83-36459
- XB-70 technology advancements [AIAA PAPER 83-1048] p 437 A83-36460
- Variable sweep wing design [AIAA PAPER 83-1051] p 438 A83-36461
- The application of low-cost demonstrators for advanced fighter technology evaluation [AIAA PAPER 83-1052] p 438 A83-36462
- YAV-68 flight demonstration program [AIAA PAPER 83-1055] p 438 A83-36466
- The F-16 - A technology demonstrator, a prototype, and a flight demonstrator [AIAA PAPER 83-1063] p 438 A83-36467
- AFTI/F-111 mission adaptive wing technology demonstration program [AIAA PAPER 83-1057] p 438 A83-36468
- Design for testing of a low altitude night in-weather attack system [AIAA PAPER 83-1061] p 432 A83-36470
- The Northrop Flying Wing prototypes [AIAA PAPER 83-1047] p 416 A83-36471
- Large jet aircraft validation and demonstrations - An overview of Boeing experience [AIAA PAPER 83-1049] p 439 A83-36472
- The F-5 story - Prototype and technology demonstrator [AIAA PAPER 83-1062] p 439 A83-36473
- AFTI/F-16 technology demonstrator [AIAA PAPER 83-1059] p 439 A83-36474
- Generalized maximum specific range performance p 439 A83-36918
- The future of the manned aircraft p 416 A83-36960
- A comparison of minimizing strategies for maximum likelihood identification --- stability and control derivatives of wide body aircraft p 567 A83-37085
- The impact of CFD on development test facilities - A National Research Council projection --- computational fluid dynamics [AIAA PAPER 83-1764] p 555 A83-37234
- Optimal mass distribution between the stages of a two-stage aircraft for maximization of the flight cruise range p 516 A83-37267
- New technologies for general aviation p 489 A83-37856
- Dornier Do 24 TT(technology testbed) experimental amphibian p 516 A83-37857
- Alpha Jet - Further version for the international market p 529 A83-37858
- Configuration studies for future fighters p 516 A83-37859
- Aerodynamic simulation - A key technology not only for aviation p 495 A83-37860
- NGT sub-scale flight demonstrator - A cost-effective approach to aircraft development --- Next Generation Trainer [SAE PAPER 821341] p 517 A83-37952
- Design of an aerobatic aircraft wing using advanced composite materials [SAE PAPER 821346] p 517 A83-37955
- Cabin noise weight penalty requirements for a high-speed propfan-powered aircraft - A progress report [SAE PAPER 821360] p 517 A83-37958
- Supersonic STOVL research aircraft [SAE PAPER 821375] p 517 A83-37965
- Impact protection in air transport passenger seat design [SAE PAPER 821391] p 507 A83-37967
- The all electric airplane-benefits and challenges [SAE PAPER 821434] p 518 A83-37982
- Design aspects of systems in all-electric aircraft [SAE PAPER 821436] p 518 A83-37984
- Aircraft super integrated power unit [SAE PAPER 821461] p 534 A83-37995
- Low-speed aerodynamic characteristics of a generic forward-swept-wing aircraft [SAE PAPER 821467] p 496 A83-37998
- Aircraft flexible tanks general design and installation recommendations [SAE ARP 1664] p 519 A83-38102
- New aircraft. II p 519 A83-38329
- Advanced airfoil design for general aviation propellers [AIAA PAPER 83-1791] p 496 A83-38631
- Design and true Reynolds number 2-D testing of an advanced technology airfoil [AIAA PAPER 83-1792] p 496 A83-38632
- An extension of a transonic wing/body code to include underwing pylon/nacelle effects [AIAA PAPER 83-1805] p 497 A83-38639
- Aerodynamic development for efficient military cargo transports [AIAA PAPER 83-1822] p 520 A83-38654
- Parametric study of factors affecting the fuel efficiency of advanced turboprop airplanes [AIAA PAPER 83-1823] p 520 A83-38655
- Design study for remotely piloted, high-altitude airplanes powered by microwave energy [AIAA PAPER 83-1825] p 520 A83-38657

## SUBJECT INDEX

## AIRCRAFT DESIGN

- PAN AIR modeling studies — higher order panel method for aircraft design  
[AIAA PAPER 83-1830] p 498 A83-38660
- High aspect ratio forward sweep for transport aircraft  
[AIAA PAPER 83-1832] p 498 A83-38661
- Application of forward sweep wings to an air combat fighter  
[AIAA PAPER 83-1833] p 520 A83-38662
- X 29 forward swept wing aerodynamic overview  
[AIAA PAPER 83-1834] p 520 A83-38663
- A multiple separation model for multielement airfoils  
[AIAA PAPER 83-1844] p 499 A83-38672
- Powered lift aerodynamics of USB STOL aircraft — Upper Surface Blowing  
[AIAA PAPER 83-1848] p 499 A83-38676
- An assessment of PANDORA using a Canard/Wing/Body configuration — Preliminary Automated Numerical Design of Realistic Aircraft  
[AIAA PAPER 83-1850] p 500 A83-38678
- Some lessons from NACA/NASA aerodynamic studies following World War II  
[AIAA PAPER 83-1856] p 489 A83-38683
- Status review of a supersonically-biased fighter wing-design study  
[AIAA PAPER 83-1857] p 521 A83-38684
- SC3 - A wing concept for supersonic maneuvering  
[AIAA PAPER 83-1858] p 500 A83-38685
- Aerodynamic design for improved maneuverability by the use of three-dimensional transonic theory  
[AIAA PAPER 83-1859] p 521 A83-38686
- The combination of a geometry generator with transonic design and analysis algorithms  
[AIAA PAPER 83-1862] p 500 A83-38689
- Smart aerodynamic optimization  
[AIAA PAPER 83-1863] p 501 A83-38690
- Improved method for transonic airfoil design-by-optimization  
[AIAA PAPER 83-1864] p 501 A83-38691
- Computational aerodynamic design methodology  
[AIAA PAPER 83-1865] p 501 A83-38692
- Supercritical inlet design  
[AIAA PAPER 83-1866] p 501 A83-38693
- Effect of buoyancy and power design parameters on hybrid airship performance  
[AIAA PAPER 83-1976] p 521 A83-38907
- Dynamic analysis of the Magnus Aerospace Corporation LTA 20-1 heavy-lift aircraft  
[AIAA PAPER 83-1977] p 522 A83-38908
- Development of the Magnus Aerospace Corporation's rotating-sphere airship  
[AIAA PAPER 83-2003] p 523 A83-38922
- On the conceptual design of supersonic cruising aircraft with subsonic wing leading edges  
p 523 A83-38950
- Transonic Euler simulations by means of finite element explicit schemes  
[AIAA PAPER 83-1924] p 503 A83-39378
- Inviscid drag calculations for transonic flows  
[AIAA PAPER 83-1928] p 503 A83-39380
- Fracture mechanics in design - Particular reference to the thickness effect on the risk of unstable fracture  
p 558 A83-39547
- Airborne reconnaissance in the civilian sector - Agricultural monitoring from high-altitude powered platforms  
p 566 A83-39939
- Design, manufacture and test of graphite composite wing box test structure  
p 525 A83-40291
- Computer-aided engineering - The AI connection  
p 569 A83-40307
- Advanced composites for advanced aircraft  
p 552 A83-40342
- F-16XL - GD hatches a new Falcon  
p 526 A83-40621
- JVX - The world's first production tilt-rotor?  
p 526 A83-40622
- Finite-element analysis of the T-38 canopy  
p 594 A83-41044
- Frogfoot - A new Shturmovik on trial  
p 595 A83-41320
- A new approach to exact model-matching with applications to aircraft systems  
p 550 A83-41477
- Control law design for ejection seats  
[AIAA PAPER 83-2204] p 595 A83-41688
- Impact of aircraft structural dynamics on integrated control design  
[AIAA PAPER 83-2216] p 596 A83-41698
- An integrated maneuver enhancement and gust alleviation mode for the AFTI/F-111 MAW aircraft  
[AIAA PAPER 83-2217] p 620 A83-41699
- Aeroelastic interactions with flight control (A survey paper)  
[AIAA PAPER 83-2219] p 621 A83-41700
- The impact of computational aerodynamics on aircraft design  
[AIAA PAPER 83-2060] p 596 A83-41901
- Computational aerodynamics applications to transport aircraft design  
[AIAA PAPER 83-2061] p 578 A83-41902
- Computational aerodynamic design of fighter aircraft Progress and pitfalls  
[AIAA PAPER 83-2063] p 596 A83-41903
- Experimental and analytical investigation of the subsonic aerodynamics of slender wings with leading-edge vortex flaps  
[AIAA PAPER 83-2113] p 579 A83-41940
- Flight path/nose pointing - A required criterion in future fighter aircraft design  
[AIAA PAPER 83-2123] p 597 A83-41948
- Innovative concepts for tactical STOL  
[AIAA PAPER 83-2129] p 597 A83-41952
- Parametric study of critical constraints for a canard configured medium range transport using conceptual design optimization  
[AIAA PAPER 83-2141] p 598 A83-41963
- State space model concept for evaluating survivability methodologies for aircraft design  
p 598 A83-42567
- Vector optimization applied to survivability methodology evaluation — for aircraft design  
p 651 A83-42568
- Progress in supersonic cruise technology  
p 576 A83-43025
- World aeronautical research - III  
p 576 A83-43033
- Unconventional commuter configurations - A design investigation  
[SAE PAPER 830710] p 599 A83-43320
- Design consideration for lighting modern commercial aircraft  
[SAE PAPER 830712] p 599 A83-43322
- Aircraft night lighting systems  
[SAE PAPER 830713] p 609 A83-43323
- Flight investigation of natural laminar flow on the Bellanca Skyrocket II  
[SAE PAPER 830717] p 599 A83-43326
- Development of low cost RPVs under Indian conditions  
p 600 A83-43701
- A rocket-boosted sea launched target system  
p 600 A83-43702
- A low signature RPV  
p 600 A83-43703
- AN/USD-502 (CL 289) reconnaissance drone system  
p 601 A83-43704
- ASAT - The U.K.'s new turbo jet RPV  
p 601 A83-43707
- The aerodynamics of small RPVs  
p 601 A83-43710
- Extended uses of the Aquila RPV system  
p 601 A83-43716
- Algorithmic mass-factoring of finite element model analyses  
[SAWE PAPER 1451] p 643 A83-43733
- Theory of transport aircraft weight fractions  
[SAWE PAPER 1452] p 602 A83-43734
- Grumman's forward swept wing feasibility studies and X 29A technology demonstrator  
[SAWE PAPER 1454] p 602 A83-43736
- Optimizing tail size and wing location within loadability constraints  
[SAWE PAPER 1466] p 602 A83-43740
- An introduction to the Boeing 787-200 and the 767 Weight Control Program  
[SAWE PAPER 1467] p 602 A83-43741
- Weight reduction for fuel economy  
[SAWE PAPER 1469] p 602 A83-43743
- Life cycle cost applications to conceptual designs  
[SAWE PAPER 1479] p 654 A83-43748
- Design-to-cost in the application of advanced composite technology  
[SAWE PAPER 1480] p 654 A83-43749
- Weight control program for a graphite/epoxy aircraft  
[SAWE PAPER 1485] p 635 A83-43752
- Advanced technology wing structure  
[SAWE PAPER 1487] p 644 A83-43754
- LEONARDO - A computer aided engineering system  
[SAWE PAPER 1488] p 651 A83-43755
- Application of finite element analysis techniques to the derivation of advanced composite structure weight  
[SAWE PAPER 1490] p 644 A83-43757
- V/STOL, STOL, CTOL companions  
[SAWE PAPER 1499] p 603 A83-43759
- Analysis of aircraft dynamic behavior in a crash environment  
p 674 A83-43966
- Optimum configuration for a 10-passenger business turboprop jet airplane  
p 675 A83-43967
- Bonded aluminum honeycomb - Aircraft flight surface primary structure application  
p 675 A83-43972
- Design, fabrication and test of a composite elevator  
p 695 A83-44046
- Wing tip devices for energy conservation and other purposes  
Experimental and analytical work in progress at the Lockheed-Georgia Company  
p 659 A83-44358
- Design of transonic shock free airfoil  
p 660 A83-44572
- Counter rotation propellers - A feasibility study  
p 683 A83-44874
- Design impact of composites on fighter aircraft I - They force a fresh look at the design process  
p 676 A83-46347
- Designed to be stalled — T-46A training aircraft  
p 676 A83-46349
- The way to the supercritical wing  
p 661 A83-46483
- Numerical aerodynamics - Replacement of analytical solutions and/or the experiment by the supercomputer?  
p 661 A83-46485
- Problems in determining aircraft polar curves from test-flight data  
p 676 A83-46489
- Determination of the suction-force distribution and its effect on the aerodynamic design of a wing for supersonic flow  
p 661 A83-46495
- F-16XL shows advances in range, ride  
p 676 A83-46924
- The increase in the cost effectiveness of the construction of and preparation of manufacturing processes for flight equipment through integrated and graphic data processing-CAD/CAM  
p 759 A83-47191
- Development and testing of a high-technology amphibious flying vehicle  
p 724 A83-47192
- Development of aerodynamical technology for large civil aviation aircraft  
p 709 A83-47204
- Design, construction, and operation of the calibration model for the DNW wind tunnel  
p 752 A83-47209
- Commercial aircraft with reduced longitudinal stability and active tail planes, and the unsteady aerodynamics of rapidly adjusted control surfaces  
p 750 A83-47213
- Propulsion system screening for survivability and effectiveness  
[ASME PAPER 83-GT 200] p 743 A83-48003
- Propulsion system integration as applied to business jet aircraft  
[ASME PAPER 83-GT-227] p 725 A83-48024
- STOL fighter technology program  
[ASME PAPER 83-GT-243] p 726 A83-48033
- Aircraft design (3rd revised and enlarged edition) — Russian book  
p 726 A83-48100
- Model test and full-scale checkout of dry cooled jet runup sound suppressors  
p 753 A83-48217
- Advanced lightweight, fire retardant floor paneling for aircraft  
p 726 A83-48330
- Light aircraft wing structure optimization  
[AIAA PAPER 83-2446] p 727 A83-48332
- Aircraft synthesis using numerical optimization methodology  
[AIAA PAPER 83-2458] p 768 A83-48336
- Conceptual kinematic design using homogeneous coordinate transformations  
[AIAA PAPER 83-2460] p 768 A83-48337
- Future aircraft development for commuter and third-level operations  
[AIAA PAPER 83-2464] p 727 A83-48338
- The prospects and potential of all electric aircraft  
[AIAA PAPER 83-2478] p 745 A83-48341
- Effect of aircraft configuration and control integration on surface actuation  
[AIAA PAPER 83-2487] p 727 A83-48347
- STOL attack aircraft design based on an upper surface blowing concept  
[AIAA PAPER 83-2535] p 729 A83-48369
- Subsonic airplane configurations for maximum range for endurance  
[AIAA PAPER 83-2536] p 729 A83-48370
- Wing extensions for improving climb performance  
[AIAA PAPER 83-2556] p 729 A83-48375
- Efficient computational grid generation for three-dimensional aircraft configurations  
[AIAA PAPER 83-2557] p 729 A83-48376
- Von Mises wing optimization  
[AIAA PAPER 83-2558] p 729 A83-48377
- Structural optimization with aeroelastic constraints A survey of US applications  
p 764 A83-49188
- Aeroelastic considerations for automatic structural design procedures  
p 730 A83-49189
- A very large cargo aircraft design project  
p 730 A83-49436
- Conceptual design of transport aircraft  
p 731 A83-49475
- Air Force Aeronautical Systems the 1990's A major shift  
[AIAA PAPER 83-2433] p 711 A83-49576
- Design integration of laminar flow control for transport aircraft  
[AIAA PAPER 83-2440] p 731 A83-49577
- Civil transport aircraft design methodology  
[AIAA PAPER 83-2463] p 731 A83-49579
- High speed propeller for the Lear Fan 2100  
[AIAA PAPER 83-2465] p 745 A83-49580
- The development of a generalized advanced propeller analysis system  
[AIAA PAPER 83-2466] p 746 A83-49581

- An overview of V/STOL aircraft development  
[AIAA PAPER 83-2491] p 731 A83-49584  
A McDonnell Douglas perspective - Commercial aircraft for the next generation  
[AIAA PAPER 83-2502] p 731 A83-49587  
Army family of light rotorcraft (LHX) concept formulation  
[AIAA PAPER 83-2552] p 732 A83-49592  
Application of slender wing benefits to military aircraft  
[AIAA PAPER 83-2566] p 717 A83-49596  
The design integration of wingtip devices for light general aviation aircraft  
[NASA-TM-83252] p 30 N83-10034  
Journal of Aeronautics  
[AD-A118185] p 6 N83-11035  
An interferometric investigation of the near design point flow over supercritical airfoil BGK-1  
[ARL/AERO-NOTE-405] p 10 N83-11057  
The NASA supercritical-wing technology  
[NASA-TM-78731] p 11 N83-11071  
Comparison of experimental and theoretical drag characteristics for a 10-percent-thick supercritical airfoil using a new version of an analysis code  
[NASA-TM-X-74041] p 13 N83-11080  
Transonic aerodynamic characteristics of the 10-percent-thick NASA supercritical airfoil 31  
[NASA-TM-X-3203] p 13 N83-11083  
OPDOT A computer program for the optimum preliminary design of a transport airplane  
[NASA-TM-81857] p 32 N83-11114  
Durability of commercial aircraft and helicopter composite structures  
p 61 N83-11243  
Aeronautics research and technology A review of proposed reductions in the FY 1983 NASA program  
[NASA-CR-169386] p 224 N83-13024  
Rotary balance data for a typical single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg 2 Influence of horizontal tail location for Model D  
[NASA-CR-3247] p 180 N83-13070  
Trim-dimensional computation of the flow in helicopter air intakes  
[PB82-204512] p 194 N83-13093  
A projected large low-speed wind tunnel to meet Australian requirements Aerodynamics note  
[AD-A118913] p 209 N83-13125  
The strengths and weaknesses of Computational Fluid Mechanics (CFM) in aerodynamic design and analysis Part 1 Background and philosophy  
p 219 N83-13413  
Advanced castings in the design of military aircraft  
p 178 N83-15429  
Naval Airship Program for Sizing and Performance (NAPSAP), computer program development Program update number 2  
[AD-A120830] p 191 N83-16293  
Flying and design of aircraft  
[RAE-TRANS-2070] p 205 N83-16326  
The half-model technique in the wind tunnel and its employment in the development of the Airbus family  
[NASA-TM-76970] p 205 N83-16328  
Design considerations for the construction of a Shenit wing in composite materials  
[BU-280] p 206 N83-16337  
Turbine engine fuel conservation by fan and compressor profile control  
p 213 N83-17467  
Modern fighter aircraft design for high-angle-of-attack maneuvering  
p 245 N83-18687  
Influence of configuration components of statically unstable combat aircraft on the aerodynamic design for high angle-of-attack  
p 245 N83-18694  
Application of variable-sweep wings to commuter aircraft  
[NASA-CR-166067] p 265 N83-18713  
Handbook of Military Aircraft Design Normal Load Factor Exceedance Data  
[AD-A120870] p 267 N83-19743  
Design criteria for the future of flight controls  
[AD-A121423] p 289 N83-19759  
Small transport aircraft technology  
[NASA-SP-460] p 331 N83-20931  
Systematic computer aided control design  
p 342 N83-22097  
An aerodynamic assessment of various supersonic fighter airplanes based on Soviet design concepts  
[NASA-TM-84647] p 315 N83-22157  
Aeroelastic loads prediction for an arrow wing Task 1 Evaluation of R P White's method  
[NASA-CR-3640] p 316 N83-22163  
Aeroelastic loads prediction for an arrow wing Task 2 Evaluation of semi-empirical methods  
[NASA-CR-3641] p 316 N83-22164  
Flight dynamics analysis and simulation of heavy lift airships Volume 1 Executive summary  
[NASA-CR-166471-VOL-1] p 344 N83-22207  
Flight dynamics analysis and simulation of heavy lift airships, volume 4 User's guide Appendices  
[NASA-CR-166471-VOL-4] p 344 N83-22210  
Flight dynamics analysis and simulation of heavy lift airships Volume 5 Programmer's manual  
[NASA-CR-166471-VOL-5] p 344 N83-22211  
Aviation energy and the future of the recreational use of sport and general aviation aircraft  
p 352 N83-22444  
Airframe and engine integration and potential improvements  
p 353 N83-22451  
Use of interactive graphics to analyze QUICK-geometry  
[NASA-TM-83234] p 364 N83-23048  
Use of interactive graphics to analyze QUICK-geometry Supplement  
[NASA-TM-83234-SUPPL] p 365 N83-23049  
Improved design of subcritical and supercritical cascades using complex characteristics and boundary layer correction  
[NASA-CR-168166] p 377 N83-24474  
Real time digital integration and integral step size for flight control and flight simulation  
[NAL-TR-743] p 397 N83-24514  
Some historical trends in the research and development of aircraft  
[NASA-TM-84665] p 417 N83-26785  
Statistical experimental designs in computer aided optimal aircraft design  
p 442 N83-26812  
Status, trends and implications of carbon fiber material use  
[PB83-147751] p 471 N83-26934  
Historical development of worldwide supersonic aircraft  
[NASA-TM-85637] p 573 N83-29170  
Experimental investigations of transport aircraft low speed engine interference effects and flight test correlation  
p 603 N83-30364  
Comparison of prediction, wind tunnel and flight test data for the Canadair Challenger turbofan aircraft  
p 604 N83-30365  
Lessons from Tornado afterbody development  
p 604 N83-30366  
Calculation of lateral-directional stability derivatives of wings by a nonplanar quasi-vortex-lattice method  
[NASA-CR-165659] p 581 N83-30387  
Advanced composite aileron for L-1011 transport aircraft Design and analysis  
[NASA-CR-165635] p 606 N83-30406  
Lift and drag of two staggered lifting surfaces at low speeds  
[ESDU-81023] p 663 N83-32759  
Simplified forms of performance equations  
[ESDU-80032] p 677 N83-32788  
Representation of drag in aircraft performance calculations  
[ESDU-81026] p 677 N83-32790  
Estimation of rolling moment derivative due to sideslip for complete aircraft at subsonic speeds  
[ESDU-81032-AMEND-A] p 678 N83-32791  
Two and three dimensional systems for computer aided geometric design of aircraft surface and components  
[PB83-187344] p 698 N83-33001  
Techniques in optimum structural synthesis with static and dynamic constraints  
p 699 N83-33189  
Influence of computational fluid dynamics on experimental aerospace facilities A fifteen year projection  
[NASA-CR-172859] p 691 N83-33911  
An assessment of the importance of small crack growth to aircraft design  
p 680 N83-34098  
Probabilistic fracture mechanics analysis methods for structural durability  
p 701 N83-34104  
Low-level gust gradient program and aviation workshop effort  
p 767 N83-36592  
**AIRCRAFT DETECTION**  
Use of aircraft-derived data to assist in ATC tracking systems II - Some practical tracking filters  
p 24 A83-11557  
A procedure for the utilization of the signals of a DME transponder to determine the position of an aircraft from the ground  
p 26 A83-13016  
Noise and detectability characteristics of small-scale remotely piloted vehicle propellers  
p 199 A83-13162  
Traffic alert and Collision Avoidance System (TCAS 1) design guidelines  
[ATC-114] p 187 N83-12066  
TCAS 1 design guidelines  
[ATC-114] p 187 N83-12067  
**AIRCRAFT ENGINES**  
Accelerated life tests of aircraft thermocouples  
p 34 A83-10442  
Fuel property effects on Air Force gas turbine engines - Program genesis  
p 59 A83-10653  
Effect of oxygen addition on ignition of aero-gas turbine at simulated altitude facility  
p 39 A83-10660  
The theory of aircraft engines --- Russian book  
p 39 A83-10675  
Thunder power for executive and ag-aircraft  
p 39 A83-10866  
Engines for future combat aircraft  
p 39 A83-10867  
Digital engine control for V/STOL and V/TOL aircraft  
p 40 A83-10871  
Adaptive power management - A hierarchical/control system with a central multiplex system --- for aircraft applications  
p 40 A83-11202  
On the design and test of an advanced containment structure for PM machines --- in aircraft electrical power systems  
p 40 A83-11206  
A 400 Hz starter/generator system --- for aircraft engines  
p 40 A83-11207  
Rotanes for GA - NASA gets serious  
p 41 A83-11627  
Repair of the auxiliary power plants of aircraft --- Russian book  
p 41 A83-11949  
Rolls-Royce engine status report  
p 41 A83-12933  
Assessment of inflow control structure effectiveness and design system development  
p 189 A83-13161  
The icing of aircraft gas turbine engines  
p 182 A83-14619  
Powerplants I --- turbofan engine design for aircraft  
p 199 A83-14951  
Generation of desired signals from acoustic drivers --- for aircraft engine internal noise propagation experiment  
p 199 A83-15068  
Sounding propagation in multistage axial flow turbomachines  
p 222 A83-15289  
Rolls-Royce RB 211-535 power plant  
p 199 A83-15311  
A method of predicting the performance deterioration of a compressor cascade due to sand erosion  
[AIAA PAPER 83-0178] p 160 A83-16572  
Effectiveness of turbine engine diagnostic systems  
[AIAA PAPER 83-0535] p 161 A83-16773  
The module concept in a mathematical model of a turboprop engine  
p 161 A83-16878  
New thrusts in engine design  
p 162 A83-17236  
Powerplants II --- review of current aircraft turbofan engines  
p 162 A83-18147  
Application of optimization to aircraft engine disk synthesis  
p 162 A83-18213  
How decisions are made - Major considerations for aircraft programs  
p 152 A83-18398  
Digital electronic engine control system - F-15 flight test  
p 162 A83-18406  
NAPC gyroscopic moment test facility  
p 173 A83-18407  
The Pratt & Whitney PW100 - Evolution of the design concept  
p 162 A83-18821  
Military propulsion technology I - Fighter power The need for tomorrow  
p 162 A83-18948  
Military propulsion technology III - Materials are the key --- for fighter aircraft engines  
p 177 A83-18950  
Fabrication technology for aircraft engines --- Russian book  
p 185 A83-20381  
Automated machining of turbine blades by Rolls-Royce  
p 229 A83-21348  
Cleaning gas turbine compressors - Some service experience with a wet-wash system  
p 210 A83-21350  
The corrosion resistance of protective coatings  
p 223 A83-21454  
Fatigue failure under fretting conditions  
p 224 A83-21481  
Internal performance prediction for advanced exhaust systems --- for tactical aircraft  
p 211 A83-22156  
Compact installation for testing vectored-thrust engines  
p 218 A83-22158  
High bypass ratio engine noise component separation by coherence technique  
p 211 A83-22159  
Advances in high-speed rolling-element bearings --- for aircraft engine and transmission application  
p 231 A83-22319  
Fiber optics for aircraft engine/inlet control  
p 211 A83-22494  
Theory and design of flight-vehicle engines --- Russian book  
p 211 A83-22651  
Current problems in the testing of aircraft engines  
p 211 A83-22652  
Errors in the experimental determination of the parameters of supersonic combustion ramjet engines  
p 211 A83-22653  
The effect of the nonuniformity of supersonic flow with shocks on friction and heat transfer in the channel of a hypersonic ramjet engine  
p 211 A83-22654  
Features of the selection of the basic parameters of cooled GTE turbines  
p 211 A83-22655  
On the choice of the optimal total wedge angle for the air intake of a hypersonic ramjet engine  
p 212 A83-22656  
Numerical calculation of the separation and connection of two-dimensional supersonic flows in channels with discontinuous boundaries  
p 212 A83-22658

- Gas turbine combustor modelling for calculating pollutant emission p 212 A83-23142  
 Design of an integrated control system for a supersonic aircraft power plant p 212 A83-23175  
 PW 4000 - A radically new jet engine being developed in the USA p 212 A83-23239  
 Evaluation of the technical state of aircraft gas-turbine engines from thermodynamic parameters with allowance for the natural scatter of state parameters p 272 A83-23430  
 Statistical estimation of the mean time-to-failure of an aircraft engine as a function of the cause of failure p 272 A83-23433  
 A method for calculating the parameters of a turbojet engine in the autorotation regime p 272 A83-23434  
 A system of criteria for evaluating the energy efficiency of an engine at the state of technical proposals p 273 A83-23437  
 Determination of the region of efficient use for microturbines with working medium recirculation p 273 A83-23440  
 A finite-element study of the stress-strain state of the turbofan rotor of an aircraft gas-turbine engine p 274 A83-23515  
 Microlights - The state of the art p 241 A83-23685  
 Turbofan engine blade pressure and acoustic radiation at simulated forward speed p 274 A83-24026  
 Effect of variable guide vanes on the performance of a high-bypass turbofan engine p 274 A83-24028  
 Tactical aircraft engine usage - A statistical study p 274 A83-24033  
 Performance improvements of single-engine business airplanes by the integration of advanced technologies [DGLR PAPER 82-064] p 262 A83-24178  
 Jet engines for airliners of the next generation [DGLR PAPER 82-069] p 274 A83-24183  
 The maintenance of modern engines in civil aviation [DGLR PAPER 82-070] p 275 A83-24184  
 Some aspects of the engine design of future fighter planes [DGLR PAPER 82-071] p 275 A83-24185  
 Development trends regarding jet engines for future combat aircraft [DGLR PAPER 82-072] p 275 A83-24186  
 On the design philosophy of fighter aircraft engines [DGLR PAPER 82-073] p 275 A83-24187  
 Digital engine control unit - Future employment possibilities [DGLR PAPER 82-085] p 275 A83-24197  
 Prospects for the use of heat exchangers in aircraft gas turbines [DGLR PAPER 82-088] p 276 A83-24200  
 U S Army/Detroit Diesel Allison Advanced Technology Demonstrator Engine p 277 A83-24836  
 NASA clean catalytic combustor program [ASME PAPER 82-JPGC-GT-11] p 295 A83-25269  
 In-flight acoustic measurements in the engine intake of a Fokker F28 aircraft [AIAA PAPER 83-0677] p 279 A83-25909  
 Noise transmission through sidewall treatments applicable to twin-engine turboprop aircraft [AIAA PAPER 83-0695] p 306 A83-25916  
 Specification, design, and test of aircraft engine isolators for reduced interior noise [AIAA PAPER 83-0718] p 279 A83-25932  
 PW4000 uses JT9D, new technology p 281 A83-26072  
 Three-dimensional elastoplastic finite element analysis p 300 A83-26767  
 Optimization of the oil-change period for aircraft systems and units p 296 A83-26922  
 A steady state performance model for general aviation spark-ignition piston engines p 336 A83-27163  
 A samarium cobalt motor-controller for mini-RPV propulsion p 336 A83-27187  
 Transient performance of permanent magnet synchronous motors p 353 A83-27189  
 Discharge rate capability of nickel-cadmium aircraft batteries p 336 A83-27190  
 The influence of inlet design on the aeroacoustic performance of a JT15D turbofan engine as measured in the NASA-Ames 40 x 80 foot wind tunnel [AIAA PAPER 83-0681] p 337 A83-28006  
 Preliminary report on the engineering development of the Magnus Aerospace Corp LTA 20-1 heavy-lift aircraft p 327 A83-28193  
 The interaction between a separated blade and the armor ring p 337 A83-28510  
 Analysis of engine usage data for tactical systems [AIAA PAPER 81-1370] p 337 A83-29011  
 On the routes - Boeing 757 with British Airways p 327 A83-29241  
 Evaluation of the productivity of an automated system for the testing of aircraft engines p 338 A83-29277  
 Calculation of the depth and hardness of the carburization layer of cylindrical parts --- for aircraft engines p 350 A83-29282  
 An overview of turbine engine structural design - Development trends in the Air Force [AIAA 83-0952] p 338 A83-29777  
 Maintenance of large engines CF8s for the Airbus A310 p 391 A83-30073  
 PMUX - The interface for engine data to AIDS --- propulsion multiplexer Aircraft Integrated Data System p 391 A83-30158  
 Institute of environmental sciences aircraft engine combustor casing life simulation for increased reliability p 391 A83-31493  
 Design features of a new commuter turboprop engine [SAE PAPER 820717] p 392 A83-31802  
 Advanced technology for SAAB-Fairchild 340 aircraft [SAE PAPER 820729] p 384 A83-31805  
 The integration of internal combustion engines of the General Aviation - Problems raised by ventilation and exhaust [AAAF PAPER NT 82-16] p 393 A83-33167  
 The influence of defects on the operational strength of disks and wheels in engines p 472 A83-33964  
 Thermal cycling in compact plate-fin heat exchangers --- in aircraft gas turbines p 445 A83-34253  
 AR 318 Italy's low-cost GA turboprop p 445 A83-35675  
 International Symposium on Air Breathing Engines, 6th, Paris, France, June 6-10, 1983, Symposium Papers p 445 A83-35801  
 The effects of fuel properties upon pollutants present in gas turbine aero-engines p 469 A83-35813  
 The prediction of performance of turbojet engine with distorted inlet flow and its experimental studies p 448 A83-35832  
 Cost effective performance restoration of high by-pass engines p 447 A83-35833  
 Numerical computation of turbulent flow around the spinner of a turbofan engine p 418 A83-35838  
 Some aspects of development of power plant optimum control to increase aircraft fuel efficiency p 447 A83-35841  
 The transient performance of turbojet engines and axial compressors p 447 A83-35847  
 Development of a turbojet engine simulator for scale model wind tunnel testing of multi-mission aircraft p 447 A83-35848  
 Propulsion system simulation technique for scaled wind tunnel model testing p 463 A83-35850  
 Experimental study of a high-through-flow transonic axial compressor stage p 419 A83-35853  
 Effect of sand erosion on the performance deterioration of a single stage axial flow compressor p 448 A83-35854  
 Effect of humidity on jet engine axial-flow compressor performance p 448 A83-35856  
 Statistical study of TBO and estimation of acceleration factors of ASMT for aircraft turbo-engine --- Accelerated Simulated Mission Endurance Testing p 448 A83-35858  
 Ground simulation of engine operation at altitude p 463 A83-35863  
 The effect of variation of diffuser design on the performance of centrifugal compressors p 448 A83-35866  
 Component life reduction due to use of AVGAS in gas turbine engines p 449 A83-35869  
 Life estimation methods of gas turbine rotating components p 449 A83-35870  
 Containment of turbine engine fan blades p 449 A83-35871  
 Investigation methods on residual stresses in aero engines components p 449 A83-35879  
 Stress analysis of critical areas of low-pressure compressor-disc assembly of a developmental aero-engine p 449 A83-35880  
 Simulator fidelity and flight test data - Improving the flight performance of the B-52H WST production unit flight station simulator [AIAA PAPER 83-1075] p 438 A83-36204  
 Progress in propulsion system/airframe structural integration [AIAA PAPER 83-1123] p 437 A83-36234  
 Simulation of advanced engine lubrication and rotor dynamics systems - Rig design and fabrication [AIAA PAPER 83-1133] p 450 A83-36238  
 The performance of single-shaft gas turbine load compressor auxiliary power units [AIAA PAPER 83-1159] p 451 A83-36251  
 A survey of trends in modern turbine technology [AIAA PAPER 83-1174] p 451 A83-36260  
 Advanced turboprop and dual cycle engine performance benefits and installation options on a Mach 0.7 short-haul transport aircraft [AIAA PAPER 83-1212] p 452 A83-36284  
 A Monte Carlo simulation of the engine development process [AIAA PAPER 83-1230] p 452 A83-36294  
 Nondestructive evaluation methods for implementation of damage-tolerant designed gas turbine engine components [AIAA PAPER 83-1232] p 452 A83-36295  
 Aircraft engine inlet pressure distortion testing in a ground test facility [AIAA PAPER 83-1233] p 453 A83-36296  
 Deterioration trending enhances jet engine hardware durability assessment and part management [AIAA PAPER 83-1234] p 453 A83-36297  
 Accelerated Mission Testing of the F110 Engine [AIAA PAPER 83-1235] p 453 A83-36298  
 Integrated propulsion-aircraft control evaluation for a current Navy fighter [AIAA PAPER 83-1236] p 453 A83-36299  
 F/A-18A Inflight Engine Condition Monitoring System (IECMS) [AIAA PAPER 83-1237] p 453 A83-36300  
 Flight/propulsion control system integration [AIAA PAPER 83-1238] p 453 A83-36301  
 United Kingdom military engine usage, condition and maintenance systems experience [AIAA PAPER 83-1239] p 453 A83-36302  
 Modern technology and airborne engine vibration monitoring systems [AIAA PAPER 83-1240] p 444 A83-36303  
 Comparison of an experience with full authority digital engine controls in rotary wing and jet-lift VSTOL aircraft [AIAA PAPER 83-1241] p 454 A83-36304  
 Results of tests of a rectangular vectoring/reversing nozzle on an F100 engine [AIAA PAPER 83-1285] p 454 A83-36322  
 Advanced techniques for gas and metal temperature measurements in gas turbine engines [AIAA PAPER 83-1291] p 444 A83-36325  
 Application of thin film strain gages and thermocouples for measurement on aircraft engine parts [AIAA PAPER 83-1292] p 444 A83-36326  
 Development trends in engine durability --- for USAF aircraft gas turbines [AIAA PAPER 83-1297] p 455 A83-36329  
 Development and application of a liquid-cooled V-8 piston engine for general aviation aircraft [AIAA PAPER 83-1342] p 455 A83-36347  
 Performance capability of a Compact Multimission Aircraft Propulsion Simulator [AIAA PAPER 83-1358] p 464 A83-36356  
 KC-135/CFM56 re-engine - The best solution [AIAA PAPER 83-1374] p 456 A83-36367  
 Introducing the Rolls-Royce Tay [AIAA PAPER 83-1377] p 456 A83-36368  
 The impact of engine usage on life cycle cost [AIAA PAPER 83-1406] p 456 A83-36395  
 LCC evaluation of advanced engine damage tolerance goals for a hot-section disk --- in aircraft engines [AIAA PAPER 83-1407] p 456 A83-36396  
 Configuration selection and technology transition in 5000 SHP class engines [AIAA PAPER 83-1411] p 457 A83-36400  
 Fighter engine cycle selection [AIAA PAPER 83-1300] p 457 A83-36412  
 Friction drag measurements of acoustic surfaces [AIAA PAPER 83-1356] p 422 A83-36414  
 Propulsion prototypes at General Electric [AIAA PAPER 83-1053] p 457 A83-36463  
 Technology and engine demonstrator programs [AIAA PAPER 83-1064] p 457 A83-36464  
 The F-5 story - Prototype and technology demonstrator [AIAA PAPER 83-1062] p 439 A83-36473  
 Advanced propulsion controls - A total system view p 457 A83-36612  
 Electrohydraulic fuel-flow regulator for gas-turbine-engine control systems p 458 A83-36793  
 V/STOL status from the engine technology viewpoint p 458 A83-36912  
 Generalized maximum specific range performance p 439 A83-36918  
 An update on high output lightweight diesel engines for aircraft applications [AIAA PAPER 83-1339] p 458 A83-36925  
 Reliability analysis of a dual-redundant engine controller p 556 A83-37289  
 Supersonic flow field analysis for a twin-engine aircraft model p 493 A83-37521  
 Some aspects of Prop-Fan propulsion systems analysis [SAE PAPER 821358] p 532 A83-37956  
 Inlet design for high-speed propfans [SAE PAPER 821359] p 495 A83-37957  
 Supersonic STOL research aircraft [SAE PAPER 821375] p 517 A83-37965

Development of thrust augmentation technology for the Pegasus vectored thrust engine p 532 A83-37966  
 [SAE PAPER 821390]  
 Full Authority Fault Tolerant Electronic Engine Control systems for advanced high performance engines (FAFTEEC) p 532 A83-37972  
 [SAE PAPER 821398]  
 Developments in performance monitoring and diagnostics in aircraft turbine engines p 533 A83-37973  
 [SAE PAPER 821400]  
 Microcomputer brings digital power to the small aircraft gas turbine p 533 A83-37975  
 [SAE PAPER 821402]  
 Implementation and integration of process planning p 557 A83-37981  
 [SAE PAPER 821424]  
 Design aspects of systems in all-electric aircraft p 518 A83-37984  
 [SAE PAPER 821436]  
 The recipe for re-engining jet transports p 518 A83-37989  
 [SAE PAPER 821441]  
 Re-engining the 737 p 518 A83-37990  
 [SAE PAPER 821442]  
 727, B-52 retrofit with PW2037 meeting today's requirements p 518 A83-37991  
 [SAE PAPER 821443]  
 Re-engining applications of T56 derivative engines p 518 A83-37992  
 [SAE PAPER 821444]  
 Re-engining studies on the P-3 aircraft p 519 A83-37993  
 [SAE PAPER 821445]  
 The application of a liquid-cooled V-8 piston engine to general aviation aircraft p 533 A83-37994  
 [SAE PAPER 821446]  
 Super integrated power unit (SIPU) for the F-16 engine start system p 534 A83-37996  
 [SAE PAPER 821462]  
 Propulsion system integration configurations for future prop-fan powered aircraft p 535 A83-38081  
 [AIAA PAPER 83-1157]  
 Procedure for the calculation of basic emission parameters for aircraft turbine engines p 535 A83-38104  
 [SAE AIR 1533]  
 V/STOL from the propulsion viewpoint (7th Sir Sydney Camm Memorial Lecture) p 535 A83-38869  
 Regional airline turboprop engine technology p 535 A83-39101  
 [AIAA PAPER 83-1158]  
 B-1B manufacturing - General Electric F101 production news p 490 A83-40332  
 Survey of inlet development for supersonic aircraft p 503 A83-40473  
 [AIAA PAPER 83-1164]  
 JVX - The world's first production tilt-rotor? p 526 A83-40622  
 Blade loss transient dynamic analysis of turbomachinery p 612 A83-40864  
 JT9D performance deterioration results from a simulated aerodynamic load test p 612 A83-41040  
 Use of mixed performance criteria in gas turbine engine controller design p 612 A83-41482  
 Large scale aeroengine compressor test facility p 630 A83-41534  
 Method of thermodynamic function control and of damage analysis regarding aircraft engines with the aid of flight data recording systems --- German thesis p 613 A83-41850  
 A critical approach to estimating the accumulation of the working medium mass and energy in the gas-air circuit of gas-turbine engines when analyzing transient regimes p 613 A83-42126  
 An analysis of the parameters determining the maximum thrust of ramjet engines p 613 A83-42127  
 A study of the characteristics of short hydrodynamic dampers of aircraft engine motors with allowance for turbulization of the working fluid in the damper clearance p 613 A83-42129  
 Characteristics of the occurrence and elimination of a stall in an axial-flow compressor in the presence of a rotating irregularity at the inlet p 613 A83-42132  
 Experimental investigation of a model of the internal exhaust gas mixer configuration of a turbofan engine in the reverse-thrust mode p 614 A83-42146  
 PW100 - Canada's commuter turboprop p 615 A83-42524  
 Operation of an aircraft engine using liquefied methane fuel p 576 A83-43239  
 A range of lightweight engines for RPV's p 616 A83-43719  
 Final evaluation of multi-viscosity oils designed for aircraft reciprocating engines p 691 A83-44685  
 [SAE PAPER 830707]  
 Reengining the key to aircraft renewal p 875 A83-45514  
 [AIAA PAPER 83-1372]  
 Dynamic distortion in a short s-shaped subsonic diffuser with flow separation --- Lewis 8 by 6 foot Supersonic Wind Tunnel p 683 A83-45515  
 [AIAA PAPER 83-1412]  
 Engine power simulation for transonic flow-through nacelles p 660 A83-45594

Electronic control of aircraft turbine engine p 683 A83-45600  
 Demands on the air system of modern aircraft engines p 683 A83-46491  
 Development of new combustion chamber technologies for future alternative combustion fuels p 736 A83-47183  
 Increased energy exploitation in cooled high-temperature turbines p 736 A83-47202  
 Use of flight engine technology in stationary industrial gas turbines and diesel motors p 760 A83-47203  
 The construction and testing of pilot installations for making diffusion connections and for depositing layers on high-alloy engine components p 760 A83-47206  
 A new-technology gas generator for medium-power shaft-turbine engines p 737 A83-47217  
 Combustion experiments with a new burner air distribution concept p 737 A83-47893  
 [ASME PAPER 83-GT-31]  
 The Rolls-Royce annular vaporizer combustor p 738 A83-47908  
 [ASME PAPER 83-GT-49]  
 A small engine high temperature core research programme p 738 A83-47912  
 [ASME PAPER 83-GT-56]  
 The purpose, the principles and the problems of fault tolerant systems --- for aircraft gas turbine engines p 738 A83-47915  
 [ASME PAPER 83-GT-59]  
 Investigation of F/A-18A engine throttle usage and parametric sensitivities p 738 A83-47919  
 [ASME PAPER 83-GT-64]  
 Investigation of fixed-rake sampling system for the assessment of emission characteristics of gas turbine engines p 738 A83-47925  
 [ASME PAPER 83-GT-72]  
 Test experience with turbine-end foil bearing equipped gas turbine engines p 739 A83-47926  
 [ASME PAPER 83-GT-73]  
 Automated diagnostic system for engine maintenance --- vibration data extraction from gas turbine engines p 739 A83-47943  
 [ASME PAPER 83-GT-103]  
 Measurement and analyses of heat flux data in a turbine stage II - Discussion of results and comparison with predictions p 740 A83-47951  
 [ASME PAPER 83-GT-122]  
 Aircraft usage and effects on engine life p 741 A83-47967  
 [ASME PAPER 83-GT-143]  
 Integrated flight and propulsion operating modes for advanced fighter engines p 742 A83-47999  
 [ASME PAPER 83-GT-194]  
 A comparison of Navy and contractor gas turbine acquisition cost p 743 A83-48001  
 [ASME PAPER 83-GT-198]  
 A three-dimensional model for the prediction of shock losses in compressor blade rows p 744 A83-48016  
 [ASME PAPER 83-GT-216]  
 An historical review of propeller developments p 744 A83-48173  
 Saving fuel with the wide-chord fan p 744 A83-48174  
 Strong pressure waves in air-breathing engines p 715 A83-48216  
 Design concepts for low cost composite engine frames p 745 A83-48331  
 [AIAA PAPER 83-2445]  
 Preliminary design engine thermodynamic cycle selection for advanced fighters p 745 A83-48343  
 [AIAA PAPER 83-2480]  
 Subsonic diffuser development of advanced tactical aircraft p 717 A83-49300  
 [AIAA PAPER 83-1168]  
 Integrated flight/propulsion control system architectures for a high speed aircraft p 746 A83-49595  
 [AIAA PAPER 83-2563]  
 The formation of carbon monoxide during turbulent diffusion combustion --- for aircraft gas turbine combustion chambers p 758 A83-49769  
 NASA LeRC/Akron University Graduate Cooperative Fellowship Program and Graduate Student Researchers Program p 74 N83-10970  
 [NASA-CR-167943]  
 The problems of refitting aero-gas turbine engines for multiple uses p 43 N83-11052  
 Analysis, design, fabrication and testing of an optical tip clearance sensor --- turbocompressor blade tips p 44 N83-11127  
 [NASA-CR-165265]  
 Fluid Dynamics Panel Symposium on Aerodynamics of Power Plant Installation p 45 N83-11138  
 [AGARD-AR-173]  
 Propulsion and energetics panel, working group 13 on alternative jet engine fuels Volume 1 Executive summary p 62 N83-11350  
 [AGARD-AR-181-VOL-1]  
 Propulsion and energetics panel, working group 13 on alternative jet engine fuels Volume 2 Main report p 62 N83-11351  
 [AGARD-AR-181-VOL-2]

An engine installation for fan jet STOL aircraft using USB powered high lift system (I) engine matching test for circular confluent exhaust duct p 200 N83-12086  
 [NAL-TR-703]  
 Components for digitally controlled aircraft engines [NASA-CR-165296] p 201 N83-12089  
 Energy efficient engine Flight propulsion system preliminary analysis and design p 201 N83-12094  
 [NASA-CR-159859]  
 Polymer matrix composites research at NASA Lewis Research Center p 210 N83-12151  
 Government financial support for civil aircraft research, technology and development in four European countries and the United States p 225 N83-14022  
 [NASA-CR-169537]  
 Design and test of aircraft engine isolators for reduced interior noise p 190 N83-15042  
 [NASA-CR-166021]  
 Study on Time Between Overhauls (TBO) of aircraft turbojet and its reliability p 164 N83-15255  
 Materials for advanced turbine engines Volume 1 Advanced blade tip seal system p 166 N83-15308  
 [NASA-CR-167851-VOL-1]  
 Ignition and combustion Low compression ratio, high output diesel p 166 N83-15309  
 [NASA-CR-169742]  
 Turbine Engine Fault Detection and Isolation Program Volume 1 Turbine engine performance estimation methods p 167 N83-15311  
 [AD-A119998]  
 Turbine Engine Fault Detection and Isolation Program Volume 2 Maintenance model development p 167 N83-15312  
 [AD-A119999]  
 Computer program for calculation of turbojet system performance p 167 N83-15314  
 [AD-A120665]  
 Detection and diagnosis of bearing deterioration in aircraft propulsion systems by wear debris analysis p 184 N83-15506  
 The oil/air system of a modern fighter aircraft engine p 167 N83-15511  
 Behavior of aircraft engine oils at high temperature p 185 N83-15529  
 AFWAL FY81 technical accomplishments p 191 N83-16253  
 [AD-A120682]  
 Energy efficient engine Fan test hardware detailed design report p 212 N83-16341  
 [NASA-CR-165148]  
 A method to estimate weight and dimensions of small aircraft propulsion gas turbine engines User's guide [NASA-CR-168049] p 213 N83-16343  
 Blade erosion effects on aircraft-engine compressor performance p 213 N83-16346  
 [DE82-021791]  
 Vibration-free internal combustion engine for general aviation p 213 N83-16347  
 [BMFT-FB-W-82-016]  
 Materials screening tests of the FOD impact design technology program, task 4C --- fan and compressor blades for aircraft engines p 225 N83-16401  
 [AD-A119839]  
 Effects of flight on noise radiated from convected ring sources in coaxial dual flow Part 2 The noise from heated jets p 238 N83-17237  
 [NASA-CR-169736]  
 Effects of noise radiated from convected ring sources in coaxial dual flow Part 1 The noise from unheated jets p 238 N83-17238  
 [NASA-CR-169737]  
 The JT9D Jet Engine Diagnostics Program p 214 N83-17544  
 [NASA-CR-167966]  
 Study of advanced rotary combustion engines for commuter aircraft p 214 N83-17545  
 [NASA-CR-165399]  
 Bearing fatigue investigation 3 p 233 N83-17880  
 [NASA-CR-168029]  
 Creep and fatigue interactions in a nickel base superalloy p 234 N83-17903  
 [NLR-MP-82003-U]  
 Aircraft turbofan noise p 239 N83-18405  
 [NASA-TM-83317]  
 Energy efficient engine sector combustor rig test program p 283 N83-19753  
 [NASA-CR-167913]  
 Impact of NASA-sponsored research on aircraft turbine engine bearing specifications p 303 N83-20129  
 A failure diagnosis methodology --- jet aircraft engines p 304 N83-20232  
 F100 engine build policy findings p 311 N83-20907  
 [AD-A122868]  
 A system dynamics policy analysis model of the Air Force engine management system p 339 N83-20950  
 [AD-A122829]  
 Protective coatings against fretting in aircraft engine construction p 351 N83-21102  
 [BLL-CE-TRANS-7736-(9022 09)]



Full-authority fault-tolerant electronic engine control system for variable cycle engines  
[AD-A121748] p 359 N83-21357

A study of bird ingestions into large high bypass ratio turbine aircraft engines  
[FAA-CT-82-144] p 319 N83-22173

Energy efficient engine component development and integration program  
[NASA-CR-170089] p 339 N83-22204

FAA certification requirements for future fuels, fuel systems and powerplants  
p 352 N83-22443

Lightweight aircraft engines, the potential and problems for use of automotive fuels  
p 352 N83-22446

The spark-ignition aircraft piston engine of the future  
p 353 N83-22450

Airframe and engine integration and potential improvements  
p 353 N83-22451

Current designs, future possibilities and programmatic suggestions  
p 353 N83-22452

Advanced rotary engines  
p 340 N83-22454

Lightweight diesel aircraft engines for general aviation  
p 340 N83-22455

An overview of general aviation propulsion research programs at NASA Lewis Research Center  
p 340 N83-22456

General Aviation Turbine Engine (GATE) overview  
p 340 N83-22457

Application of 3-signal coherence to core noise transmission  
[NASA-TM-83333] p 367 N83-23114

Cost analysis of turbine engine warranties  
[AD-A123034] p 394 N83-23313

Aviation turbine fuels, 1981  
[DE82-015870] p 404 N83-23478

Opportunities for research in aerothermodynamics  
[NASA-TM-83348] p 394 N83-24506

Advanced electrical power system technology for the all electric aircraft  
[NASA-TM-83390] p 407 N83-24764

Development and production cost estimating relationships for aircraft turbine engines  
[AD-A123753] p 459 N83-25714

Dynamic distortion in a short s-shaped subsonic diffuser with flow separation --- Lewis 8 by 6 foot Supersonic Wind Tunnel  
[NASA-TM-83412] p 459 N83-26838

Method of studying the operating temperature of gas turbines --- aeroengines  
[PNR-90159] p 460 N83-26842

JT90 thermal barrier coated vanes  
[NASA-CR-167964] p 536 N83-27993

Airworthiness and Flight Characteristics test (A&FC) of AH-1S with Aircraft General Purpose Dispenser System (AGPDS)  
[AD-A125978] p 528 N83-29199

Multi-fuel rotary engine for general aviation aircraft  
[NASA-TM-83429] p 539 N83-29235

Engine Handling  
[AD-A129168] p 540 N83-29241

Some general topics in the field of engine handling  
p 540 N83-29242

A look at engine handling aspects from aircraft flight test experience, with an outlook for future requirements  
p 540 N83-29245

Operational engine usage  
p 540 N83-29246

Handling combat engines The pilots viewpoint --- Mirage 2000 aircraft  
p 540 N83-29247

Throttle handling related to J85 engine performance and durability Canadian forces experience  
p 541 N83-29249

Operational and maintenance aspects of the introduction of an advanced fighter type  
p 491 N83-29250

Experience with the KHD APU T312 for a modern fighter type  
p 541 N83-29251

Mechanical and thermal effects on the transient and steady state component performance of gas turbines  
p 541 N83-29252

Turbine tip clearance control in gas turbine engines  
p 541 N83-29254

Models for predicting tip clearance changes in gas turbines  
p 541 N83-29255

Deterioration in service of engine transient behaviour  
p 542 N83-29256

Applications of a compression system stability model  
p 542 N83-29260

Generalized digital simulation technique with variable engine parameter input for steady state and transient behaviour of aero gas turbines  
p 543 N83-29263

The modern concept of acceleration control Introduction to optimal command in a handling by objective structure  
p 543 N83-29267

Considerations of technology transfer barriers in the modification of strategic superalloys for aircraft turbine engines  
[NASA-TM-83395] p 554 N83-29360

Research to develop and evaluate advanced eddy current sensors for detecting small flaws in metallic aerospace components  
[AD-A125873] p 564 N83-29726

Experimental investigations of transport aircraft low speed engine interference effects and flight test correlation  
p 603 N83-30364

Energy efficient engine Core engine bearings, drives and configuration: Detailed design report  
[NASA-CR-165376] p 617 N83-30430

Engine performance comparison associated with carburetor icing during aviation grade fuel and automotive grade fuel operation  
[DOT/FAA/CT-82/110] p 618 N83-31604

Spectrometer sensitivity investigations on the spectrometric oil analysis program  
[AD-A127969] p 638 N83-31752

In-depth survey report of American Airlines plating facility  
[PB83-187799] p 647 N83-31916

Damage tolerance --- of aircraft  
[SNIAS-831-551-103] p 679 N83-32800

Current and future technology in radial and axial gas turbines  
[NASA-TM-83414] p 684 N83-32811

Unsteady swirling flows in gas turbines  
[AD-A128388] p 685 N83-32812

A fuel-efficient cruise performance model for general aviation piston engine airplanes  
[NASA-CR-172188] p 686 N83-33891

Windmilling of the rotor of a turbojet engine with an axial-flow compressor under flight conditions  
[NASA-TM-77087] p 686 N83-33892

Radiant heating tests of several liquid metal heat-pipe sandwich panels  
[NASA-TM-85669] p 702 N83-34226

Multiaxial cyclic thermoplasticity analysis with Besseling's subvolume method  
p 703 N83-34356

Thermodynamic and flow mechanical problems in aircraft and spacecraft drives Summary of work and results for 1980, 81, 82  
p 707 N83-34822

Study of LH2-fueled topping cycle engine for aircraft propulsion  
[NASA-TM-83466] p 746 N83-34942

Supersonic fan engines for military aircraft  
[NASA-TM-83499] p 747 N83-34947

China's Qiang 5 attack aircraft  
[AD-A130117] p 734 N83-36026

Multi-fuel rotary engine for general aviation aircraft  
[NASA-TM-85428] p 748 N83-36031

Development of high loading, high efficiency axial flow turbine  
p 749 N83-36399

## AIRCRAFT EQUIPMENT

Ice detector evaluation for aircraft hazard warning and undercooled water content measurements  
p 33 N83-10187

Aircraft systems test requirements analysis  
p 54 N83-10737

On-line certification for ATE systems  
p 1 N83-10785

Methods for minimizing the effects of lightning transients on aircraft electrical systems  
p 29 N83-11088

Color, pictorial display formats for future fighters  
p 35 N83-11134

Video stand-alone instrument multi-function cockpit display system  
p 35 N83-11172

Video distribution requirements for future tactical aircraft  
p 21 N83-11182

A cost effective approach to design evaluation of advanced system display switchology  
p 71 N83-11200

Real-time infrared image processing --- onboard aircraft  
p 37 N83-11459

Mass-produced laser gyros  
p 63 N83-11628

Life development of components/systems of aircraft  
p 64 N83-12657

Weather radar radomes and their maintenance  
p 3 N83-12658

Electric power supply of aircraft --- Russian book  
p 199 N83-14115

Advanced Aircrew Display Symposium, 5th, Patuxent River, MD, September 15, 16, 1981, Proceedings  
p 196 N83-16126

Colour flight deck displays  
p 197 N83-16336

Aircraft electrical equipment --- Russian book  
p 162 N83-17125

USAF studies fighters for dual-role, all-weather operations  
p 151 N83-17276

Application of software design standards to commercial aircraft equipment  
p 141 N83-17312

Software aspects in certification of new European civil transport aircraft  
p 189 N83-17314

Long-range Falcon - Flight-test Dassault Falcon 50  
p 151 N83-18074

The transport aircraft of tomorrow - A single element of an overall system  
p 128 N83-19410

Electrical, avionic, and sensor equipment of the Yak-40 aircraft /2nd revised and enlarged edition/ --- Russian book  
p 208 N83-20390

Selected topics in licensing Airbus A310  
[DGLR PAPER 82-042] p 247 N83-24166

Aircraft vehicle equipment improvements via microprocessors  
[SAE PAPER 820868] p 263 N83-25787

Advantages of statistically interrogating onboard anticollision systems  
p 258 N83-26482

Estimation regarding the feasibility of using larger distances in measurements with L2F systems in flight tests --- Laser-two-Focus  
p 300 N83-26487

Low power, air-cooled DC-Link aircraft generation systems  
p 336 N83-27324

Aviation filters for fuels, oils, hydraulic fluids, and air --- Russian book  
p 327 N83-28813

On the routes - Boeing 757 with British Airways  
p 327 N83-29241

Application of the nonlinear finite element method to crashworthiness analysis of aircraft seats  
[AIAA 83-0929] p 318 N83-29855

Changing the course of U S aviation  
p 371 N83-30830

Design for random - An example --- vibration testing power supply for drone aircraft  
p 405 N83-30856

Flight operations A study of flight deck management --- Book  
p 428 N83-33767

Design aspects of systems in all-electric aircraft  
[SAE PAPER 821436] p 518 N83-37984

Aircraft super integrated power unit  
[SAE PAPER 821461] p 534 N83-37995

Transfiling and maintenance of oxygen cylinders  
[SAE AIR 1059A] p 547 N83-38103

Mixing 4D equipped and unequipped aircraft in the terminal area  
[AIAA PAPER 83-2240] p 591 N83-41717

The application of gyroscopes in remotely piloted vehicles  
p 609 N83-43708

The development of quartz-membrane pressure transducers at the Aeronautical Research and Test Institute  
p 644 N83-43815

Flight clearance of the Jaguar fly by wire aircraft  
p 675 N83-45845

On-board weight and center-of-gravity measurement system with tire-pressure monitoring  
p 725 N83-47216

Maintenance aspects of modern avionics  
p 710 N83-47654

The GTC331, a 600 hp auxiliary power unit program --- for advanced transport aircraft  
[ASME PAPER 83-GT-188] p 742 N83-47994

General aviation goes digital - Many advantages, but some problems  
p 735 N83-48640

Bucking the current --- electric actuators for V/STOL aircraft  
p 729 N83-48887

Improvement of a captive trajectory system by using optical distance sensors --- store separation from aircraft  
[ONERA, TP NO 1983-115] p 753 N83-49426

Army family of light rotorcraft (LHX) concept formulation  
[AIAA PAPER 83-2552] p 732 N83-49592

Direct-current power supply units GVG 800/350  
p 746 N83-50115

Vibration test level criteria for aircraft equipment  
p 31 N83-10240

Development of avionics installation interface standards  
[AD-A116852] p 38 N83-11123

Conserving aviation fuel by shifting center-of-gravity position  
p 194 N83-13063

Aviation repair association chief interviewed  
p 176 N83-13064

Development of curves for estimating aircraft arresting hook loads  
[AD-A119551] p 156 N83-14119

Interface specifications for the A-7E shared services module  
[AD-A118897] p 189 N83-14954

The US Navy approach to crashworthy seating systems  
p 249 N83-19438

Recommendations as to the elaboration of operational reliability, maintenance cost and availability clauses in aeronautical equipment supply contracts  
p 303 N83-20180

Validation of software for integration of missiles with aircraft systems  
p 384 N83-22140

Electromagnetic test-facility characterization An identification approach  
[DE83-004274] p 360 N83-22498

High voltage testing Volume 2: Specifications and procedures  
[AD-A122355] p 360 N83-22517

Visual judgments of optical distortions in aircraft windscreens  
[AD-A124307] p 390 N83-24503

- Aircraft equipment random vibration test criteria based on vibrations induced by turbulent airflow across aircraft external surfaces  
[AD-A123281] p 440 N83-25696
- Flight testing of a strapdown system Results of a special flight test --- inertial navigation  
[DFVLR-MITT-83-02] p 514 N83-27973
- Investigation of force restraint system biomechanics  
[AD-A126199] p 510 N83-29190
- Usage of the SYSCAP II circuit analysis program to determine semiconductor failure threshold levels caused by lightning/EMP transients p 647 N83-31215
- Vulnerability assessment of electrical/electronic subsystems and equipment to atmospheric electricity p 588 N83-31224
- Design and test criteria for increased energy-absorbing seat effectiveness  
[AD-A128015] p 589 N83-31589
- Integration of a new sensor on to an existing aircraft p 732 N83-34901
- High voltage design guide Volume 4 Aircraft  
[AD-A129530] p 766 N83-36372
- ### AIRCRAFT FUEL SYSTEMS
- The effect of the jet fuel temperature on wear rates during the friction of sliding and rolling p 210 A83 16145
- Optimal processing of the correction data of an aircraft fuel-measurement system p 159 A83-19177
- Trim Tank system for optimizing drag at the center of gravity  
[DGLR PAPER 82-030] p 284 A83-24156
- Future fuels for turbojet engines and their impacts on combustion chambers and fuel systems  
[DGLR PAPER 82-089] p 295 A83-24201
- Flight testing with hot JP 4 fuel -- in helicopter suction fuel systems p 277 A83-24831
- Thermal stability of alternative aircraft fuels  
[AIAA PAPER 83-1143] p 470 A83-36243
- Testing of antimisting kerosene in the DC-10/KC-10 fuel system simulator  
[SAE PAPER 821485] p 550 A83-38004
- Performance tests of two inert gas generator concepts for airplane fuel tank inerting p 519 A83-38078
- Aircraft flexible tanks general design and installation recommendations  
[SAE ARP 1564] p 519 A83-38102
- Lubricants in bearings and absorbed materials on aircraft fuel lines by infrared emission Fourier microspectrophotometry p 220 N83-13455
- A computer-based simulation of a simple aircraft-type fuel system Part 1 Normal transfer  
[AD-A123007] p 389 N83-23301
- Dynamic characteristics of aerial refueling systems  
[AD-A124770] p 442 N83-26830
- The lightning spark barrier p 647 N83-31241
- ### AIRCRAFT FUELS
- Estimation of aircraft fuel consumption p 29 A83-10186
- Impacts of broadened-specification fuels on aircraft turbine engine combustors p 59 A83-10655
- Tests of blending and correlation of distillate fuel properties p 59 A83-11050
- Fuel for future transport aircraft p 222 A83-20082
- Effect of broad properties fuel on injector performance in a reverse flow combustor p 210 A83-21079
- Radiation and smoke from the gas turbine combustor using heavy fuels p 294 A83-23877
- Degradation and characterization of antimisting kerosene p 294 A83-24035
- Application of digital image analysis techniques to antimisting fuel spray characterization  
[ASME PAPER 82-WA/HT-23] p 295 A83-25690
- Is LH2 the high cost option for aircraft fuel p 349 A83-27215
- Effective generalized conductivity of three-phase cellular systems --- with kerosene-air-water fuel mixture example p 367 A83-29270
- Some fuel effects on carbon formation in gas turbine combustors p 350 A83-29392
- Further studies on the prediction of spray evaporation rates --- for aircraft fuels p 468 A83-35811
- Component life reduction due to use of AVGAS in gas turbine engines p 449 A83-35869
- Thermal stability of alternative aircraft fuels  
[AIAA PAPER 83-1143] p 470 A83-36243
- Operational effects of increased freeze point fuels in military airplanes  
[AIAA PAPER 83-1139] p 550 A83-38077
- Aviation gasoline - Issues and answers  
[SAE PAPER 830705] p 634 A83-43316
- Autogas flight test in a Cessna 150 airplane  
[SAE PAPER 830706] p 599 A83-43317
- Model of a cryogenic liquid-hydrogen pipeline for an airport ground distribution system p 648 A83-43641
- The effect of hydrocarbon structure upon fuel sooting tendency in a turbulent spray diffusion flame  
[ASME PAPER 83-GT-90] p 755 A83-47937
- A vortex venturi for reverting antimisting fuel properties  
[ASME PAPER 83-GT-137] p 741 A83-47964
- Drop size measurements in evaporating realistic sprays of emulsified and neat fuels  
[ASME PAPER 83-GT-231] p 756 A83-48027
- An airline view of LH2 as a fuel for commercial aircraft p 757 A83-48598
- Evaluation of methods for rapid determination of freezing point of aviation fuels  
[NASA-CR-167981] p 60 N83-10207
- Aviation turbine fuels An assessment of alternatives  
[NASA-CR-169395] p 60 N83-10214
- Propulsion and energetics panel, working group 13 on alternative jet engine fuels Volume 1 Executive summary  
[AGARD-AR 181-VOL-1] p 62 N83-11350
- Propulsion and energetics panel, working group 13 on alternative jet engine fuels Volume 2 Main report  
[AGARD-AR 181-VOL-2] p 62 N83-11351
- Conserving aviation fuel by shifting center-of-gravity position p 194 N83-13063
- Effect of broad properties fuel on injector performance in a reverse flow combustor  
[NASA-TM-83013] p 202 N83-13101
- The impact of petroleum, synthetic and cryogenic fuels on civil aviation  
[FAA-EM-82-29] p 178 N83-14291
- Sandia Aircraft Crashfire Facility  
[DE82-004297] p 198 N83-16313
- Symposium on Commercial Aviation Energy Conservation Strategies Papers and presentations  
[AD-A107106] p 188 N83-17455
- Development of a procedure for calculating the effects of airfoil erosion on aircraft engine compressor performance p 213 N83-17457
- Aircraft towing feasibility study p 207 N83-17458
- An overview of the DOT/FAA aviation energy conservation policy p 235 N83-17460
- Flight preparation and planning p 188 N83-17462
- Equivalency evaluation of firefighting agents and minimum requirements at US Air Force airfields  
[AD-A126443] p 198 N83-17524
- Experimental study of the thermal stability of hydrocarbon fuels  
[NASA CR 168027] p 228 N83-17728
- Aircraft accident report Reeve Aleutian Airways, Nihon YS-11A, N169RV, King Salmon, Alaska, February 16, 1982  
[PB82-910414] p 249 N83-18700
- High accuracy fuel flowmeter, phase 1  
[NASA-CR-167893] p 359 N83-21314
- Military requirements --- fuel economy, air traffic control, and defense budgets p 325 N83-22181
- Aviation Gasolines and Future Alternatives  
[NASA-CP-2267] p 352 N83-22442
- FAA certification requirements for future fuels, fuel systems and powerplants p 352 N83-22443
- Industry's assessment of the number of airplanes in the general aviation fleet along with their hours flown and fuel consumption data powered by what type of engines, when and for what reasons, through the year 2000 p 352 N83-22445
- Lightweight aircraft engines, the potential and problems for use of automotive fuels p 352 N83-22446
- General aviation fuel quality control p 352 N83-22447
- Manufacturing comparisons of aviation and motor gasolines p 352 N83-22448
- Fuel supply and distribution Fixed base operation p 353 N83-22449
- Future of alternate fuels for turbine engines p 353 N83 22453
- Flight summaries and temperature climatology at airliner cruise altitudes from GASP (Global Atmospheric Sampling Program) data  
[NASA-CR-168106] p 409 N83-24048
- Influence of liquid water and water vapor on antimisting kerosene (AMK)  
[NASA-CR-170280] p 404 N83-24711
- Research on aviation fuel instability  
[NASA TM-83420] p 553 N83-28255
- Alternative fuel technology series Volume 1 Alternative fuels for transport  
[ISBN-0-902937-63-4] p 555 N83 29414
- Shell briefing service Aircraft fuels today and tomorrow p 638 N83-30678
- Potential fuel savings of specific ATC system improvements  
[AD-A126449] p 669 N83-33861
- The NASA High Accuracy Fuel Flowmeter (HAFF) development program  
[NASA TM-83484] p 682 N83 33883
- Refining of military jet fuels from shale oil Volume 3, part 2 Above ground shale oil process data  
[AD-A128635] p 758 N83-35162
- Refining of military jet fuels from shale oil, part 2, volume 2 (in situ shale oil process data) p 759 N83-36248
- Refining of military jet fuels from shale oil Part 3 Pilot plant sample preparation  
[AD-A128722] p 759 N83-36249
- ### AIRCRAFT GUIDANCE
- The reliability analysis of a dual, physically separated, communicating IMU system p 20 A83-11128
- DC-9 Super 80 digital flight guidance system simulation techniques for certification p 141 A83-17305
- Software design for the Douglas DC-9 Super 80 digital flight guidance system p 141 A83-17311
- Automation of on-board flightpath management p 215 A83-21002
- Flight management systems and data links p 285 A83-24424
- Integration of navigation resources in modern avionics systems p 254 A83-24852
- Technical and operational evaluation of wide-area coverage navigation systems in the continental United States p 255 A83-24857
- Guidance control systems for aircraft on airport surfaces  
[AIAA PAPER 83-1579] p 429 A83-36953
- Development of 4-D time-controlled guidance laws using singular perturbation methodology p 512 A83-37149
- DC-9 Super 80 Digital Flight Guidance System integrated system testing  
[SAE PAPER 821364] p 529 A83-37959
- Mixing 4D equipped and unequipped aircraft in the terminal area  
[AIAA PAPER 83-2240] p 591 A83-41717
- 4 D fuel-optimal guidance in the presence of winds  
[AIAA PAPER 83-2242] p 592 A83-41719
- Investigation of advanced navigation and guidance system concepts for all-weather rotorcraft operations  
[NASA-CR 166274] p 28 N83-10029
- Minimum TCAS 2 threat detection and resolution logic status p 145 N83-14089
- TCAS 2 threat detection and resolution logic testing p 145 N83-14090
- TCAS 2  
[DV-10496] p 145 N83-14091
- Evaluation of TCAS 2 in an air carrier environment p 146 N83-14092
- An on-board near-optimal climb-dash energy management  
[NASA-CR-169755] p 205 N83-16329
- Results from tests, with van-mounted sensor, of magnetic leader cable for aircraft guidance during roll-out and turnoff  
[NASA-TP 2092] p 209 N83-16338
- Distributed micro-processor applications to guidance and control systems p 236 N83-18295
- AD-A119562] p 236 N83-18295
- Modern display technologies and applications  
[AGARD-AR-169] p 310 N83-20758
- Advances in sensors and their integration into aircraft guidance and control systems  
[AGARD-AG-272] p 712 N83-34891
- Introduction to optical rate sensors p 735 N83-34895
- ### AIRCRAFT HAZARDS
- Ice detector evaluation for aircraft hazard warning and undercooled water content measurements p 33 A83-10187
- AEHP for advanced technology aircraft --- Atmospheric Electricity Hazard Protection p 2 A83-11086
- Design of an aircraft ice detector using microcomputer electronics to enhance system availability p 34 A83-11097
- A similarity analysis of the droplet trajectory equation p 212 A83-13133
- Conflict of interest wind modeling in aircraft response study p 189 A83-13158
- Corona type sensor for aircraft electrical potential measurement  
[ONERA, TP NO 1982-73] p 195 A83-14530
- Atmospheric electricity and air transport safety  
[ONERA, TP NO 1982-82] p 181 A83-14534
- The Air Force Flight Test Center Palletized Airborne Water Spray System  
[AIAA PAPER 83-0030] p 148 A83-16472
- Aircraft icing roughness features and its effect on the icing process  
[AIAA PAPER 83-0111] p 188 A83-16527
- NASA Lewis Research Center's program on icing research  
[AIAA PAPER 83-0204] p 127 A83-16582
- Applications of Doppler radar to aviation operations - JAWS experiences  
[AIAA PAPER 83-0205] p 188 A83-16583

Heavy rain influence on airplane accidents p 138 A83-18415

Remote sensing of problem birds in aviation p 196 A83-21876

Management of bird problem in Indian airlines p 196 A83-21877

Bird strikes to aircraft and associated hazards and problems regarding the safety of aircraft operations p 196 A83-21878

Wind shear detection with a modified airport surveillance radar p 360 A83-27040

A contribution to airworthiness certification of gas turbine disks p 449 A83-35872

Specification of slant wind shear with an offset tower observation system p 564 A83-38749

The short-range forecasting of meteorological conditions of the icing of aircraft on the ground and the runway at the Sofia airport p 648 A83-41585

F/R-F transparency baseline bird impact test program p 598 A83-42533

FOD hazard from tire-lofted debris -- Foreign Object Damage p 585 A83-42557

Observations of severe in-flight environments on airplane composite structural components p 600 A83-43330

Theoretical and experimental studies of the electromagnetic coupling mechanisms between aircraft and consecutive lightning strikes, both direct and nearby [ONERA, TP NO 1983-44] p 667 A83-44318

The diagnosis and evaluation of turbulence which influences the flight of aircraft, according to rawinsonde network observation data p 704 A83-45326

A systematic characterization of the effects of atmospheric electricity on the operational conditions of aircraft [ONERA, TP NO 1983-59] p 719 A83-48180

Microphysical influences on aircraft icing p 720 A83-49722

Assessment of crash fire hazard of LH sub 2 fueled aircraft [NASA-CR-165525] p 16 N83-11095

Direct lightning strikes to aircraft [AD-A118075] p 16 N83-11100

Sandia Aircraft Crashfire Facility [DE82-004297] p 198 N83-16313

Equivalency evaluation of firefighting agents and minimum requirements at US Air Force airfields [AD-A126443] p 198 N83-17524

Verification testing of a UH-1 Wire Strike Protection System (WSPS) [AD-A122220] p 250 N83-19725

Suppression of ice fog from the Fort Wright, Alaska, cooling pond [AD-A123069] p 409 N83-24073

Significant events in low-level flow conditions hazardous to aircraft [NASA-TM-82522] p 410 N83-25268

Aircraft lightning-induced voltage test technique developments [NASA-CR-170403] p 442 N83-26829

RF radiation from lightning correlated with aircraft measurements during storm hazards-82 [NASA-TM-85007] p 479 N83-27537

Electromagnetic measurements of lightning attachment to aircraft p 647 N83-31199

Airborne measurements of the risetimes in lightning return stroke fields p 649 N83-31200

The effects of new technology trends on aircraft lightning vulnerability and the capability to identify technology deficiencies p 586 N83-31207

Nanosecond resolution of E, H and I in aircraft lightning test rigs p 647 N83-31212

Full-system tests using the Sandia lightning simulator p 632 N83-31213

Lightning interaction with USAF aircraft p 587 N83-31214

Measurements and theoretical analysis of a full scale NEMP p 588 N83-31222

Updating the MCAIR lightning simulation laboratory p 632 N83-31223

Vulnerability assessment of electrical/electronic subsystems and equipment to atmospheric electricity p 588 N83-31224

Conditions conducive to lightning striking an aircraft in a thunderstorm p 588 N83-31236

The lightning spark barrier p 647 N83-31241

Protecting the world's largest commercial helicopter from atmospheric hazards p 588 N83-31242

The USRA workshop report Electrostatic fog dispersal [NASA-CR-170802] p 704 N83-34514

Low-level flow conditions hazardous to aircraft p 767 N83-36595

## AIRCRAFT HYDRAULIC SYSTEMS

Determination of the sensitivity of U S Air Force aircraft hydraulic system components to particulate contamination p 475 A83-36910

Calculation of the flow rate characteristic of a jet-throttling hydraulic distributor with allowance for the ejection properties of a tube-plate system p 598 A83-42128

Emergency power for the F-16 aircraft [ASME PAPER 83-GT 189] p 742 A83-47995

Fire resistant aircraft hydraulic system [AD-A118169] p 33 N83-11118

Analysis of United States Air Force aircraft accumulators [AD-A122092] p 267 N83-19746

**AIRCRAFT INDUSTRY**

Rethinking automation in NDT applications p 298 A83-23920

Aviation system technology from the point of view of the aircraft manufacturer [DGLR PAPER 82-025] p 242 A83-24152

The ATR 42 will keep its promises p 262 A83-25115

Advanced technology for future regional transport aircraft p 326 A83-27499

Materials in the mirror of aviation criteria p 434 A83-33952

Legislative developments affecting the aviation industry 1981-1982 p 572 A83-39043

Aircraft crashworthiness in the United States - Some legal and technical parameters p 572 A83-39044

Strict liability in military aviation cases - Should it apply? p 572 A83-39045

Aircraft crashworthiness and the manufacturer's tort liability in the United States p 707 A83-45808

Ten years of promoting the development of air transport research p 709 A83-47185

Technology transfer from the aircraft sector to other sectors as exemplified by helicopter technology p 709 A83-47190

Design and technology influences - 'Maturity' at introduction of the 214ST [AIAA PAPER 83-2528] p 728 A83-48366

LHX The US Army wants 5,000 Industry needs the business p 729 A83-48642

Civil transport aircraft design methodology [AIAA PAPER 83-2463] p 731 A83-49579

A McDonnell Douglas perspective - Commercial aircraft for the next generation [AIAA PAPER 83-2502] p 731 A83-49587

Transport aircraft requirements How much? How soon? How to pay? [AIAA PAPER 83-2504] p 720 A83-49588

The influence of water-displacing organic corrosion inhibitors on the fatigue behaviour of 2024-T3 alclad aluminum alloy bolted joints [ARL-STRUC-REPORT 390] p 61 N83-11281

Aviation repair association chief interviewed p 176 N83-13064

Cost functions for airframe production programs [AD A119788] p 128 N83-14062

Impact of advanced air transport technology Part 4 Financing and program alternatives for advanced high speed aircraft [PB83-110585] p 251 N83-19731

An analysis of the F 16 aircraft requirements generation process and its adverse impact on contractor rate capacity [AD-A123003] p 373 N83-23272

Aviation Executive Conference [AD A124581] p 416 N83-25654

Economic effects of noise abatement regulations on the helicopter industry [AD A127331] p 576 N83-30356

**AIRCRAFT INSTRUMENTS**

Materials for the manufacture of aircraft instruments and structures -- Russian book p 58 A83-10466

Advanced multiple output air data sensor for angle of attack, pitot and static pressure measurements p 34 A83-11098

The reliability analysis of a dual, physically separated, communicating IMU system p 20 A83-11128

Secondary air data measurement technology -- pressure transducers for RPVs, drones cruise missiles and fighter backup systems p 36 A83-11261

The complete book of cockpits p 37 A83-11575

Trend analysis concerning the displays and the keyboard of GPS navigation receivers for different applications p 37 A83-13010

The aviation and radioelectronic equipment of the Yak 18T aircraft -- Russian book p 195 A83-13814

Corona type sensor for aircraft electrical potential measurement [ONERA, TP NO 1982-73] p 195 A83-14530

Advanced P-3 flight station studies p 195 A83-15429

Development and testing of a microwave radiometric vertical sensor for application to a vertical seeking aircrew escape system p 195 A83-15437

Airborne electronic colour displays p 196 A83-16133

Concerning the measurement of aircraft acceleration p 158 A83-16876

An instrument for recording the exceeding of specified levels of an operational parameter of an aircraft p 159 A83-16880

Multifunction display simulation facility p 159 A83-17302

Microwave Ice Accretion Measurement Instrument /MIAMI/ p 208 A83-22163

Calibration support of the AN/AAM-60 common forward-looking infrared /FLIR/ test bench p 232 A83-22886

Increasing flight safety under shear wind conditions by modifying thrust regulation systems and existing cockpit instrumentation [DGLR PAPER 82-033] p 284 A83-24159

Human factors in the application of large screen electronic displays to transport flight station design p 269 A83-26312

Doppler radar and aircraft measurements of thunderstorm turbulence p 360 A83-27043

Flight deck display p 334 A83-27123

Analysis of the precision of inertial navigation systems -- German thesis p 321 A83-28649

Development and test of an integrated sensory system for advanced aircraft p 390 A83-30159

Sidestick controller design requirements p 396 A83-32934

Performance capabilities of photographic flight navigation and sensor orientation systems p 431 A83-36122

Advanced display techniques for training the multi-member tactical air crew [AIAA PAPER 83-1079] p 443 A83-36207

GE's APG-67 - Fighter radar with a future p 432 A83-36625

Alpha Jet - Further version for the international market p 529 A83-37858

The use of pressure fluctuations on the nose of an aircraft for measuring air motion p 566 A83-39118

A history of electronic flight instruments - through tomorrow p 608 A83-41532

Functional development of the 757/767 digital cockpit Autoland System [AIAA PAPER 83-2192] p 592 A83-41762

Application and experience of colour CRT flight deck displays p 680 A83-44688

Four-dimensional flight management using colour CRT displays p 681 A83-44689

Evolution of map display optical systems p 681 A83-44830

Improvement of the measurement system for the survey of class-II ILS installations p 670 A83-45401

Space technology The art and science of ergonomics p 681 A83-45605

Laboratory evaluation of an airborne ozone instrument that compensates for altitude/sensitivity effects p 681 A83-45618

Military systems acceptance criteria -- for digital avionics systems p 657 A83-45844

Flight clearance of the Jaguar fly by wire aircraft I p 675 A83-45845

Plating on glass for hermetic seal [SAE PAPER 820613] p 696 A83-45871

A new generation of navigation and landing aids for aviation p 722 A83-47188

Central operating and display unit for avionics systems p 722 A83-47193

Integrated navigation systems for aircraft p 723 A83-48735

Image generation and display p 39 N83-11394

Picture formatting and hardware considerations p 67 N83-11395

Computer graphic presentation of conventional cockpit instruments [ARL/SYS-NOTE-82] p 197 N83-12082

Design, development, and flight test of a demonstration advanced avionics system [NASA-TM-84323] p 270 N83-18721

Project Cockpit Instruments and Human Engineering as part of a joint programme of research on aircraft guidance and control [DFVLR FB-82-13] p 270 N83-18722

Instrumentation requirements for assessing occupant response to three dimensional high acceleration environments p 302 N83-19434

Three-Dimensional Displays Perceptual Research and Applications to Military Systems [AD-A122577] p 309 N83-20692

Critical research issues on cockpit applications of 3-D displays p 272 N83-20697

- Issues in the evaluation of 3-D display applications p 309 N83-20699
- Anemobarometric systems for next generation aircraft architecture for air data systems p 343 N83-22101
- Digital pressure sensor for altimeters, rate-of-climb and air speed indicators in aircrafts [BMFT-FB-W-82-033] p 391 N83-23304
- Replacement of electromechanical devices by cathode ray tubes [SNIAS-822-111-110] p 407 N83-23523
- Atmospheric electricity hazards protection program p 649 N83-31165
- Damage of RFC surface layers by electrostatic charging p 649 N83-31169
- Modelling of direct-strike lightning coupling by a transfer function technique p 612 N83-31177
- Restructurable Controls [NASA-CP-2277] p 688 N83-33896
- ### AIRCRAFT LANDING
- Conflict of interest wind modeling in aircraft response study p 189 A83-13158
- Fuel-optimal aircraft trajectories with fixed arrival times p 191 A83-18115
- Helmet mounted display symbology for helicopter landing on small ships p 196 A83-18134
- Aerodynamic penalties of heavy rain on landing airplanes p 138 A83-18403
- A proposed simple and safe aircraft take-off or landing procedure with wing roughness or protruberances [AIAA PAPER 83-0604] p 153 A83-19594
- A concept for reducing helicopter IFR landing weather minimums - Onshore p 199 A83-21034
- Noise-reducing takeoff and landing procedures and the potential for their operational use in the Airbus A300 [DGLR PAPER 82-032] p 247 A83-24158
- Applications of head-up displays in commercial transport aircraft p 269 A83-24428
- Observers as noise filters in an automatic aircraft landing system p 285 A83-24434
- Adjacent channel interference in the case of the precision distance measuring system DME/P p 258 A83-26480
- The design of wind shear filters p 286 A83-26483
- Operation of ILS during snow and ice conditions p 320 A83-27969
- Dynamic taxi response (have bounce) testing of the C-5A aircraft [AIAA PAPER 83-1024] p 386 A83-32783
- All-weather small-deck operations in the US Navy [SAE PAPER 821503] p 508 A83-38010
- DFVLR-remote slant visual range (SVR) and wind vector measuring systems p 565 A83-38750
- The COMPAS system for more efficient approach traffic --- for aircraft p 513 A83-39345
- Simulated fan-beam radar imagery --- use in assessing aircraft approach-to-landing paths p 559 A83-40302
- Camber landing simulation results of precision flight path controllers in manual and automatic approach [AIAA PAPER 83-2072] p 592 A83-41909
- Improvement of the measurement system for the survey of class-II ILS installations p 670 A83-45401
- An analysis of airline landing flare data based on flight and training simulator measurements [NASA-CR-166404] p 47 N83-10047
- Handling qualities aspects of CTOL aircraft with advanced flight controls p 50 N83-10064
- Effect of control system delays on fighter flying qualities p 51 N83-10073
- Experience with System Identification From Tracking (SIFT) flight-test-techniques at the German Air Force Flight Test Center p 51 N83-10078
- Aircraft response to operations on rapidly repaired battle damaged runways and taxiways p 31 N83-10270
- Automatic Camber Landing System (ACLS) category 3 certification manual [AD-A118181] p 57 N83-11147
- Hazards of colour coding in visual approach slope indicators [ARL/REPT-25] p 186 N83-12057
- Lateral flying qualities of highly augmented fighter aircraft, volume 2 [AD-A118071] p 204 N83-12100
- Structural demonstration of the SH-60B helicopter, appendix 1 and 2 [SER-520235] p 194 N83-13092
- Control logic for landing-abort autopilot mode [UTIAS-258] p 204 N83-13111
- Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 2 Program plan, test data and analysis [AD-A119704] p 155 N83-14117
- Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 1 Summary [AD-A119406] p 156 N83-14122
- A fighter landing gear for the 1980's p 158 N83-15301
- In-flight investigation of large airplane flying qualities for approach and landing [AD-A120202] p 206 N83-16332
- Performance measures for aircraft carrier landings as a function of aircraft dynamics [AD-A120473] p 206 N83-16334
- The influence of helicopter operating conditions on rotor noise characteristics and measurement repeatability [AD-A121426] p 310 N83-20707
- Evaluation of g seat augmentation of fixed-base/moving base simulation for transport landings under two visually imposed runway width conditions [NASA-TP-2135] p 333 N83-22191
- Crab angle estimation with two dimensional cross correlations and centroids [AD-A122872] p 382 N83-23289
- Vertical accelerations of a large aircraft during landing and taxiing [NLR-TR-82001-U] p 389 N83-23298
- Stability and control of a supersonic transport airplane during landing approach [NASA-TM-84659] p 396 N83-23317
- A piloted flight simulator study of conflict of interest wind modelling techniques [UTIAS-TR-238] p 401 N83-23329
- Significant events in low-level flow conditions hazardous to aircraft [NASA-TM-82522] p 410 N83-25268
- Lateral flying qualities of highly augmented fighter aircraft, volume 1 [AD-A118070] p 443 N83-26835
- A flight-test and simulation evaluation of the longitudinal final approach and landing performance of an automatic system for a light wing loading STOL aircraft [NASA-TM-84270] p 461 N83-26845
- Soft airfield test with F-4 aircraft [AD-A125393] p 548 N83-28008
- Software description for the O'Hare runway configuration management system Volume 2 Low-level pseudocode [AD-A127828] p 594 N83-31592
- Potential joint civil and military use of military airfields [PB83-186734] p 633 N83-31616
- Structures and Dynamics Division Research and technology plans for FY 1983 and accomplishments for FY 1982 [NASA-TM-85661] p 648 N83-32095
- Effect of trailing edge flaps on rolling moment derivative due to sideslip, (L sub V) sub F [ESDU-80034] p 663 N83-32752
- Program Management Plan (PMP) for Rapid Runway Repair (RRR) [AD-A128565] p 754 N83-34957
- ### AIRCRAFT LAUNCHING DEVICES
- Sky Hook to help ships launch Harrier p 206 A83-13575
- Launch and recovery techniques for RPVs p 601 A83-43715
- ### AIRCRAFT LIGHTS
- Design consideration for lighting modern commercial aircraft [SAE PAPER 830712] p 599 A83-43322
- Aircraft night lighting systems [SAE PAPER 830713] p 609 A83-43323
- Desirable characteristics of underwater lights for helicopter escape hatches [AD-A120331] p 197 N83-16310
- ### AIRCRAFT MAINTENANCE
- Repair of the auxiliary power plants of aircraft --- Russian book p 41 A83-11949
- USAF studying techniques to restore windshields p 2 A83-12324
- Reliability and maintainability aspects of a 'fleet' of prototype helicopters p 2 A83-12654
- Life development of components/systems of aircraft p 64 A83-12657
- Weather radar radomes and their maintenance p 3 A83-12658
- The use of composite patches for repair of aircraft structural parts p 3 A83-12968
- Analysis of bonded repairs to damaged fibre composite structures p 209 A83-13200
- The cleaning of the exterior of the aircraft p 175 A83-14325
- Application of fatigue-strength analysis to the evaluation of the consequences of local damage and the effects of wing-shell repairs III - An example of the application of fatigue-strength analysis using a specific fatigue wear p 213 A83-14620
- Cold-setting adhesives for repair purposes using various surface preparation methods p 210 A83-15874
- The remanufacturers --- of passenger aircraft p 127 A83-18075
- Aircraft inspection using radiography p 185 A83-20478
- Damage tolerance and reparability of advanced composite structures p 222 A83-20484
- Demonstration of reparability and repair quality on graphite/epoxy structural subelements p 186 A83-20485
- Elevated temperature repairs of advanced composite structures p 223 A83-20499
- Cleaning gas turbine compressors - Some service experience with a wet-wash system p 210 A83-21350
- Analysis and repair of flaws in thick structures p 230 A83-21654
- The design of bonded structure repairs p 297 A83-23329
- The maintenance of modern engines in civil aviation [DGLR PAPER 82-070] p 275 A83-24184
- Fault isolation methodology for the L-1011 digital avionic flight control system p 285 A83-24427
- Full-flow debris monitoring and fine filtration for helicopter propulsion systems p 278 A83-24838
- Optimization of the oil-change period for aircraft systems and units p 296 A83-26922
- Maintenance of large engines CF6s for the Airbus A310 p 391 A83-30073
- Repairing composite structures p 371 A83-30074
- Design considerations for ease of maintenance in commuter aircraft [SAE PAPER 820722] p 371 A83-31804
- Cost effective performance restoration of high by-pass engines p 447 A83-35833
- Statistical study of TBO and estimation of acceleration factors of ASMT for aircraft turbo-engine --- Accelerated Simulated Mission Endurance Testing p 448 A83-35858
- Major hot section component salvaged through advanced repair methods [SAE PAPER 821489] p 534 A83-38007
- Maintenance according to technical conditions --- for aircraft p 489 A83-39221
- Simulation which simulates less battle damage and repair of an advanced composite A-7 outer wing p 575 A83-42547
- Impact of new technology on engineering and maintenance systems --- of airlines p 657 A83-45078
- Design of the Eastern Air Lines plating shop p 689 A83-45866
- Electroless nickel applications in aircraft maintenance [SAE PAPER 820609] p 696 A83-45867
- Maintenance aspects of modern avionics p 710 A83-47654
- EAGLE/DTA - A life cycle cost model for damage tolerance assessment --- Engine/Aircraft Generalized Life cycle cost Evaluator [ASME PAPER 83-GT-76] p 739 A83-47929
- Aircraft usage and effects on engine life [ASME PAPER 83-GT-143] p 741 A83-47967
- Built-In Test Equipment (BITE) on the Garrett model GTCP331 APU digital electronic control unit --- for gas turbine aircraft auxiliary power system [ASME PAPER 83-GT-186] p 742 A83-47992
- Enhanced aircraft structural maintenance using organic depot damage tolerance analysis [AIAA PAPER 83-2450] p 710 A83-48333
- New concepts for intermediate level maintenance --- of avionics by ATE [AIAA PAPER 83-2498] p 763 A83-48353
- Wartime maintenance impact on aircraft availability Quantifying the R&D investment payoff [AIAA PAPER 83-2515] p 711 A83-48359
- Depot level reparability, maintainability, and supportability of advanced composites [AIAA PAPER 83-2516] p 728 A83-48360
- Scheduled depot maintenance of naval aircraft - How often? [AIAA PAPER 83-2517] p 711 A83-48361
- Designing for supportability and cost effectiveness [AIAA PAPER 83-2499] p 712 A83-49586
- Requirements and production capabilities are uncertain for some Air Force, Navy and Marine Corps aircraft spares and repair parts [AD-A118423] p 6 N83-11055
- Aspects of the reliability and maintenance of turboprops and large turbofan engines [PNR-90113] p 45 N83-11135
- Recommendations for automated monitoring of radio equipment associated with flight service stations [FAA-CT-82-31] p 217 N83-12298
- Self resonating pulsed water jets for aircraft coating removal Feasibility study [AD-A119114] p 218 N83-13292
- Aircraft thrust/power management can save defense fuel, reduce engine maintenance costs, and improve readiness [GAO/PLRD-82-74] p 139 N83-14074

## SUBJECT INDEX

Procedure for application of boron-fibre reinforced plastic patch to the Mirage lower wing skin fuel decant region  
[AD-A119945] p 177 N83-14173

Study on Time Between Overhauls (TBO) of aircraft turbojet and its reliability p 164 N83-15255

Turbine Engine Fault Detection and Isolation Program Volume 1 Turbine engine performance estimation methods  
[AD-A119998] p 167 N83-15311

Three computer based aids to maintenance scheduling  
[AD-A120351] p 187 N83-16280

Computer based maintenance aids system Preliminary development and evaluation of a prototype  
[AD-A120627] p 187 N83-16281

Repair techniques for graphite/epoxy structures for commercial transport applications  
[NASA-CR-159056] p 225 N83-16397

Development of a procedure for calculating the effects of airfoil erosion on aircraft engine compressor performance p 213 N83-17457

Handbook of Military Aircraft Design Normal Load Factor Exceedance Data  
[AD-A120870] p 267 N83-19743

Application of an analytical method to the elaboration of a maintenance program for a new aircraft p 242 N83-20227

F100 engine build policy findings  
[AD-A122868] p 311 N83-20907

A qualitative analysis of SAC aircraft maintenance  
[AD-A122815] p 311 N83-20908

A system dynamics policy analysis model of the Air Force engine management system p 339 N83-20950

Protective coatings against fretting in aircraft engine construction  
[BLL-CE-TRANS-7736-(9022 09)] p 351 N83-21102

Decision support systems An approach to aircraft maintenance scheduling in the Strategic Air Command  
[AD-A123039] p 372 N83-23269

Aircraft availability: An acquisition decision strategy  
[AD-A123060] p 372 N83-23271

AH4 automatic test equipment requirements  
[AD-A122878] p 401 N83-23330

Analysis of F-16 radar discrepancies  
[AD-A124749] p 476 N83-25948

Operational and maintenance aspects of the introduction of an advanced fighter type p 491 N83-28250

Environmental control subsystems flight test handbook  
[AD-A126872] p 606 N83-30408

Effect of test result uncertainty on the performance of a context-free troubleshooting task  
[AD-A128584] p 577 N83-31573

Summary of analysis of sources of forecasting errors in BP 1500 requirements estimating process and description of compensating methodology  
[AD-A128548] p 577 N83-31574

POM (Program Objective Memorandum) FY-85 BP 1500 cost growth and leadtime adjustments Research results  
[AD-A128522] p 654 N83-32667

The impact of reliability improvement warranties on naval aviation maintenance at the fleet level  
[AD-A126810] p 658 N83-33841

### AIRCRAFT MANEUVERS

Minimum-time 180 deg turns of aircraft p 45 N83-10250

Advanced automatic terrain following/terrain avoidance control concepts study p 47 N83-11254

Military potential of the ABC p 30 N83-12097

The maneuvering flight path display - An update p 196 N83-16130

Development of a flight test maneuver autopilot for a highly maneuverable aircraft  
[AIAA PAPER 83-0061] p 168 N83-16493

Decoupling of high gain multivariable tracking systems  
[AIAA PAPER 83-0280] p 140 N83-16625

Optimization of variable-altitude flyback maneuvers --- for rocket-propelled lifting vehicles  
[AIAA PAPER 83-0282] p 149 N83-16627

Variable dimension filter for maneuvering target tracking p 189 N83-19033

Advanced composite materials in aerobatic aircraft p 203 N83-20496

Supersonic maneuvers without superbooms p 189 N83-21021

Aircraft maneuver mechanics with turning of the power-plant thrust vector p 216 N83-22076

Configuration development for a highly maneuverable experimental aircraft with negative sweep rudder units  
[DGLR PAPER 82-035] p 261 N83-24160

Maneuver load control for reducing the design loads of modern combat aircraft  
[DGLR PAPER 82-046] p 284 N83-24169

Conflict recognition and collision probability in connection with horizontal evasion maneuvers p 248 N83-26481

Fault/maneuver tolerance of aided GPS demodulation/navigation processors in the non-precision approach environment p 323 N83-28787

Impact damping and airplane towing p 428 N83-33625

A high speed wind tunnel test evaluation of STOL dedicated advanced exhaust nozzle concepts  
[AIAA PAPER 83-1225] p 421 N83-36292

Dynamics of air combat p 416 N83-36914

A collision avoidance tool for aircraft pilots p 512 N83-37142

Design of an aerobatic aircraft wing using advanced composite materials  
[SAE PAPER 821346] p 517 N83-37955

The effects of non-linear kinematics in optimal evasion p 650 N83-40674

The effects of engine and height-control characteristics on helicopter handling qualities p 619 N83-41078

A comparative evaluation of some maneuvering target tracking algorithms  
[AIAA PAPER 83-2168] p 650 N83-41664

An integrated maneuver enhancement and gust alleviation mode for the AFTI/F-111 MAW aircraft  
[AIAA PAPER 83-2217] p 620 N83-41699

Robustness of a decoupled multivariable digital flight control system  
[AIAA PAPER 83-2272] p 622 N83-41738

Pursuit evasion between two realistic aircraft  
[AIAA PAPER 83-2119] p 651 N83-41944

Poststall flight in close combat p 625 N83-41945

Flight path/nose pointing - A required criterion in future fighter aircraft design  
[AIAA PAPER 83-2123] p 597 N83-41948

The application and results of a new flight test technique  
[AIAA PAPER 83-2137] p 598 N83-41959

The optimal evasive maneuver of a fighter against proportional navigation missiles  
[AIAA PAPER 83-2139] p 626 N83-41961

Estimation of nonlinear aerodynamics from transport airplane certification maneuvers A system identification approach  
[AIAA PAPER 83-2065] p 627 N83-43811

Extracting the comprehensive characteristics in terms of similar parameters from flight test p 675 N83-44570

Problems in determining aircraft polar curves from test-flight data p 676 N83-46489

Aerodynamic characteristics of maneuvering flaps p 8 N83-10004

Avoidance maneuvers selected while viewing cockpit traffic displays  
[NASA TM-84269] p 16 N83-11098

Structural demonstration of the SH-60B helicopter, appendix 1 and 2  
[SER-520235] p 194 N83-13092

Control logic for landing-abort autopilot mode  
[UTIAS-258] p 204 N83-13111

A flight test maneuver autopilot for a highly maneuverable aircraft  
[NASA-TM-81372] p 205 N83-13115

A set of flight dynamic equations for aircraft simulation  
[AD-A119543] p 175 N83-14143

Flight test trajectory control analysis  
[NASA-CR-170395] p 288 N83-18744

Optimal feedback strategies for pursuit-evasion and interception in a plane  
[NASA-TM 84311] p 288 N83-18745

Statistical review of counting accelerometer data for Navy and Marine fleet aircraft  
[AD-A121989] p 267 N83-19744

Methods for generating aircraft trajectories  
[AD-A122386] p 331 N83-20936

HiMAT highly maneuverable aircraft technology, flight report  
[NASA-CR-170245] p 388 N83-23294

Dual towline anti-spin device --- for flight tests  
[NASA-CASE LAR-13076-1] p 733 N83-34934

### AIRCRAFT MODELS

Design and application of a multivariable digital controller to the A 7D Digitac II aircraft model p 45 N83-11148

A technique for predicting antenna-to-antenna isolation and electromagnetic compatibility for aircraft p 22 N83-11235

A new concept for aircraft dynamic stability testing p 203 N83-15310

Helicopter vibration reduction by local structural modification p 215 N83-16028

Active control of a relaxed-static-stability airplane using a discrete model following technique  
[AIAA PAPER 83-0279] p 168 N83-16624

75th anniversary of the establishment of Aerodynamic Experimental Institute of Goettingen p 127 N83-16896

Researchers study methods to combat effects of wind shear p 196 N83-22175

A comparison of model helicopter rotor Primary and Secondary blade/vortex interaction blade slap  
[AIAA PAPER 83-0723] p 307 N83-25934

Flight effects for jet-airframe interaction noise  
[AIAA PAPER 83-0784] p 264 N83-25965

Airplane model structure determination from flight data p 340 N83-29023

Measured inplane stability characteristics in hover for an advanced bearingless rotor  
[AIAA 83-0987] p 330 N83-29865

Stability study of a tilt-rotor aircraft model p 384 N83-31172

Experiment of a shockless transonic airfoil partially modified from an arbitrary airfoil p 374 N83-32514

An axisymmetric nacelle and turbo-prop inlet analysis including power simulation p 375 N83-32584

Performance capability of a Compact Multimission Aircraft Propulsion Simulator  
[AIAA PAPER 83-1358] p 464 N83-36356

Identification of aerodynamic coefficients using flight testing data  
[AIAA PAPER 83-2099] p 597 N83-41929

Laboratory modeling and analysis of aircraft lightning interactions  
[NASA-CR-169455] p 15 N83-10023

Some measurements of wing buffeting on a flutter model of a typical strike aircraft  
[RAE-TR-82007] p 48 N83-10052

Acoustic environment on the surface of a large-scale powered model of a vectored-engine-over-the wing STOL configuration p 73 N83-10272

Investigation of some effects of humidity on aerodynamic characteristics on a 10 percent-thick NASA supercritical airfoil  
[NASA-TM-X-3355] p 4 N83-11018

Dynamic stability characteristics in pitch, yaw, and roll of a supercritical-wing research airplane model --- langley 8-foot transonic tunnel tests  
[NASA TM-X-2900] p 4 N83-11023

A wind-tunnel investigation of the application of the NASA supercritical airfoil to a variable-wing-sweep fighter airplane  
[NASA-TM-X 2759] p 5 N83-11028

Design and manufacture of a transonic wind tunnel model and the investigation of model components under cryogenic flow conditions in the European transonic wind tunnel  
[BMFT FB-W-82-015] p 181 N83-13078

A NASTRAN model of a large flexible swing-wing bomber Volume 3 NASTRAN model development-wing structure  
[NASA-CR-170392-VOL-3] p 154 N83-14109

A NASTRAN model of a large flexible swing-wing bomber Volume 4 NASTRAN model development-fuselage structure  
[NASA-CR-170392-VOL-4] p 154 N83-14110

A NASTRAN model of a large flexible swing-wing bomber Volume 5 NASTRAN model development-fairing structure  
[NASA-CR 170392-VOL 5] p 154 N83-14111

Predicted and measured landing gear loads for the NF-5 aircraft taxiing over a bumpy runway p 157 N83-15296

LANN wing design p 291 N83-18755

NTF model concept for the X-29A Part 1 Requirements, guidelines, and design loads p 291 N83-18756

NTF model concept for the X-29A Part 2 Design and fabrication concept p 291 N83-18757

Determination of airplane model structure from flight data using splines and stepwise regression  
[NASA-TP 2126] p 288 N83-19758

Computer modeling of aircraft cabin fire phenomena  
[PB83 119851] p 319 N83-22174

Wind tunnel investigation of cargo extraction parachutes in the wake of a Lockheed C-141B Starliner aircraft  
[AD-A124523] p 425 N83-25675

Design of a multivariable tracker control law for the A-7D Digitac 2 aircraft  
[AD-A127440] p 629 N83-31607

Interactive spline modelling  
[AD-A128841] p 680 N83-33881

Graphic enhancement of the Aircraft Penetration Model for use as an analytic tool  
[AD-A128226] p 733 N83-34936

Polarization null characteristics of simple targets  
[AD-A129303] p 765 N83-36312

### AIRCRAFT NOISE

Advanced facility for processing aircraft dynamic test data p 53 N83-10189

# AIRCRAFT PARTS

# SUBJECT INDEX

Noise generated by a propeller or a helicopter rotor  
p 41 A83-12343

Noise and detectability characteristics of small-scale remotely piloted vehicle propellers  
p 199 A83-13162

Novel airborne technique for aircraft noise measurements above the flight path  
p 222 A83-15316

Procedure for evaluation of engine isolators for reduced structure-borne noise transmission  
p 199 A83-15320

Non-linear effect in high speed rotor noise  
p 190 A83-18393

Noise of a model helicopter rotor due to ingestion of isotropic turbulence  
p 190 A83-18397

Theoretical and experimental evaluation of transmission loss of cylinders --- as idealized aircraft fuselages  
p 237 A83-19808

Aerosound from corner flow and flap flow  
[AIAA PAPER 81-2039]  
p 237 A83-19813

Noise-reducing takeoff and landing procedures and the potential for their operational use in the Airbus A300  
[DGLR PAPER 82-032]  
p 247 A83-24158

Experimental investigations concerning the noise produced by model propellers and propeller-driven small aircraft  
[DGLR PAPER 82-068]  
p 274 A83-24182

A theoretical and experimental study of propeller noise  
[ONERA, TP NO 1982-122]  
p 305 A83-24333

Flight effects on fan noise with static and wind tunnel comparisons  
[AIAA PAPER 83-0678]  
p 279 A83-25910

Interaction of fan rotor flow with downstream struts  
[AIAA PAPER 83-0682]  
p 279 A83-25912

An experimental investigation of sound radiation from a duct with a circumferentially varying liner  
[AIAA PAPER 83-0712]  
p 307 A83-25928

Noise source identification in airplane cabins using acoustic intensity technique  
[AIAA PAPER 83-0716]  
p 307 A83-25931

Sources of installed turboprop noise  
[AIAA PAPER 83-0744]  
p 280 A83-25946

Farfield inflight measurements of high-speed turboprop noise  
[AIAA PAPER 83-0745]  
p 280 A83-25947

Flyover noise measurements for turbo-prop aircraft  
[AIAA PAPER 83-0746]  
p 280 A83-25948

Helicopter flight noise tests about the influence of rotor-rotational and forward speed changes on the characteristics of the imitted sound  
[AIAA PAPER 83-0672]  
p 365 A83-28002

Measurements of the scattering of sound by a line vortex  
[AIAA PAPER 83-0676]  
p 365 A83-28004

Near-field frequency - Domain theory for propeller noise  
[AIAA PAPER 83-0688]  
p 365 A83-28007

Measurements and predictions of turboprop noise at high cruise speed  
[AIAA PAPER 83-0689]  
p 365 A83-28008

Comparison of broadband noise mechanisms, analyses, and experiments on helicopters, propellers, and wind turbines  
[AIAA PAPER 83-0690]  
p 365 A83-28009

Synchrophasing for cabin noise reduction of propeller-driven airplanes  
[AIAA PAPER 83-0717]  
p 326 A83-28013

Application of 3-signal coherence to core noise transmission  
[AIAA PAPER 83-0759]  
p 366 A83-28021

Direct measurement of transmission loss of aircraft structures using the acoustic intensity approach  
p 327 A83-28185

A new measurement method for separating airborne and structureborne aircraft interior noise  
p 366 A83-28186

A study of helicopter rotor noise, with special reference to tail rotors, using an acoustic wind tunnel  
p 367 A83-29403

Advanced turboprop cargo aircraft systems study  
p 386 A83-32582

Time-of-day corrections in measures of aircraft noise exposure  
p 411 A83-33024

Full-scale measurements of blade-vortex interaction noise  
p 482 A83-33505

In-flight acoustic test results for the SR-2 and SR-3 advanced-design propellers  
[AIAA PAPER 83-1214]  
p 452 A83-36286

Mathematical models of the acoustic properties of propellers  
p 458 A83-36792

Sampling strategies for monitoring noise in the vicinity of airports  
p 570 A83-37731

DFVLR research on helicopter noise  
p 490 A83-39346

Aeroacoustic flight test of four single engine propellers  
[SAE PAPER 830731]  
p 615 A83-43328

Aircraft trajectories for reduced noise impact  
p 667 A83-43971

Nonstationarity in acoustic fields  
p 769 A83-47628

Subsonic and transonic propeller noise  
[ONERA, TP NO 1983-76]  
p 769 A83-48191

Helicopter noise  
[ONERA, TP NO 1983-80]  
p 769 A83-48195

Operational military helicopter interior noise and vibration measurements with companions to ride quality criteria  
[AIAA PAPER 83-2526]  
p 728 A83-48364

Holographic interferometry technique for rotary wing aerodynamics and noise  
[NASA-TM-84723]  
p 67 N83-10378

The Shock and Vibration Digest, volume 14, no 8  
[AD-A119004]  
p 67 N83-10433

Recent research on noise transmission into aircraft  
p 73 N83-10435

Flight effects of fan noise  
[NASA-CP-2242]  
p 73 N83-10883

A new measurement method for separating airborne and structureborne noise radiated by aircraft type panels  
[NASA-TP-2079]  
p 73 N83-11838

Laboratory studies of scales for measuring helicopter noise  
[NASA-CR-3610]  
p 74 N83-11839

Aircraft noise reduction  
[PB82-206095]  
p 194 N83-12080

Correlation of core noise obtained by three signal coherence techniques  
[NASA-TM-83012]  
p 222 N83-12966

A note on the general scaling of helicopter blade-vortex interaction noise  
[AD-A118761]  
p 223 N83-12972

USAF bioenvironmental noise data handbook Volume 172 Hush-noise suppressor (Aero Systems Engineering, Incorporated) far-field noise  
[AD-A118773]  
p 223 N83-12973

Operational noise data for UH-60A and CH-47C Army helicopter  
[AD-A118796]  
p 223 N83-12974

Area equivalent method A quick procedure for determining noise impact at civilian airports  
[PB82-195892]  
p 223 N83-12975

Should helicopter noise be measured differently from other aircraft noise? A review of the psychoacoustic literature  
[NASA-CR-3609]  
p 224 N83-13937

Aircraft noise problems  
p 224 N83-13940

Electronic voice communications improvements for Army aircraft  
[AD-A119427]  
p 183 N83-14387

Design and test of aircraft engine isolators for reduced interior noise  
[NASA-CR-166021]  
p 190 N83-15042

Aircraft noise prediction program user's manual  
[NASA TM-84486]  
p 190 N83-16150

Reduction of high-speed impulsive noise by blade planform modification of a model helicopter rotor  
[NASA-TM-84553]  
p 191 N83-16151

USAF Bioenvironmental Noise Data Handbook Volume 155 CH-3 in-flight crew noise  
[AD-A120791]  
p 191 N83-16154

USAF bioenvironmental noise data handbook Volume 157 KC-10A in-flight crew noise  
[AD-A120507]  
p 191 N83-16156

Airport community soundproofing and relocation study  
[PB82-259144]  
p 220 N83-16358

Airport noise Land-use compatibility by the year 2000  
[PB82-259151]  
p 220 N83-16359

Multiple-event airplane noise annoyance  
[NASA-TP-2101]  
p 234 N83-16951

USAF Bioenvironmental Noise Data Handbook Volume 152 C-12A in-flight crew noise  
[AD-A120509]  
p 238 N83-17247

The analysis of integrated fuel efficient, low noise procedures in lax terminal area operations --- (Los Angeles)  
p 202 N83-17459

Activities report of the French aerospace and research industry  
p 221 N83-17564

Aircraft turbofan noise  
[NASA-TM-83317]  
p 239 N83-18405

Propeller Performance and Noise, Volume 2  
[VKI-LS-1982-08-VOL-2]  
p 242 N83-18656

Propeller aircraft noise-certification and flight testing  
p 308 N83-18657

Propeller aircraft interior noise  
p 309 N83-18658

Advanced turboprop propulsion technology  
[SP-03A82]  
p 281 N83-18659

X-wing noise data acquisition program  
[NASA-CR-166454]  
p 266 N83-18717

Aeroacoustics of a porous plug supersonic jet noise suppressor  
[NASA-CR-169977]  
p 309 N83-19576

USAF Bioenvironmental Noise Data Handbook Volume 160 KC-10A aircraft, near and far-field noise  
[AD-A121301]  
p 309 N83-19579

A study of noise metric and tone correction accuracy  
[NASA-CR-165910]  
p 304 N83-20445

The influence of helicopter operating conditions on rotor noise characteristics and measurement repeatability  
[AD-A121426]  
p 310 N83-20707

Helicopter noise  
p 310 N83-20835

A flight test evaluation and analytical study of the Ball-Bartoe jetwing propulsive lift concept without ejector  
[AD-A121733]  
p 332 N83-20938

Farfield inflight measurement of high-speed turboprop noise  
[NASA-TM-83327]  
p 367 N83-21895

USAF Bioenvironmental Noise Data Handbook Volume 156 HH-1N in-flight Crew Noise  
[AD-A122601]  
p 368 N83-23118

Effects of aerodynamic interaction between main and tail rotors on helicopter hover performance and noise  
[NASA-CR-166477]  
p 376 N83-23275

A preliminary comparison between the SR-6 propeller noise in flight and in a wind tunnel  
[NASA-TM-83341]  
p 412 N83-24287

Far-field acoustic data for the Texas ASE, Inc Hush-House, supplement  
[AD-A122844]  
p 412 N83-24289

Limits on the prediction of helicopter rotor noise using thickness and loading sources Validation of helicopter noise prediction techniques  
[NASA-CR-166097]  
p 412 N83-25498

Helicopter noise exposure curves for use in environmental impact assessment  
[AD-A123467]  
p 413 N83-25500

Aviation Executive Conference  
[AD-A124581]  
p 416 N83-25654

FAA integrated noise model validation Analysis of air carrier flyovers at Seattle-Tacoma Airport  
[AD-A124097]  
p 479 N83-26320

Acoustic measurements of the X wing rotor  
[NASA-TM-84292]  
p 571 N83-28985

Acoustic measurements of a full-scale coaxial hingeless rotor helicopter  
[NASA-TM-84349]  
p 571 N83-28986

Ground reflection effects in measuring propeller aircraft flyover noise  
[ESA-TT-742]  
p 571 N83-28992

Propeller aircraft noise certification and flight testing  
[DFVLR-MITT-82-16]  
p 572 N83-28993

Minimum noise impact aircraft trajectories  
p 515 N83-29191

USAF (United States Air Force) bioenvironmental noise data handbook Volume 2 Index  
[AD-A126851]  
p 653 N83-31421

Computer programs for producing single-event aircraft noise data for specific engine power and meteorological conditions for use with USAF (United States Air Force) community noise model (NOISEMAP)  
[AD-A127419]  
p 653 N83-31422

The effect on the measurement of aircraft noise of reflections from the ground  
[NPL-AC-102]  
p 653 N83-32517

Interior noise and vibration measurements on operational military helicopters and companions with various ride quality criteria  
[NASA-TM-84664]  
p 653 N83-32518

An introduction to aircraft noise lateral attenuation -- sound pressure level  
[ESDU-81035]  
p 706 N83-33677

A laboratory study of the perceived benefit of additional noise attenuation by houses  
[NASA-TM-85647]  
p 706 N83-33682

Residents' annoyance responses to aircraft noise events  
[NASA-TP-2121]  
p 707 N83-34713

Helicopter noise survey at selected New York City heliports  
[AD-A129167]  
p 770 N83-36849

The C-9A interior noise evaluation  
[AD-A129256]  
p 770 N83-36852

## AIRCRAFT PARTS

Preventing the strength failure of machines by vibrodiagnostic techniques I  
p 182 A83-19313

Elevated temperature repairs of advanced composite structures  
p 223 A83-20499

Design of an advanced 500-HP helicopter transmission  
p 277 A83-24834

Reliability of aircraft spines with or without a wear induction period  
[ASME PAPER 82-WA/DE-4]  
p 299 A83-25700

On the determination of the load-carrying capacity of the glass-plastic propeller blade of an aircraft  
p 338 A83-29294

Studies of damage involving aircraft components -- accident-causing metallic component fractures  
p 317 A83-29371

Titanium powder metallurgy components for advanced aerospace applications  
[AIAA 83-0982]  
p 351 A83-29789

Landing gear design handbook  
p 383 A83-30143



Measuring and processing of undercage loading spectra of the L-39 aircraft p 383 A83-30513

Numerical simulation of electrothermal de-icing systems [AIAA PAPER 83-0114] p 428 A83-36043

Some applications of ultrasonic methods for the quality control of nonmetallic objects p 475 A83-36794

In-flight computation of helicopter transmission fatigue life expenditure p 439 A83-36921

Method for calculating jet noise in the presence of a shielding surface p 570 A83-37253

Influence of airplane components on rotational aerodynamic data for a typical single-engine airplane [AIAA PAPER 83-2135] p 579 A83-41957

Determination of full pressure losses in stepped annular diffusers with rectilinear outer walls and a uniform velocity field at the inlet p 613 A83-42130

A critical commentary on magnetic particle inspection p 694 A83-43829

Process planning at Sikorsky p 695 A83-44872

Selecting shock and vibration isolators p 697 A83-46346

Aircraft design (3rd revised and enlarged edition) --- Russian book p 726 A83-48100

Acta Aeronautica et Astronautica Sinica [AD-A117465] p 3 N83-10003

Requirements and production capabilities are uncertain for some Air Force, Navy and Marine Corps aircraft spares and repair parts [AD-A118423] p 6 N83-11055

Tnology p 215 N83-12167

Flight service evaluation of composite components on the Bell Helicopter model 206L. Design, fabrication and testing [NASA-CR 166002] p 177 N83-14169

Lightweight materials for rolling elements in aircraft bearings p 184 N83-15510

F100 engine build policy findings [AD-A122868] p 311 N83 20907

High voltage design guide Volume 4 Aircraft [AD-A129530] p 766 N83 36372

**AIRCRAFT PERFORMANCE**

A-10 stall/post-stall testing - A status update p 47 A83-11808

Identification of the causes of aircraft performance shortfalls in fleet operations p 3 A83 12659

Nomogram for take-off performance of the V/STOL airplane p 30 A83-12665

ACA-ECA or pipedream, Industry needs it - but who will pay p 30 A83-13017

Selected results from the quiet short haul research aircraft flight research program p 189 A83-13165

Tomorrow's Tomcat p 189 A83-14324

The A310 - Even better than expected p 190 A83 14952

The 'Flying Peanut' - Revolutionary design promises high performance p 192 A83 16400

Segmented vortex flaps [AIAA PAPER 83-0424] p 134 A83-16706

Review of factors affecting aircraft wet runway performance [AIAA PAPER 83-0274] p 151 A83-17915

Long-range Falcon - Flight-test Dassault Falcon 50 p 151 A83-18074

Powerplants II --- review of current aircraft turbofan engines p 162 A83 18147

The future for fighter aircraft p 186 A83 20597

Technology and modern fighter aircraft - The evolutionary F-16 p 203 A83-20598

NGT - The Next Generation Trainer p 203 A83-20599

CTOL, STOAL, V/STOL - An operational comparison for forward deployed CVNs p 196 A83-22157

Investigation of landing gear alternatives for high performance aircraft p 261 A83-24030

Performance improvements of single-engine business airplanes by the integration of advanced technologies [DGLR PAPER 82-064] p 262 A83-24178

Some aspects of the engine design of future fighter planes [DGLR PAPER 82-071] p 275 A83-24185

Calculation of the average slipstream of a propeller and its effect on the performance of an aircraft [ONERA, TP NO 1982-120] p 244 A83-24331

Homebuilt airplanes - The sky's the limit p 242 A83-25122

Now is the time for new fighters p 262 A83-25137

The extended Kalman filter and its use in estimating aerodynamic derivatives p 340 A83-28183

Investigation of possible LTA craft application to solve national economy problems p 317 A83-28194

Integrated systems evaluated on F-15 p 322 A83-28700

Fleet planning models --- in airline operations p 318 A83-29967

Military potential of TiltRotor aircraft p 318 A83-29969

Determination of horizontal tail load and hinge moment characteristics from flight data --- on Learjet Model 55 Longhorn p 383 A83-30162

New life for the dragon lady --- U 2 aircraft design and production p 386 A83-32398

Flight tests verify predictions for F-20 p 386 A83-32475

Performance estimation for light propeller airplanes p 386 A83-32589

Performance flight testing --- Book p 433 A83-33621

Aircraft design philosophy I - Lee Begin of Northrop p 434 A83-35624

Preliminary investigation on the performance of regenerative turbofan with inter-cooled compressor and its influence to aircraft p 446 A83-35830

Propulsion system simulation technique for scaled wind tunnel model testing p 463 A83-35850

Simulator fidelity and flight test data - Improving the flight performance of the B-52H WST production unit flight station simulator [AIAA PAPER 83-1075] p 436 A83-36204

Development and application of a liquid-cooled V-8 piston engine for general aviation aircraft [AIAA PAPER 83-1342] p 455 A83-36347

Introducing the Rolls-Royce Tay [AIAA PAPER 83-1377] p 456 A83-36368

From new technology development to operational usefulness B-36, B-58, F-111/FB-111 [AIAA PAPER 83-1046] p 415 A83-36459

Variable sweep wing design [AIAA PAPER 83-1051] p 438 A83-36461

YAV-8B flight demonstration program [AIAA PAPER 83-1055] p 438 A83-36466

A technique to determine lift and drag polars in flight p 422 A83-36913

Configuration development of a research aircraft with post stall maneuverability p 439 A83-36915

Generalized maximum specific range performance p 439 A83-36918

New technologies for general aviation p 489 A83-37856

Re-engining the 737 [SAE PAPER 821442] p 518 A83-37990

Re-engining applications of T56 derivative engines [SAE PAPER 821444] p 518 A83-37992

V/STOL from the propulsion viewpoint (7th Sir Sydney Camm Memorial Lecture) p 535 A83-38869

Effect of buoyancy and power design parameters on hybrid airship performance [AIAA PAPER 83-1976] p 521 A83-38907

F-16XL - GD hatches a new Falcon p 526 A83-40621

JVX The world's first production tilt-rotor? p 526 A83-40622

US fighter options p 526 A83-40665

Frogfoot - A new Shurtumovik on trial p 595 A83-41320

Determination of aerodynamic parameters of a fighter airplane from flight data at high angles of attack [AIAA PAPER 83 2066] p 623 A83-41904

Applications of state estimation in aircraft flight-data analysis [AIAA PAPER 83-2087] p 596 A83-41919

The SKYEYE R-4E surveillance system p 601 A83-43705

The tasks and organization of the flight testing of airplanes and helicopters --- Russian book p 674 A83-43901

Aerodynamic aspects of aircraft dynamics at high angles of attack p 658 A83-43964

Optimum configuration for a 10-passenger business turbofan jet airplane p 675 A83-43967

Extracting the comprehensive characteristics in terms of similar parameters from flight test p 675 A83-44570

Designed to be stalled --- T-46A training aircraft p 676 A83-46349

F-16XL shows advances in range, nde p 676 A83-46924

Performance of a forward swept wing fighter utilizing thrust vectoring [AIAA PAPER 83-2482] p 727 A83-48344

Present status of flying qualities criteria for conventional aircraft --- military specifications transfer functions p 48 N83-10055

Lateral flying qualities of highly augmented fighter aircraft, volume 2 [AD-A118071] p 204 N83-12100

HP-41CV Flight Performance Advisory System (FPAS) for the E-2C, E-2B and C-2A aircraft [AD-A119580] p 156 N83-14118

Background information and user guide for MIL-F8785C, military specification, flying qualities of piloted airplanes [AD-A119421] p 156 N83-14120

A dive performance computer program [AD-A119407] p 156 N83-14121

Wind-tunnel studies of the effects of simulated damage on the aerodynamic characteristics of airplanes and missiles [NASA-TM-84588] p 138 N83-15266

The CF6 engine performance improvement [NASA-CR-165612] p 212 N83-16342

The JT9D Jet Engine Diagnostics Program [NASA-CR-167966] p 214 N83-17544

A system study for the application of microcomputers to research flight test techniques [NASA-CR 169869] p 305 N83-19487

BASIC Data Manipulation And Display System (BDMADS) [NASA-TM-83328] p 305 N83-19496

Augmentation of fighter-aircraft performance by spanwise blowing over the wing leading edge [NASA-TM-84330] p 315 N83-22159

Propeller mean slipstream computation Slipstream influence on aircraft performances [SNIAS-822 111-104] p 389 N83-23299

Experimental analysis of the performance of an annular peripheral jet vehicle in ground effect [AD-A124949] p 443 N83 26832

Mechanical and thermal effects on the transient and steady state component performance of gas turbines p 541 N83 29252

Approximate parametric method for propeller thrust estimation [ESDU-83001] p 664 N83-32769

The use of data items on aircraft performance estimation [ESDU-80026] p 677 N83-32787

Simplified forms of performance equations [ESDU-80032] p 677 N83-32788

Representation of drag in aircraft performance calculations [ESDU-81026] p 677 N83-32790

Acceleration factors for climb and descent rates at constant EAS, CAS, M [ESDU-81046] p 678 N83-32792

First approximation to take-off distance to 50 ft (15 2m) for light and general aviation airplanes [ESDU-82033] p 678 N83-32793

General aviation safety research issues [AD-A130074] p 722 N83-36015

Feasibility study of a procedure to detect and warn of low-level wind shear p 767 N83-36593

**AIRCRAFT PILOTS**

Piloted simulation of hover and transition of a vertical attitude takeoff and landing aircraft p 516 A83-37064

The legal status of the aircraft commander - Ups and downs of a controversial personality in international law p 708 A83-45842

Importance of topographic features and tactical annotations on maps used by Army aviators for nap-of-the-earth flight [AD-A118101] p 28 N83-11107

Application of coding methods in development of symbology for a computer generated topographic display for Army aviators [AD-A118142] p 38 N83-11124

A flight investigation of simulated data-link communications during single-pilot IFR flight Volume 2 Flight evaluations [NASA-CR-3653] p 146 N83-14098

Impact of ergonomic studies on the design of civil aircraft cockpits p 267 N83-20184

Ejection seat testing for females [AD-A122870] p 381 N83-23285

Theory underlying the peripheral vision horizon device [AD-A124426] p 445 N83-25710

Angle-of-attack feedback in manual aircraft control Piloting techniques and some flight training implications p 751 N83-34954

**AIRCRAFT PRODUCTION**

Plastic tooling for advanced composites p 222 A83-20481

Fabrication of aircraft components using prepried broadgoods layed-up in the flat and subsequently formed - Cost benefits and resource utilization enhancements p 241 A83-23602

Aviation system technology from the point of view of the aircraft manufacturer [DGLR PAPER 82-025] p 242 A83-24152

Pre-planned product improvement /P3I/ the T64-GE-418 derivative engine p 276 A83-24826

Changing the course of U.S. aviation p 371 A83-30830

High-technology factory of the future p 405 A83-31052

- Apache on the war path - The Hughes AH-64 in production at last p 385 A83-31939  
 AM-X - The export challenger with a foot in two continents p 385 A83-31940  
 New life for the dragon lady - U-2 aircraft design and production p 386 A83-32398  
 All-electric vs conventional aircraft - The production/operational aspects p 386 A83-32576  
 Comparison of properties of joints prepared by ultrasonic welding and other means p 406 A83-32586  
 Lasers in aircraft construction - Russian book p 472 A83-34170  
 SAAB-Fairchild 340 - Transatlantic frontrunner p 434 A83-35623  
 Aircraft production technology (2nd revised and enlarged edition) - Russian textbook p 415 A83-36443  
 Close-range photogrammetry for aircraft quality control p 558 A83-38347  
 New insights in structural design of composite rotor blades for helicopters p 525 A83-40287  
 B-1B manufacturing - Rockwell management plan saving costs, time p 490 A83-40331  
 B-1B manufacturing - General Electric F101 production nears p 490 A83-40332  
 B-1B manufacturing - Avco modifies prototype processes for production p 491 A83-40333  
 Aircraft crashworthiness and the manufacturer's tort liability in the United States p 707 A83-45808  
 Automatized bonding process for load-bearing aircraft cellular structural components in light contour systems p 709 A83-47198  
 Aircraft production and development schedules [AD-A118047] p 6 N83-11056  
 An analysis of the F-16 aircraft requirements generation process and its adverse impact on contractor rate capacity [AD-A123003] p 373 N83-23272  
 Composites in ground test services - aircraft manufacturing [BAE-KGT-N-GEN-00999] p 638 N83-31729
- AIRCRAFT PRODUCTION COSTS**  
 Will technology make the helicopter competitive p 204 A83-21574  
 Fabrication of aircraft components using preplied broadgoods layed-up in the flat and subsequently formed - Cost benefits and resource utilization enhancements p 241 A83-23602  
 The cost definition phase of a new commercial aircraft programme p 242 A83-24425  
 Structural members made of high-strength cast aluminum and their properties - and reduction of aircraft production costs p 468 A83-33954  
 High-strength aluminum high-quality casting alloy in aeronautics and astronautics p 468 A83-33955  
 A tubular braided composite main rotor blade spar p 435 A83-35949  
 The application of low-cost demonstrators for advanced fighter technology evaluation [AIAA PAPER 83-1052] p 438 A83-36462  
 A critical look at the development and application of airframe cost models [SAWE PAPER 1478] p 603 A83-43747  
 A comparison of Navy and contractor gas turbine acquisition cost p 743 A83-48001  
 [ASME PAPER 83-GT-198] Comparative cost of military aircraft - Fiction versus fact p 711 A83-48378  
 Impact of composites on fighter aircraft. II - Composites New look to the aircraft production line p 711 A83-48889  
 Economic effects of noise abatement regulations on the helicopter industry [AD-A127331] p 576 N83-30356
- AIRCRAFT RELIABILITY**  
 AEHP for advanced technology aircraft - Atmospheric Electricity Hazard Protection p 2 A83-11086  
 Integrated CNI avionics maximizes reliability - communications, navigation, and cooperative identification p 63 A83-11089  
 Air data systems for airplanes of the 1990's p 18 A83-11099  
 Reliability and maintainability aspects of a 'fleet' of prototype helicopters p 2 A83-12654  
 Existing time limit for overwater operations - Its validity p 189 A83-13170  
 Tentative principles of the evaluation of the airworthiness of aircraft of one-of-a-kind design p 182 A83-14623  
 The remanufacturers - of passenger aircraft p 127 A83-18075  
 Aircraft inspection using radiography p 185 A83-20478  
 Ground tests for obtaining the airworthiness certificate for an automatic terrain-following system [DGLR PAPER 82-040] p 253 A83-24164
- The reliability of aviation systems - Russian book p 299 A83-25621  
 Reliability of aircraft spines with or without a wear induction period [ASME PAPER 82-WA/DE-4] p 299 A83-25700  
 Development and testing of Skyskip 500 p 327 A83-28191  
 Benefits of mission profile testing p 405 A83-31481  
 A contribution to airworthiness certification of gas turbine disks p 449 A83-35872  
 Mathematical models of the acoustic properties of propellers p 458 A83-36792  
 A model for determining the reliability of an aircraft wing structure p 557 A83-37638  
 Durability and damage tolerance control plans for U S Air Force aircraft p 594 A83-41045  
 A summary of NASA/FAA experiments concerning helicopter IFR airworthiness criteria p 584 A83-41079  
 State space model concept for evaluating survivability methodologies for aircraft design p 598 A83-42567  
 Vector optimization applied to survivability methodology evaluation - for aircraft design p 651 A83-42568  
 Development of a mathematical model of a flight vehicle and the experimental verification of its reliability p 599 A83-42888  
 From aerostats to DC-10s - Recognition of certificates of airworthiness p 707 A83-45829  
 Certification of avionics systems, Proceedings of the Symposium, London, England, April 27, 1982 p 657 A83-45843  
 Military systems acceptance criteria - for digital avionics systems p 657 A83-45844  
 Flight clearance of the Jaguar fly by wire aircraft. I p 675 A83-45845  
 Flight clearance of the Jaguar-fly-by-wire aircraft. II p 687 A83-45846  
 Certification of digital systems for civil aircraft p 671 A83-45848  
 Helicopter avionics systems certification p 687 A83-45849  
 Certification of the Lockheed 1011-500 active control system p 687 A83-45850  
 Airplane reliability in a nutshell p 760 A83-47614  
 The purpose, the principles and the problems of fault tolerant systems - for aircraft gas turbine engines [ASME PAPER 83-GT-59] p 738 A83-47915  
 Airworthiness and flight characteristics test. Part 1 YAH-64 advanced attack helicopter [AD-A118490] p 193 N83-12075  
 Flight simulation test of National Aerospace Laboratory STOL-research-aircraft. Part 1 STOL configuration [NAL-TR-713-PT-1] p 207 N83-17528  
 Airworthiness and flight characteristics test. Part 2 YAH-64 advanced attack helicopter [AD-A125270] p 442 N83-25705  
 Airworthiness and Flight Characteristics test (A&FC) of AH-1S with Aircraft General Purpose Dispenser System (AGPDS) p 528 N83-29199  
 Airworthiness considerations p 636 N83-30537  
 The use of data items on aircraft performance estimation [ESDU-80026] p 677 N83-32787  
 Robust reconfiguration for high reliability and survivability for advanced aircraft p 688 N83-33898  
 NASA/FAA experiments concerning helicopter IFR airworthiness criteria [NASA-TM-84388] p 688 N83-33904  
 Advisory circular Certification of transport category rotorcraft [FAA-AC-29-2] p 721 N83-36011  
 Airworthiness and Flight Characteristics (AFC) test of YAH-64 advanced attack helicopter, Prototype Qualification Test-Government (PQT-G), part 3 and Production Validation Test-Government (PVT-G) for handbook verification [AD-A130524] p 734 N83-36025
- AIRCRAFT SAFETY**  
 Atmospheric electricity and air transport safety [ONERA, TP NO 1982-82] p 181 A83-14534  
 Engineering safety analysis via destructive numerical experiments p 215 A83-16198  
 Applications of Doppler radar to aviation operations - JAWS experiences [AIAA PAPER 83-0205] p 188 A83-16583  
 Electromagnetic environment simulation for TCAS avionics - Threat Alert and Collision Avoidance Systems p 141 A83-17304  
 Aerodynamic penalties of heavy rain on landing airplanes p 138 A83-18403  
 Safety requirements and trends in the passenger aircraft cabin area [DGLR PAPER 82-043] p 247 A83-24167  
 The AH-64 nitrogen inerting unit p 263 A83-25895  
 Radar detection of low level wind shear affecting aircraft terminal navigation p 322 A83-28784
- Improved fatigue life tracking procedures for Navy aircraft structures [AIAA 83-0805] p 334 A83-29807  
 Crashing for safety p 378 A83-31588  
 Airport pavement management - A total system [AIAA PAPER 83-1600] p 399 A83-33363  
 The influence of defects on the operational strength of disks and wheels in engines p 472 A83-33964  
 Development of airborne collision avoidance algorithms compatible with the national airspace system p 511 A83-37141  
 A collision avoidance tool for aircraft pilots p 512 A83-37142  
 Status of FAA crash dynamics program - Transport category aircraft [SAE PAPER 821483] p 507 A83-38002  
 Evaluation of advanced airplane fire extinguishants [AIAA PAPER 83-1141] p 508 A83-38076  
 Aircraft crashworthiness in the United States - Some legal and technical parameters p 572 A83-39044  
 Powder pack protection for aircraft dry bays p 585 A83-42558  
 Aviation gasoline - Issues and answers [SAE PAPER 830705] p 634 A83-43316  
 The missing element in wind shear protection [SAE PAPER 830715] p 627 A83-43325  
 Optimization of fire blocking layers for aircraft seating [SAWE PAPER 1468] p 585 A83-43742  
 General aviation safety - How safe? Its implication for flying and theory training p 667 A83-44878  
 Air safety - Enforcement of the Federal Aviation Regulations p 708 A83-45836  
 Enhanced aircraft structural maintenance using organic depot damage tolerance analysis [AIAA PAPER 83-2450] p 710 A83-48333  
 NOTAR - The viable alternative to a tail rotor [AIAA PAPER 83-2527] p 728 A83-48365  
 Ultralight aircraft safety and regulation p 719 A83-48885  
 Crash tests of four low-wing twin-engine airplanes with truss-reinforced fuselage structure [NASA-TP-2070] p 67 N83-10442  
 The optimization of aircraft seat cushion fire-blocking layers Full Scale Test description and results [NASA-CR-166418] p 16 N83-11097  
 Summary of Federal Aviation Administration responses to National Transportation Safety Board safety recommendations [AD-A118692] p 184 N83-12055  
 ARTS 2A design analysis [FAA-RD-82-54] p 187 N83-12064  
 National transportation safety p 184 N83-13080  
 Flying and design of aircraft [RAE-TRANS-2070] p 205 N83-16326  
 The influence of handling qualities, crashworthiness and other engineering factors on aircraft safety p 198 N83-17493  
 Advanced Ultra-Violet (UV) aircraft fire detection system Volume 1 System description and flight test [AD-A121253] p 198 N83-17526  
 A system study for the application of microcomputers to research flight test techniques [NASA-CR-169869] p 305 N83-19487  
 Advanced Ultra-Violet (UV) aircraft fire detection system Volume 2 System hardware design, software design, and test [AD-A121721] p 250 N83-19722  
 An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 1 Smoke [PB83-113522] p 251 N83-19727  
 An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 2 Rate of energy release in fire [PB83-113530] p 251 N83-19728  
 An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 4 Flammability tests [PB83-113548] p 251 N83-19729  
 An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 5 Some analyses of the post crash fire scenario [PB83-113555] p 251 N83-19730  
 Aircraft dynamic response to damaged and repaired runways [AD-A124111] p 267 N83-19747  
 Manufacture of a hot wire target element for a cloud liquid water content meter [AD-A122111] p 304 N83-20500  
 Demonstration Advanced Avionics System (DAAS) [NASA-CR-166281] p 334 N83-20941  
 FAA national airspace system plan [GPO-94-438] p 346 N83-20953

- Traffic Alert and Collision Avoidance System (TCAS) evaluation. Volume 2: Equipped threat phase and an assessment in an error-degraded environment [FAA-CT-82-52-VOL-2] p 325 N83-22178
- Fuel conservation and economy constraints p 362 N83-22179
- Fire resistant films for aircraft applications [NASA-TM-84337] p 352 N83-22320
- Crash injury protection in survivable air transport accidents: United States civil aircraft experience from 1970 through 1978 (incomplete) [FAA-CT-82-118] p 381 N83-24489
- Advanced Automation System (AAS) transition strategy [FAA-AP-83-1] p 382 N83-24493
- System description for automated radar terminal air traffic control system, ARTS 2 enhancements, revision A [FAA-PM-83-19-REV-A] p 382 N83-24494
- Summary Proceedings of a Wind Shear Workshop [NASA-CP-2270] p 410 N83-25265
- Runway surface condition sensor specification guide [AC-150/5220-13A] p 465 N83-25728
- Water survival: 20 years Canadian Forces aircrew experience [AD-A125401] p 509 N83-27969
- Factors influencing aircraft ground handling performance [NASA-TM-85652] p 527 N83-27979
- Extended moment arm anti-spin device [NASA-CASE-LAR-12979-1] p 505 N83-29173
- Modeling of the Mode S tracking system in support of aircraft safety research [NASA-CR-166486] p 510 N83-29186
- Advanced structures technology and aircraft safety [NASA-TM-85664] p 564 N83-29733
- Rain and deicing experiments in a wind tunnel [NASA-TM-77077] p 582 N83-30394
- Longitudinal flying qualities criteria for single-pilot instrument flight operations [NASA-CR-166084] p 606 N83-30407
- Limited artificial and natural icing test of the OV-10 (re-evaluation) [AD-A127191] p 606 N83-30410
- A realistic approach to aircraft lightning protection p 586 N83-31190
- Recent lightning induced voltage test technique investigations p 646 N83-31194
- The effects of new technology trends on aircraft lightning vulnerability and the capability to identify technology deficiencies p 586 N83-31207
- Crash tests of three identical low-wing single-engine airplane [NASA-TP-2190] p 720 N83-34921
- The NASA Aviation Safety Reporting System [NASA-TM-84339] p 721 N83-34923
- Assessment of correlations between laboratory and full-scale experiments for the FAA (Federal Aviation Administration) Aircraft Fire Safety Program Part 6: Reduced-scale modeling of compartments at atmosphere pressure [PB83-193052] p 721 N83-34927
- The effectiveness of the Civil Aviation Security Program [AD-A128687] p 721 N83-36013
- General aviation safety research issues [AD-A130074] p 722 N83-36015
- A model for nocturnal frost formation on a wing section: Aircraft takeoff performance penalties [NASA-CR-3733] p 768 N83-36598
- AIRCRAFT SPECIFICATIONS**
- Blackjack - Soviet B-1 or better p 192 A83-16373
- Dash 8 - Canada's new commuter p 328 A83-29675
- CF34 upgrades Challenger capabilities p 434 A83-35315
- Dashing ahead in commuterliners p 519 A83-38470
- Suggested changes in large aircraft flying qualities criteria [AIAA PAPER 83-2071] p 624 A83-41908
- Background information and user guide for MIL-F-8785C, military specification, flying qualities of piloted airplanes [AD-A119421] p 156 N83-14120
- AIRCRAFT SPIN**
- An evaluation of aerodynamics modeling of spinning light airplanes [AIAA PAPER 83-0368] p 169 A83-17922
- Autototation --- in fluid dynamics p 374 A83-31079
- F/A-18 high angle of attack departure resistant criteria for control law development [AIAA PAPER 83-2126] p 626 A83-41950
- Wing modification for increased spin resistance [SAE PAPER 830720] p 627 A83-43327
- Estimation of parameters involved in high angle-of-attack aerodynamic theory using spin flight test data [AIAA PAPER 83-2086] p 627 A83-43809
- A system study for the application of microcomputers to research flight test techniques [NASA-CR-169869] p 305 N83-19487
- F-14 rotary balance tests for an angle-of-attack range of 0 deg to 90 deg [AD-A124468] p 441 N83-25700
- Pilot human factors in stall/spin accidents of supersonic fighter aircraft [NASA-TM-84348] p 462 N83-26846
- Extended moment arm anti-spin device [NASA-CASE-LAR-12979-1] p 505 N83-29173
- Aspects of correlation in the identification of dynamic effects from complementary techniques: Evolution at high angles [NASA-CR-12979-1] p 628 N83-30375
- Dual towline anti-spin device --- for flight tests [NASA-CASE-LAR-13076-1] p 733 N83-34834
- AIRCRAFT STABILITY**
- VTOL aircraft stability p 45 A83-10577
- Application of model reference adaptive control to a relaxed static stability transport aircraft p 46 A83-11209
- A-10 stall/post-stall testing - A status update p 47 A83-11808
- F-16 Hornet high angle of attack /AOA/ program p 47 A83-11809
- Application of matrix singular value properties for evaluating gain and phase margins of multiloop systems --- stability margins for wing flutter suppression and drone lateral attitude control p 72 A83-12457
- A new concept for aircraft dynamic stability testing p 203 A83-15310
- Effects of control saturation on the command response of statically unstable aircraft [AIAA PAPER 83-0065] p 168 A83-16497
- Active control of a relaxed-static-stability airplane using a discrete model following technique [AIAA PAPER 83-0279] p 168 A83-16624
- Estimating roll coupling instability for highly augmented aircraft [AIAA PAPER 83-0368] p 169 A83-16673
- Stability of steady sideslip equilibria for high alpha --- supersonic fighter aircraft p 284 A83-24031
- Increasing flight safety under shear wind conditions by modifying thrust regulation systems and existing cockpit instrumentation [DGLR PAPER 82-033] p 284 A83-24159
- Control characteristics of a buoyant quad-rotor research aircraft p 262 A83-24430
- Study on longitudinal dynamic characteristics of pilot-airplane system - Approach to the method for studying PIO problem --- Pilot-Induced Oscillation p 287 A83-26782
- Development and validation of the V/STOL aerodynamics and stability and control manual p 312 A83-29020
- Airplane model structure determination from flight data p 340 A83-29023
- Near-real-time flutter boundary prediction from turbulence excited response [AIAA 83-0814] p 356 A83-29814
- Calculation of fundamental aerodynamic derivatives of aircraft II p 373 A83-30516
- Stability study of a tilt-rotor aircraft model p 384 A83-31172
- Dynamic stability of a flight vehicle near a perturbed surface p 396 A83-33008
- The corkscrew phenomenon on the prototype of the Epsilon --- training aircraft for French airforce [AAAF PAPER NT-82-15] p 396 A83-33168
- Using adaptive control to synthesize invariant and partially autonomous automatic stabilization systems p 460 A83-33900
- Application of maximum likelihood estimation to the identification of the stability derivatives of a wide body transport aircraft p 460 A83-35121
- In-flight simulation at the U.S. Air Force and Naval Test Pilot Schools [AIAA PAPER 83-1078] p 436 A83-36206
- Stability of aircraft motion in critical cases p 544 A83-37066
- Bifurcation and limit cycle analysis of nonlinear systems with an application to aircraft at high angles of attack p 544 A83-37080
- High angle-of-attack flight dynamics of a forward-swept wing fighter configuration [AIAA PAPER 83-1837] p 544 A83-38666
- Thrust reverser effects on the tail surface aerodynamics of an F 18 type configuration [AIAA PAPER 83-1860] p 500 A83-38887
- Wind tunnel evaluation of tactical aircraft stability and control as affected by nozzle thrust reverser parameter variations [AIAA PAPER 83-1228] p 545 A83-39103
- An application of parameter identification to the oscillatory motion of an airplane at high C(L) [AIAA PAPER 83-2067] p 623 A83-41905
- Coupled static stability analysis for nonlinear aerodynamics [AIAA PAPER 83-2069] p 623 A83-41906
- Divergence suppression system for a forward swept wing configuration with wing-mounted stores [AIAA PAPER 83-2125] p 625 A83-41949
- Aerodynamic aspects of aircraft dynamics at high angles of attack p 658 A83-43964
- Ground simulation investigation of helicopter decelerating instrument approaches p 668 A83-45461
- The method of pole displacement in the artificial stabilization of dynamic systems p 705 A83-46500
- Conceptual kinematic design using homogeneous coordinate transformations [AIAA PAPER 83-2460] p 766 A83-48337
- A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 1: Technical discussion and results [NASA-TM-84258-PT-1] p 48 N83-10049
- Digital calculation of the propagation in time of the aircraft soft response covariance matrix [VTH-LR-266] p 48 N83-10053
- Low-speed aerodynamic characteristics of a transport configuration having a 42 deg swept supercritical airfoil wing and three tail height positions [NASA-TM-X-3149] p 32 N83-11115
- Aircraft with reduced longitudinal stability [BMFT-FB-W-82-004] p 53 N83-11145
- A contribution to the investigation of the dynamic behavior of a controlled aircraft under wind shear conditions [TUBS/FB-80-07-01] p 205 N83-13118
- Influence of configuration components of statically unstable combat aircraft on the aerodynamic design for high angle-of-attack p 245 N83-16694
- Evaluation of Iroquois UH-1B stability and control [AD-A122302] p 289 N83-19760
- Augmentation of fighter-aircraft performance by spanwise blowing over the wing leading edge [NASA-TM-84330] p 315 N83-22159
- The Epsilon prototype corkscrew phenomenon [SNIAS-822-111-101] p 376 N83-23279
- Stability and control of a supersonic transport airplane during landing approach [NASA-TM-84659] p 396 N83-23317
- Experimental testing of flying qualities theorems [AD-A124699] p 440 N83-25697
- Determination of stability and control parameters of a general aviation airplane from flight data [NASA-TM-84635] p 461 N83-26844
- NASA/FAA experiments concerning helicopter IFR airworthiness criteria [NASA-TM-84388] p 688 N83-33904
- AIRCRAFT STRUCTURES**
- Materials for the manufacture of aircraft instruments and structures --- Russian book p 58 A83-10466
- The Avdel MBC aerospace blind riveting system p 62 A83-10870
- Optimization of aircraft structures p 64 A83-11857
- Water-displacing organic corrosion inhibitors - Their effect on the fatigue characteristics of aluminum alloy bolted joints p 59 A83-12014
- USAF studying techniques to restore windshields p 2 A83-12324
- Anisotropic beam theory and applications p 65 A83-12756
- The impact of composite technology on commercial transport aircraft p 30 A83-12969
- The Canadair challenger advanced composite material program p 60 A83-12971
- Prediction capability and improvements of the numerical notch analysis for fatigue loaded aircraft and automotive components p 213 A83-13907
- Principles of helicopter design and construction --- Serbo-Croatian book p 189 A83-14042
- Problems of the statics and dynamics of modern engineering structures - Current status and prospects p 213 A83-14726
- Develop in-flight acoustic emission monitoring of aircraft to detect fatigue crack growth p 195 A83-15197
- Establishing signal processing and pattern recognition techniques for inflight discrimination between crack-growth acoustic emission and other acoustic waveforms p 214 A83-15198
- Design for global damage tolerance and associated mass penalties p 214 A83-15321
- A program system for dynamic analysis of aeronautical structures /HAJIF-II/ p 215 A83-15545
- An evaluation of fretting at small slip amplitudes p 177 A83-17254
- The remanufacturers --- of passenger aircraft p 127 A83-18075
- Fatigue sensitivity of composite structure for fighter aircraft p 152 A83-18402

- icing analysis of an unprotected aircraft radome p 188 A83-18413
- The analysis of operational stresses --- on aircraft during flight p 181 A83-18596
- Effect of moisture on adhesively bonded titanium structures p 222 A83-20442
- Aircraft inspection using radiography p 185 A83-20478
- Primary bonded aircraft wing construction p 186 A83-20493
- Electrical discharge machining of aluminum honeycomb core p 229 A83-20500
- Analysis and repair of flaws in thick structures p 230 A83-21654
- Damage tolerance assessment of the A-7D aircraft structure p 204 A83-21771
- Progress in the practical applications of fracture mechanics p 230 A83-21796
- An improved methodology for predicting random spectrum load interaction effects on fatigue crack growth p 224 A83-21802
- Sonic fatigue of advanced composite panels in thermal environments p 224 A83-22166
- Eddy current impedance plane analysis p 231 A83-22410
- Initial design of stringer stiffened bend boxes using geometric programming p 232 A83-23149
- Application of the matrix method of forces for the calculation of aircraft structures p 232 A83-23221
- The simulation of fatigue loads in aeronautics p 219 A83-23241
- The design of bonded structure repairs p 297 A83-23329
- Strain measurement of acoustically excited aircraft structures at elevated temperatures p 297 A83-23366
- Sealants - Uses in composite structures p 293 A83-23615
- Advanced composites structures at Hughes Helicopters, Inc p 260 A83-23645
- Developmental trends in helicopter design [DGLR PAPER 82-085] p 262 A83-24179
- Impact-resistant transparencies for marine service --- windscreens for aircraft [ASME PAPER 82-WA/OCE-4] p 295 A83-25686
- 'Scaling' analysis of the ice accretion process on aircraft surfaces [ASME PAPER 82-WA/HT-39] p 248 A83-25693
- Noise transmission characteristics of advanced composite structural materials [AIAA PAPER 83-0694] p 306 A83-25915
- Statistical determination of a flaw detection probability curve p 300 A83-26763
- Multi-level substructural analysis in modal synthesis - Two improved substructural assembling techniques p 300 A83-26764
- Application of laser holographic interferometry to vibration analysis of aircraft beam structure model p 300 A83-26765
- An analysis of the durability characteristics of aircraft structures on the basis of fracture mechanics p 354 A83-28477
- The effect of anisotropy, thickness, and operating time on the crack growth in pressed and rolled products of D16chT and V95pChT1 alloys p 350 A83-28478
- An alternating method for analysis of surface-flawed aircraft structural components p 354 A83-28966
- On an algorithm for solving the incomplete eigenvalue problem in the vibration analysis of complex structures of fuselage type p 354 A83-29278
- The use of multiple coordinate systems to form stiffness matrices of thin walled structures on the basis of hybrid computational schemes p 354 A83-29283
- Helicopter flight testing, simulation and real-time analysis p 328 A83-29391
- Reproducible processing and reliable repeatability in carbon fibre composites p 350 A83-29715
- Improved damage-tolerance analysis methodology [AIAA 83-0863] p 355 A83-29751
- Design, fabrication and test of graphite/polyimide composite joints and attachments [AIAA 83-0907] p 355 A83-29763
- A building block approach to design verification testing of primary composite structure [AIAA 83-0947] p 356 A83-29775
- Design for prevention of acoustic fatigue --- of aircraft structures [AIAA 83-0973] p 329 A83-29782
- Improved fatigue life tracking procedures for Navy aircraft structures [AIAA 83-0805] p 334 A83-29807
- Anti-flutter control concept using a reduced non-linear dynamic model of elastic structure aircraft [AIAA 83-0993] p 341 A83-29870
- Large amplitude multimode response of clamped rectangular panels to acoustic excitation [AIAA 83-1033] p 358 A83-29879
- Experimental verification of properties of S-N fatigue life gages for the purpose of a use of the gages as indicators of the relative severity of operating conditions p 398 A83-30514
- Composite materials applications in the manufacture of helicopters - Design and problems of helicopters p 385 A83-31622
- Engineering property comparisons of 7050-T73651, 7010-T7651 and 7010-T73651 aluminium alloy plate p 403 A83-32340
- Material, structural component, service life --- of aircraft construction materials p 468 A83-33953
- Structural members made of high-strength cast aluminum and their properties --- and reduction of aircraft production costs p 468 A83-33954
- Light aircraft and sailplane structures in reinforced plastics p 435 A83-36065
- On the formulation of the finite-element method in heat-conduction problems for aircraft structures p 556 A83-37515
- The effect of stringers on the stress-strain state near a hole or crack in an anisotropic plate p 556 A83-37516
- Analytical control of the shape of the polygons used in the finite-element method p 557 A83-37644
- Manufacturing methods for composite graphite hole generation [SAE PAPER 821418] p 557 A83-37976
- Composite materials in aircraft structures p 551 A83-40130
- The comparison of the results of service-spectrum tests with the help of the relative Miner rule -- fatigue life analysis of aircraft structures p 559 A83-40471
- Numerical analysis of natural, coupled, longitudinal-lateral vibrations of an asymmetric aeroplane p 641 A83-42334
- Residual strength predictions for ballistically damaged aircraft p 641 A83-42540
- Undetectable critical defects in safety-of-flight structure p 641 A83-42544
- Universities - Have they a role in aeronautical research? Structures and materials p 642 A83-42618
- Development of a mathematical model of a flight vehicle and the experimental verification of its reliability p 599 A83-42888
- Observations of severe in-flight environments on airplane composite structural components p 600 A83-43330
- Three theorems of weight characteristics of statically determinate and indeterminate structures and their application p 643 A83-43691
- Bonded aluminum honeycomb - Aircraft flight surface primary structure application p 675 A83-43972
- Pulsed holographic nondestructive testing on aircraft p 695 A83-44828
- Annual Airline Plating and Metal Finishing Forum, 18th, Orlando, FL, March 16-18, 1982, Proceedings p 695 A83-45863
- Composites in commercial aircraft p 692 A83-46281
- Safe structures for future aircraft p 676 A83-46350
- Detection of cracks under installed fasteners in aircraft structures p 697 A83-46769
- Automated riveter for spherical aircraft cell structures p 709 A83-47182
- Automatized bonding process for load bearing aircraft cellular structural components in light contour systems p 709 A83-47198
- Advanced lightweight, fire retardant floor paneling for aircraft [AIAA PAPER 83-2442] p 726 A83-48330
- A new approach to fault-tolerant helicopter swashplate control [AIAA PAPER 83-2485] p 750 A83-48345
- Depot level reparability, maintainability, and supportability of advanced composites [AIAA PAPER 83-2516] p 728 A83-48360
- Strength-flutter structural optimization of a supersonic cruise combat aircraft p 730 A83-49190
- The effect of damage in structural elements on the ground resonance of a helicopter p 731 A83-49446
- Analysis of subcritical response measurements from aircraft flutter tests p 52 A83-10269
- Calculation of the lift distribution and aerodynamic derivatives of quasi-static elastic aircraft p 10 A83-11036
- Aircraft surface coatings study Verification of selected materials [NASA-CR-159288] p 61 A83-11331
- Flightweight radiantly and actively cooled panel Thermal and structural performance [NASA-TP 2074] p 68 A83-11513
- Practical applications of fracture mechanics in aircraft and aerospace structural problems [AD-A118321] p 68 A83-11520
- Application of advanced technologies to small, short-haul transport aircraft (STAT) [NASA-CR-152362] p 192 A83-12072
- Advanced Materials Technology [NASA-CP-2251] p 210 A83-12147
- Opportunities for composites in composite aircraft structures p 210 A83-12148
- Multi point excitation ground resonance test facility at British Aerospace Warton [BAE-TN-5411] p 209 A83-13128
- Development of lightweight, fire retardant, low smoke, thermally stable, high strength floor paneling Passenger floor panels [NASA-CR-167770] p 212 A83-13174
- Effects of simulated lightning on composite and metallic joints [NASA-TM-84554] p 177 A83-14170
- A model for prediction bird and ice impact loads on structures [AD-A119408] p 184 A83-14543
- Study of the damping characteristics of general aviation aircraft panels and development of computer programs to calculate the effectiveness of interior noise control treatment, part 1 [NASA-CR-169534] p 190 A83-15043
- Composite structural materials [NASA-CR-169859] p 226 A83-17597
- Application of a systematic finite-element model modification technique to dynamic analysis of structures [NASA-TM-83292] p 301 A83-18124
- Development of fracture mechanics concepts applicable to aircraft structures [AD-A121900] p 302 A83-19135
- Aircraft canopy lock [NASA-CASE-FRC-11065-1] p 266 A83-19737
- Determination of airplane model structure from flight data using splines and stepwise regression [NASA-TP-2128] p 288 A83-19758
- Fire resistant films for aircraft applications [NASA-TM-84337] p 352 A83-22320
- Aeronautical structures technology study Annotated briefing report [AD-A123064] p 389 A83-23300
- Flow control about an airborne laser turret [AD-A123056] p 407 A83-23595
- Advanced manufacturing development of a composite empennage component for L-1011 aircraft [NASA-CR-172657] p 440 A83-25694
- Aircraft equipment random vibration test criteria based on vibrations induced by turbulent airflow across aircraft external surfaces [AD-A123281] p 440 A83-25696
- Evaluation of low-cost aluminum composites for aircraft engine structural applications [NASA-TM-83357] p 470 A83-25790
- A parametric study of surface imperfections and small cutouts in a composite panel [AD-A124739] p 470 A83-25793
- Composite material aircraft electromagnetic properties and design guidelines [AD-A124016] p 470 A83-25795
- Adaptation of pultrusion to the manufacture of helicopter components [AD-A126291] p 491 A83-29171
- Dynamic structural aeroelastic stability testing of the XV-15 tilt rotor research aircraft p 628 A83-30376
- Ground and flight test techniques used for proof of structural integrity of the Tornado combat aircraft p 605 A83-30377
- Advanced manufacturing development of a composite empennage component for L-1011 aircraft Phase 2 Design and analysis [NASA-CR-165634] p 605 A83-30404
- Lectures on Composite Materials for Aircraft Structures [ARL/STRUC-REPT-394] p 635 A83-30523
- Introduction to Lectures on Composite Materials for Aircraft Structures p 635 A83-30524
- Component form and manufacture p 635 A83-30529
- Joining advanced fibre composites p 636 A83-30531
- Environmental effects and durability p 636 A83-30532
- Damage tolerance of fibre composite laminates p 636 A83-30533
- NDI of fibre reinforced composite materials p 636 A83-30534
- Repair of graphite/epoxy composites p 636 A83-30535
- Aircraft applications p 636 A83-30536
- Airworthiness considerations p 636 A83-30537
- Active vibration control of large flexible structures p 644 A83-30729

## SUBJECT INDEX

Eighth International Aerospace and Ground Conference on Lightning and Static Electricity Lightning Technology Roundup [FAA-CT-83-25] p 649 N83-31163

Electric charging by impact of hailstones and raindrops p 649 N83-31231

Standard tests for toughened resin composites, revised edition [NASA-RP-1092 REV] p 638 N83-31730

Structures and Dynamics Division Research and technology plans for FY 1983 and accomplishments for FY 1982 [NASA-TM-85661] p 648 N83-32095

The biparametric cycle count method and the principle of simplification p 698 N83-32730

Damage tolerance --- of aircraft [SNIAS-831-551-103] p 679 N83-32800

The role of a fatigue damage accumulation plot in structural loads data analysis --- for aircraft [RAE-TR-82125] p 700 N83-33214

Fatigue crack growth of corner cracks in lug specimens [VTH-LR-375] p 700 N83-33234

Failure Analysis and Mechanisms of Failure of Fibrous Composite Structures [NASA-CP-2278] p 693 N83-33957

Commercial transport aircraft composite structures p 693 N83-33958

A preliminary damage tolerance methodology for composite structures p 693 N83-33959

Design and analysis of composite structures with stress concentrations p 693 N83-33960

Safe-life and damage-tolerant design approaches for helicopter structures p 693 N83-33961

Failure mechanisms p 693 N83-33962

Use of small crack data to bring about and quantify improvements to aircraft structural integrity p 680 N83-34099

A study of small crack growth under transport spectrum loading p 701 N83-34108

Review of investigations of aeronautical fatigue in the Federal Republic of Germany [LBF-S-166] p 703 N83-34387

Construction of a natural environment aging machine with independent energy supply, for load cycles on aircraft structures [SNIAS 831 551-101] p 765 N83-35426

**AIRCRAFT SURVIVABILITY**

Combat survivability with advanced aircraft propulsion development p 28 N83-10179

Computer models for determining countermeasures effectiveness of expendables in air-to-air engagements p 70 N83-11162

Maximizing survivability and effectiveness of air-to-ground gunnery using a moveable gun p 21 N83-11192

State space model concept for evaluating survivability methodologies for aircraft design p 598 N83-42567

Vector optimization applied to survivability methodology evaluation --- for aircraft design p 651 N83-42568

Development of low cost RPVs under Indian conditions p 600 N83-43701

Analysis of aircraft dynamic behavior in a crash environment p 674 N83-43966

Propulsion system screening for survivability and effectiveness [ASME PAPER 83-GT 200] p 743 N83-48003

Correlation of flight test and analytic M-on-N air combat exchange ratios -- Many-on-Many p 710 N83-48219

Application of output predictive algorithm control to a terrain following aircraft system [AD-A118038] p 27 N83-11105

Survivability of interdiction aircraft Sensitivity to terrain following, command altitude, velocity and electronic counter measures [AD-A124870] p 443 N83-26833

Expansion of the scan endgame program for aircraft survivability studies and development of a supporting user's guide [AD-A127557] p 608 N83-31598

Restructurable Controls [NASA-CP-2277] p 688 N83-33896

Robust reconfiguration for high reliability and survivability for advanced aircraft p 688 N83-33898

**AIRCRAFT TIRES**

Recent aircraft tire thermal studies [SAE PAPER 821392] p 517 N83-37968

FOD hazard from tire-lofted debris --- Foreign Object Damage p 585 N83-42557

The durability of aircraft tires p 692 N83-44879

On-board weight and center-of-gravity measurement system with tire-pressure monitoring p 725 N83-47216

Service evaluation of airborne tire pressure indicating systems [DOT/FAA/RD-82/89] p 331 N83-20934

Application of tire dynamics to aircraft landing gear design analysis p 359 N83-21394

Braking of an aircraft tire on grooved and porous asphaltic concrete [FAA-CT-82-147] p 360 N83-22593

Factors influencing aircraft ground handling performance [NASA-TM-85652] p 527 N83-27979

**AIRCRAFT WAKES**

Evolution of aircraft trailing vortices in a stratified fluid [AIAA PAPER 83-0564] p 134 N83-16792

NASA arial applications wake interaction research --- particle trajectories in aircraft induced wakes p 317 N83-28899

A version of a single beam laser time-of-flight method for measuring flight velocity p 557 N83-37642

Wake characteristics and interactions of the canard/wing lifting surface configuration of the X-29 forward-swept wing flight demonstrator [AIAA PAPER 83 1835] p 499 N83-38664

Measurements of an aircraft wake vortex system using a meteorological tower p 565 N83-38751

Motion of aircraft trailing vortices near the ground [AIAA PAPER 83 2130] p 579 N83-41953

The calculation of two-dimensional transonic flow over aerofoils including boundary layer and wake effects [SAE PAPER 830708] p 580 N83-43318

NASA wake interactions research and applications [SAE PAPER 830764] p 580 N83-43329

Measurements in the wake of an infinite swept airfoil [NASA-CR-169464] p 13 N83-11086

An investigation of the aerodynamic characteristics of a new general aviation airfoil in flight [NASA-CR-169477] p 179 N83-12046

Measurement of wake interactions of a canard and a forward swept wing [AD-A118756] p 180 N83-12053

Air Force Academy Aeronautics Digest, Fall/Winter, 1981 [AD-A119168] p 176 N83-13066

Chicago Monostatic Acoustic Vortex Sensing System Volume 4 Wake vortex decay [AD-A120081] p 138 N83-15269

Flow visualization of the wake of a transport aircraft model with lateral-control oscillations [NASA-TM 84623] p 491 N83-27951

Numerical optimization techniques for bound circulation distribution for minimum induced drag of Nonplanar wings Computer program documentation [NASA-CR-3458] p 581 N83-30385

**AIRDROPS**

C-141 operations in Operation Bright Star 82 p 317 N83-29203

**AIRFIELD SURFACE MOVEMENTS**

Transient response of taxiing aircraft [AIAA 83-0927] p 329 N83-29853

Time-of-day corrections in measures of aircraft noise exposure p 411 N83-33024

Planning intra airport transportation - A framework for decision making [AIAA PAPER 83-1585] p 399 N83-33356

Guidance control systems for aircraft on airport surfaces [AIAA PAPER 83 1579] p 429 N83-36953

TALIS - A proposed system for taxiway control -- Taxiing Aircraft Location and Identification System p 513 N83-38934

Airport landside operations and air service [PB82-235946] p 218 N83-13320

Aircraft Dynamic Response to Damaged and Repaired Runways [AGARD-CP-326] p 157 N83-15284

The HAVE BOUNCE Program p 157 N83-15291

Influence of mathematic modelling of undercarriages on the prediction of aircraft loads due to damaged and repaired runways p 157 N83-15292

A method for the numerical simulation of an aircraft undercarriage system p 176 N83-15295

The problem of design criteria for aircraft loads due to rough runway operation p 158 N83-15298

A fighter landing gear for the 1980's p 158 N83-15301

Multiplication effects due to wages, salaries and commissions paid at the airport [FACHTHEMEN-4] p 400 N83-23323

**AIRFOIL FENCES**

Design of the leading edge of a delta wing [AD-A117469] p 31 N83-10036

**AIRFOIL PROFILES**

An oscillating ng for the generation of sinusoidal flows p 56 N83-12008

Experimental investigation on film cooling of a gas turbine blade p 199 N83-13346

Calculation method for transonic separated flows over airfoils including spoiler effects [ONERA, TP NO 1982-66] p 177 N83-14526

## AIRFOIL PROFILES

Analytical profiling of turbine blades p 200 N83-16010

Influence of multidroplet size distribution on icing collection efficiency [AIAA PAPER 83-0110] p 188 N83-16526

A multigrid method for the Euler equations [AIAA PAPER 83-0124] p 131 N83-16537

A multi-grid method for the computation of viscid/inviscid interactions on airfoils [AIAA PAPER 83-0234] p 132 N83-16602

Laser holographic interferometry for an unsteady airfoil in dynamic stall [AIAA PAPER 83-0388] p 179 N83-16688

Studies of aerofoils and blade tips for helicopters p 135 N83-17317

Development of four profiles for an experimental propeller in the performance class of 750 PS [DGLR PAPER 82-067] p 243 N83-24181

On the application of linearized theory to multi-element aerofoils I Tandem flat plate aerofoils p 312 N83-27874

Instantaneous turbulence profiles in the wake of an oscillating airfoil p 312 N83-28951

The coupled aeroelastic response of turbomachinery blading to aerodynamic excitations [AIAA 83-0844] p 357 N83-29822

Airfoil shape and thickness effects on transonic airflows and flutter [AIAA 83-0959] p 329 N83-29860

Computational fluid dynamics of airfoils and wings p 313 N83-29927

Development of two airfoil sections for helicopter rotor blades p 374 N83-31623

Experiment of a shockless transonic airfoil partially modified from an arbitrary airfoil p 374 N83-32514

A new facility and technique for two dimensional aerodynamic testing p 398 N83-32585

A three degree-of-freedom, typical section flutter analysis using harmonic transonic air forces [AIAA PAPER 83-0980] p 406 N83-32797

Comparison of NACA 6-series and 4-digit airfoils for Darrieus wind turbines p 564 N83-38013

Aerodynamic characteristics of a circulation controlled elliptical airfoil with blown jets [AIAA PAPER 83-1794] p 497 N83-38633

A multiple separation model for multielement airfoils [AIAA PAPER 83-1844] p 499 N83-38672

The combination of a geometry generator with transonic design and analysis algorithms [AIAA PAPER 83-1862] p 500 N83-38689

Theoretical gust response prediction of a Joukowski airfoil p 580 N83-42536

Circulation-controlled elliptical airfoil p 580 N83-42537

Design of transonic shock free airfoil p 660 N83-44572

Combined four wall interference assessment in two-dimensional airfoil tests p 689 N83-45576

Experiments on a flow with swept separation and reattachment of a boundary layer p 697 N83-47020

Drag of wings with cambered airfoils and partial leading edge suction p 716 N83-48220

Investigation of the unsteady airloads on airfoils with oscillating control in sub- and transonic flows p 717 N83-49180

Structural optimization with aeroelastic constraints - A survey of US applications p 764 N83-49188

Noise generated by airfoil profiles placed in a uniform laminar flow p 769 N83-49463

Aerodynamic characteristics of an 11 percent-thick symmetrical supercritical airfoil at Mach numbers between 0.30 and 0.85 [NASA TM-X-1831] p 13 N83-11084

An experimental study of dynamic stall on advanced airfoil section Volume 2 Pressure and force data [NASA-TM-84245-VOL-2] p 179 N83-12048

Low speed aerodynamic characteristics of a 17-percent-thick medium speed airfoil designed for general aviation applications [NASA-TP-1786] p 191 N83-16290

An investigation and comparison of the aerodynamic performance of selected hang-glider airfoil sections [BU-276] p 192 N83-16305

A study of the flow around a slotted flap end [BU-279] p 192 N83-16306

Turbine engine fuel conservation by fan and compressor profile control p 213 N83-17467

Studies of aerofoils and blade tips for helicopters p 193 N83-17473

Introduction to film cooling, three dimensional film cooling, curvature effects and film cooling p 301 N83-18731

Cooling of gas turbine blades p 282 N83-18735

Some characteristic quantities of Karman-Trefftz profiles [NASA TM-77013] p 314 N83-20915

- Computer programs for generation and evaluation of near-optimum vertical flight profiles  
[NASA-CR-3688] p 389 N83-24500
- Experimental investigation of a 10-percent-thick helicopter rotor airfoil section designed with a viscous transonic analysis code  
[NASA-TP-1864] p 582 N83-30389
- A catalog of low Reynolds number airfoil data for wind turbine applications  
[RFP-3387] p 665 N83-32772
- ### AIRFOILS
- The far field of an airfoil p 7 A83-10573
- Helicopter rotor performance evaluation using oscillatory airfoil data p 177 A83-13172
- Experiments on the role of amplitude and phase modulations during transition to turbulence p 213 A83-14576
- Explicit and implicit corrected viscosity schemes for the computation of steady transonic flows p 177 A83-14608
- The use of an error index to improve numerical solutions for unsteady lifting airfoils p 178 A83-15281
- Vibration of airfoils in sinusoidal oblique gust  
[AIAA PAPER 83-0005] p 129 A83-16457
- The performance of a circulation control airfoil at transonic speeds  
[AIAA PAPER 83-0083] p 130 A83-16510
- On the transonic aerodynamic characteristics of 10 percent thick airfoils with a plain flap  
[AIAA PAPER 83-0091] p 130 A83-16515
- An analytical evaluation of the icing properties of several low and medium speed airfoils  
[AIAA PAPER 83-0109] p 131 A83-16525
- Measurements of the near wake of an airfoil in unsteady flow  
[AIAA PAPER 83-0127] p 131 A83-16540
- Unsteady flow separation and attachment induced by pitching airfoils  
[AIAA PAPER 83-0131] p 131 A83-16544
- Flow over flat and axisymmetric bodies moving at high variable velocities p 135 A83-17413
- The transonic wind tunnel Braunschweig DFVLR p 217 A83-19663
- Airfoil self noise - Effect of scale  
[AIAA PAPER 83-0785] p 307 A83-25966
- Flutter analysis of a transport wing using XTRAN3S  
[AIAA 83-0922] p 357 A83-29848
- Transonic interference effects in testing of oscillating airfoils  
[AIAA 83-1032] p 313 A83-29883
- Numerical solutions for unsteady aeroflows using internal singularity distributions p 313 A83-29971
- Low-Reynolds-number airfoils p 374 A83-31082
- Numerical simulation of airfoil ice accretion  
[AIAA PAPER 83-0112] p 428 A83-36042
- Prediction of stagnation flow heat transfer on turbomachinery airfoils  
[AIAA PAPER 83-1173] p 420 A83-36259
- Natural laminar flow data from full-scale flight and wind-tunnel experiments p 422 A83-36409
- Finite-difference simulation of transonic separated flow using a full potential boundary layer interaction approach  
[AIAA PAPER 83-1689] p 555 A83-37189
- Experimental research on cavitation erosion for an oscillating wing profile --- German thesis p 556 A83-37497
- On the accuracy of calculating the aerodynamic characteristics of thin wings and airfoils by the method of discrete vortices p 493 A83-37519
- The effect of slot suction on the aerodynamic characteristics of an airfoil at transonic velocities p 494 A83-37552
- Repairing gas turbine hot section airfoils today  
[SAE PAPER 821487] p 534 A83-38006
- Advanced airfoil design for general aviation propellers  
[AIAA PAPER 83-1791] p 496 A83-38631
- Design and true Reynolds number 2-D testing of an advanced technology airfoil  
[AIAA PAPER 83-1792] p 496 A83-38632
- Gnd generation by elliptic partial differential equations for a tri-element Augmentor-Wing airfoil p 502 A83-38803
- Marching gnd generation using parabolic partial differential equations p 569 A83-38810
- Interactions of airfoils with gusts and concentrated vortices in unsteady transonic flow  
[AIAA PAPER 83-1691] p 502 A83-39267
- Comparison of supercritical airfoil flow calculations with wind-tunnel results  
[AIAA PAPER 83-1688] p 503 A83-40472
- Pressure loss and heat transfer through multiple rows of short pin fins p 642 A83-42709
- A turbulent flow Navier-Stokes analysis for an airfoil oscillating in pitch p 660 A83-46437
- Unsteady Kutta condition of a plunging airfoil p 661 A83-46438
- Cooling airflow studies at the leading edge of a film-cooled airfoil  
[ASME PAPER 83-GT-82] p 760 A83-47935
- Development of controlled diffusion airfoils for multistage compressor application  
[ASME PAPER 83-GT-211] p 715 A83-48012
- The effect of a leading-edge slat on the dynamic stall of an oscillating airfoil  
[AIAA PAPER 83-2533] p 716 A83-48368
- Analysis of airfoil leading edge separation bubbles  
[NASA-CR-165935] p 9 N83-10018
- Comparison of the experimental aerodynamic characteristics of theoretically and experimentally designed supercritical airfoils  
[NASA-TM-X-3082] p 12 N83-11076
- Measurements in the wake of an infinite swept airfoil  
[NASA-CR-169484] p 13 N83-11086
- Numerical and experimental investigation of the aerodynamics of double membrane sailing airfoil sections  
[VTH-LR-345] p 14 N83-11092
- Hereditary models for airfoils in unsteady aerodynamics, numerical approximations and parameter estimation  
[AD-A118446] p 179 N83-12050
- Application of strain gauges and thermocouples to rotating and stationary hardware p 215 N83-12266
- Passive shock wave/boundary layer control for transonic supercritical airfoil drag reduction p 180 N83-13068
- Time-variant aerodynamics for translational motion of large-turning airfoils  
[AD-A118884] p 203 N83-13105
- Development and test of a Microwave Ice Accretion Measurement Instrument (MIAMI)  
[NASA-CR-3598] p 159 N83-14123
- Experimental investigation of thrust augmenting ejectors using vane excited primary jets  
[AD-A120424] p 167 N83-15313
- Wind tunnel force and pressure tests  
[NASA-CR-3439] p 190 N83-16287
- Low-speed aerodynamic characteristics of a 17-percent-thick medium speed airfoil designed for general aviation applications  
[NASA-TP-1786] p 191 N83-16290
- Finite difference calculation of an inviscid transonic flow over oscillating airfoils  
[RAE-TRANS-2087] p 191 N83-16292
- Development of a procedure for calculating the effects of airfoil erosion on aircraft engine compressor performance p 213 N83-17457
- The role of analysis in the aerodynamic design of advanced rotors p 192 N83-17471
- Representation of airfoil behaviour p 192 N83-17472
- Theoretical investigations of high lift aerodynamics  
[NASA-CR-169926] p 244 N83-18663
- Metallic alloy stability studies p 292 N83-18760
- Experimental investigation of simulating impingement cooling of concave surfaces of turbine airfoils p 283 N83-18960
- Introductory survey of aeroelastic problems in separated and transonic flow p 313 N83-20895
- The use of panel methods for the evaluation of subsonic wall interference p 347 N83-20959
- Similarity rules for effects of sidewall boundary layer in two-dimensional wind tunnels p 347 N83-20960
- Two-dimensional transonic testing method p 347 N83-20962
- Wall boundary-layer effects in transonic wind tunnels p 348 N83-20964
- On the use of adaptive walls for transonic wind tunnel testing p 348 N83-20969
- Analysis of unswept and swept wing chordwise pressure data from an oscillating NACA 0012 airfoil experiment. Volume 1. Technical Report  
[NASA-CR-3567] p 316 N83-22165
- Numerical simulation of an electrothermal deicer pad  
[NASA-CR-168097] p 380 N83-23281
- Design and construction of 2 transonic airfoil models for tests in the NASA Langley C 3-M TCT  
[NASA-TM-85325] p 401 N83-23326
- Transonic cryogenic test section for the Goettingen Tube Facility  
[NASA-TM-77050] p 401 N83-23328
- Effects of dynamic stall on SWECs p 409 N83-23732
- Improved design of subcritical and supercritical cascades using complex characteristics and boundary layer correction  
[NASA-CR-168166] p 377 N83-24474
- High Reynolds number tests of the CAST 10-2/DOA 2 airfoil in the Langley 0.3-meter transonic cryogenic tunnel, phase 1  
[NASA-TM-84620] p 424 N83-25660
- Application of a finite difference method to the transonic airfoil problem  
[AD-A124720] p 425 N83-25674
- Finite difference calculation of an inviscid transonic flow over oscillating airfoils  
[AD-A123982] p 426 N83-25677
- Design and analysis of a subcritical airfoil for high altitude, long endurance missions  
[AD-A124757] p 441 N83-25702
- Resonance tests on the tail of a CT4 aircraft  
[AD-A124566] p 441 N83-25703
- Gust response prediction of an airfoil using a modified von Karman-Pohlhausen technique  
[AD-A124716] p 461 N83-25718
- Model mount system for testing flutter  
[NASA-CASE-LAR-12950-1] p 465 N83-25727
- The use of vortex generators as inexpensive compressor casing treatment p 459 N83-26798
- Experimental studies of the separating confluent boundary-layer Volume 1. Summary  
[NASA-CR-3655] p 427 N83-26822
- Computation of incompressible potential flow over an airfoil using a high order aerodynamic panel method based on circular arc panels  
[AD-A124896] p 428 N83-26825
- Calculation of boundary layers near the stagnation point of an oscillating airfoil  
[NASA-TM-84305] p 478 N83-27148
- Implicit upwind methods for the compressible Navier-Stokes equations  
[NASA-TM-84364] p 478 N83-27149
- Axial compressor middle stage secondary flow study  
[NASA-CR-3701] p 505 N83-29174
- Small transport aircraft technology propeller study  
[NASA-CR-168045] p 506 N83-29178
- Design and experimental results for a flapped natural-laminar flow airfoil for general aviation applications  
[NASA-TP-1865] p 581 N83-30386
- Wind-tunnel investigation of leading-edge thrust on arrow wings in supersonic flow  
[NASA-TP-2167] p 583 N83-31577
- Improved method for transonic airfoil design-by-optimization  
[NASA-CR-166497] p 583 N83-31578
- Structural element and real blade impact testing, volume 1  
[AD-A127744] p 618 N83-31606
- Experimental investigation of interferences of top and bottom slotted walls and the effects of sidewalls in a transonic airfoil wind tunnel p 690 N83-32729
- Analysis of incompressible separated flow around an airfoil with a finite-gap flap p 662 N83-32745
- Transonic interference effects in testing of oscillating airfoils p 662 N83-32746
- Linearized two-dimensional oscillatory airforce coefficients and load distributions on thin aeroflows in subsonic flow  
[ESDU-81034] p 664 N83-32761
- Linearized two-dimensional oscillatory airforce coefficients and load distributions on thin aeroflows in supersonic flow --- pitching moments  
[ESDU-82005] p 664 N83-32762
- Linearized potential solution for an airfoil in nonuniform parallel streams  
[NASA-CR-173047] p 665 N83-33843
- Longitudinal aerodynamic characteristics of a wing-winglet model designed at  $M = 0.8$ ,  $C_{sub} L = 0.4$  using linear aerodynamic theory  
[NASA-CR-172186] p 666 N83-33854
- Heat transfer on three turbine airfoils  
[AD-A128762] p 747 N83-34950
- ### AIRFRAME MATERIALS
- Composites in the construction of the Lear Fan 2100 aircraft p 350 A83-29718
- Design, analysis and test of composite curved frames for helicopter fuselage structure  
[AIAA 83-1005] p 356 A83-29805
- Development of structural materials for the new generation of aircraft p 383 A83-30511
- Fatigue of composite bolted joints under dual load levels p 559 A83-40158
- Finite element prediction of damping in beams with constrained viscoelastic layers p 66 N83-10223
- Development of powder metallurgy Al alloys for high temperature aircraft structural applications, phase 2  
[NASA-CR-165965] p 296 N83-18894
- Properties of thick sheets of 2124 T351 alloy  
[SNIA82-811-109] p 404 N83-23423
- The electromagnetic environment of an airframe partly constructed from carbon fiber composite material --- helicopter airframe p 552 N83-28090
- Fabrication and evaluation of brazed titanium-clad boron/aluminum skin-stringer panels  
[NASA-TP-1674] p 552 N83-28098
- Advanced structures technology and aircraft safety  
[NASA-TM-85664] p 564 N83-29733



# SUBJECT INDEX

# AIRPORT PLANNING

## AIRFRAMES

- Prediction of jet exhaust noise on airframe surfaces during low-speed flight p 198 A83-13160
- Airframe effects on a top-mounted fighter inlet system p 177 A83-13166
- Subsonic surface panel method for airframe analysis and wing design [AIAA PAPER 83-0341] p 133 A83-16667
- Investigation of landing gear alternatives for high performance aircraft p 261 A83-24030
- Analysis of jet airframe interaction noise [AIAA PAPER 83-0783] p 264 A83-25964
- Flight effects for jet-airframe interaction noise [AIAA PAPER 83-0784] p 264 A83-25965
- Microeconomic models for process development p 472 A83-33650
- On improving the fatigue performance of a double-shear lap joint p 473 A83-34744
- Inlet, engine, airframe controls integration development for supercruising aircraft p 447 A83-35842
- New metal technologies in airframe construction p 557 A83-37861
- Re-engining the 737 [SAE PAPER 821442] p 518 A83-37990
- The in-service flight testing of some carbon fibre-reinforced plastic components p 599 A83-42808
- A critical look at the development and application of airframe cost models [SAWE PAPER 1478] p 603 A83-43747
- Enhanced aircraft structural maintenance using organic depot damage tolerance analysis [AIAA PAPER 83-2450] p 710 A83-48333
- Gain selection method and model for coupled propulsion and airframe systems [NASA-TP-2067] p 52 A83-11139
- Durability of commercial aircraft and helicopter composite structures p 61 A83-11243
- Improved methods for predicting spectrum loading effects Volume 1 Technical summary [AD-A118295] p 68 A83-11521
- The effects of precipitation static and lightning on the airborne reception of Loran-C Volume 1 Analysis [DOT/FAA/RD-82/45-1] p 217 A83-12299
- Government financial support for civil aircraft research, technology and development in four European countries and the United States [NASA-CR-169537] p 225 A83-14022
- Cost functions for airframe production programs [AD-A119788] p 128 A83-14062
- Flutter substantiation tests on a Transavia PL-12/T-300 Airtruk [AD-A118895] p 170 A83-14134
- Effects of simulated lightning on composite and metallic joints [NASA-TM-84554] p 177 A83-14170
- A users manual for a detailed level fatigue crack growth analysis computer code Volume 1 The CRKGRO program [AD-A118968] p 184 A83-14530
- A users manual for a computer program to predict fatigue crack growth on flight-by-flight basis (FLTGRO) [AD-A118965] p 184 A83-14531
- Revised Structural Technology Evaluation Program (STEP) user's manual for structural synthesis [AD-A118964] p 184 A83-14532
- The fatigue crack growth under variable amplitude loading in built-up structures [AD-A119764] p 187 A83-15676
- Potential fuel savings through improved airframe maintenance p 188 A83-17456
- Impact behavior of fibrous composition and metal substructures [AD-A121618] p 296 A83-18858
- Development of fracture mechanics concepts applicable to aircraft structures [AD-A121900] p 302 A83-19135
- Airframe and engine integration and potential improvements p 353 A83-22451
- Aviation Executive Conference [AD-A124581] p 416 A83-25654
- Airframe RDT&E cost estimating A justification for and development of unique cost estimating relationships according to aircraft type [AD-A123848] p 417 A83-25656
- Ultrasonic weld bonding of helicopter primary structures [AD-A124645] p 477 A83-26081
- YAH-63 helicopter crashworthiness simulation and analysis [AD-A125642] p 510 A83-27970
- Application of active control landing gear technology to the A-10 aircraft [NASA-CR 166104] p 546 A83-27998
- Accelerated corrosion testing [AD-A125639] p 553 A83-28211

- Small transport aircraft technology propeller study [NASA-CR-168045] p 506 A83-29178
- Development of monofilar rotor hub vibration absorber [NASA-CR-166088] p 549 A83-29272
- Lessons from Tornado afterbody development p 604 A83-30366
- Vibration analysis of a helicopter plus an externally-attached structure p 607 A83-30769
- Evaluation of small cracks in airframe structures p 646 A83-31062
- Unprotected radome lightning tests and implications to Kevlar airframe designs p 587 A83-31208
- The F-4C/D life extension program [AD-A127495] p 577 A83-31569
- Force method optimization 2 Volume 1 Theoretical development [AD-A127073] p 652 A83-32408
- Development and demonstration of economic production systems in airframe construction p 658 A83-32709
- Representation of drag in aircraft performance calculations [ESDU-81026] p 677 A83-32790
- Restructurable controls problem definition and future research p 688 A83-33899
- Behaviour of Short Cracks in Airframe Components [AGARD-CP-328] p 700 A83-34095
- Mechanics and physics of the growth of small cracks p 700 A83-34096
- Discussion of the short crack effect in airframe materials and components p 680 A83-34110
- Graphic enhancement of the Aircraft Penetration Model for use as an analytic tool [AD-A128226] p 733 A83-34936
- Explosively activated egress area [NASA-CASE-LAR-12624-1] p 713 A83-35992
- Expanded operational capabilities of the Langley Mach 7 Scramjet test facility [NASA-TP 2186] p 754 A83-36039
- AIRLINE OPERATIONS**
- Identification of the causes of aircraft performance shortfalls in fleet operations p 3 A83-12659
- Operator influences on aircraft design p 204 A83-21032
- Air traffic and requirements for future passenger aircraft [DGLR PAPER 82-024] p 241 A83-24151
- Jet engines for airliners of the next generation [DGLR PAPER 82-069] p 274 A83-24183
- Forecasting in air transport - A critical review of the techniques available p 318 A83-29966
- Fleet planning models - in airline operations p 318 A83-29967
- Air traffic control into the 21st century p 381 A83-30275
- Identifying aircraft and airport compatibility - A straightforward approach to complexity [AIAA PAPER 83-1582] p 399 A83-33354
- Interaction of the small commuter operation within the hub terminal [AIAA PAPER 83-1584] p 379 A83-33355
- Overview of the air cargo industry [AIAA PAPER 83-1607] p 380 A83-33369
- Airport - Air cargo compatibility [AIAA PAPER 83-1610] p 380 A83-33371
- Worldwide aviation outlook - for passenger and freight traffic 1982-1992 [AIAA PAPER 83-1597] p 429 A83-36952
- Operational aspects of Delta air lines meteorological department p 564 A83-38746
- Automated systems of control in civil aviation of the USSR p 513 A83-39219
- Maintenance according to technical conditions --- for aircraft p 489 A83-39221
- Airport use and access p 572 A83-39698
- Safety in the skies p 584 A83-41467
- Flight management systems What are they and why are they being developed? [AIAA PAPER 83-2235] p 621 A83-41712
- Philosophy of automated balance calculations [SAWE PAPER 1470] p 585 A83-43744
- SITELCOM-82 - Telecommunications and data processing in the air transport industry, Proceedings of the Conference, Monte Carlo, Monaco, March 2-4, 1982 p 670 A83-45076
- ARGHOS - A tool for schedule planning -- for airlines p 667 A83-45077
- Impact of new technology on engineering and maintenance systems --- of airlines p 657 A83-45078
- SITA - Advanced telecommunications services -- for air transport industry p 670 A83-45079
- International Forum for Air Cargo, 11th New York, NY, September 27-30, 1982, Proceedings p 668 A83-45900
- Flight frequency determination p 668 A83-46776

- Future aircraft development for commuter and third-level operations [AIAA PAPER 83-2464] p 727 A83-48338
- Airline requirements for future civil transport aircraft [AIAA PAPER 83-2501] p 719 A83-48354
- An airline view of LH2 as a fuel for commercial aircraft p 757 A83-48598
- Aircraft accident report Air Florida, Inc Boeing 737-222, N62AF collision with 14th Street Bridge, near Washington National Airport, Washington, D.C., January 13, 1982 [PB82-910408] p 15 A83-10022
- Airport landside Volume 1 Planning guide [AD-A117599] p 56 A83-10083
- Airport landside Volume 2 The Airport Landside Simulation Model (ALSIM) description and users guide [AD-A117600] p 56 A83-10084
- Airport landside Volume 4 Appendix A ALSIM AUXILIARY and MAIN programs [AD-A117602] p 57 A83-10086
- Airport landside Volume 5 Appendix B ALSIM subroutines [AD-A117603] p 57 A83-10087
- Aircraft cabin safety staffing standards [H-REPT 97-394] p 15 A83-11093
- Aircraft cabin safety staffing standards [GPO-77 969] p 16 A83-11094
- Tried and proven engine technology A vital key to improving airline economics [PNR 90112] p 44 A83-11134
- Impact of advanced transport technology Part 3 Air service to small communities [PB82-186800] p 221 A83-12920
- The changing airline industry A report, 1981 [GAO/CED-82-94] p 139 A83-14075
- The US aviation system to the year 2000 [NASA-CR-166010] p 140 A83-15273
- The analysis of integrated fuel efficient, low noise procedures in lax terminal area operations - (Los Angeles) p 202 A83-17459
- Opportunities and benefits - commuter air travel p 252 A83-20838
- Air Traffic Control in Face of Users' Demand and Economy Constraints [AD-A127146] p 325 A83-22177
- The airline facing the present crisis p 320 A83-22180
- Air traffic services in Portugal p 325 A83-22182
- Air traffic services in Portugal Civil-military coordination aspects p 325 A83-22183
- Management and planning concepts p 326 A83-22185
- A strategy is needed to deal with peaking problems at international airports [GAO/GGD-83-4] p 429 A83-25683
- AIRPORT LIGHTS**
- US sets own standards for airport lighting [FAA-CT 82-119] p 220 A83-17559
- Evaluation of supplemental lights for caution bars
- AIRPORT PLANNING**
- Impact of stretching wide-bodied aircraft on existing airport facilities [AIAA PAPER 83-1578] p 398 A83-33351
- Land development, tall buildings and airport operations [AIAA PAPER 83-1581] p 398 A83-33353
- Identifying aircraft and airport compatibility - A straightforward approach to complexity [AIAA PAPER 83-1582] p 399 A83-33354
- Planning intra airport transportation - A framework for decision making [AIAA PAPER 83-1585] p 399 A83-33356
- Airport - Air cargo compatibility [AIAA PAPER 83-1610] p 380 A83-33371
- TALIS - A proposed system for taxiway control -- Taxiway Aircraft Location and Identification System p 513 A83-38934
- Airport landside Volume 1 Planning guide [AD-A117599] p 56 A83-10083
- Airport landside Volume 3 ALSIM calibration and validation [AD-A117601] p 57 A83-10085
- Second National Conference on General Aviation Airport Noise and Land Use Planning Summary of proceedings [PB82-218520] p 69 A83-11628
- Airport landside operations and air service [PB82-235946] p 218 A83-13320
- Fresh look is needed at south Florida jetport [GAO/CED-82 54] p 189 A83-14769
- Maintenance of airport visual aid facilities Advisory circular [AC-150/5340-26] p 219 A83-16352
- The analysis of integrated fuel efficient, low noise procedures in lax terminal area operations -- (Los Angeles) p 202 A83-17459

- Aids to decision making in airport planning  
[REPT-34] p 221 N83-17562
- Recommendations for the acoustic treatment of  
Cumbica International Airport  
[IESA-144-83] p 309 N83-19578
- Helicopter noise p 310 N83-20835
- Lessons from the past. STOL system studies and  
Ottawa-Montreal STOL demonstration p 252 N83-20837
- Runway 18 West under discussion. On icy winds in the  
airport controversy [FACHTHEMEN-1] p 400 N83-23320
- Questions and answers concerning runway 18 West  
[FACHTHEMEN-2] p 400 N83-23321
- The runways of the Frankfurt Main airport. Air traffic  
lifelines [FACHTHEMEN-3] p 400 N83-23322
- Advisory circular. Building for storage and maintenance  
of airport snow removal and ice control equipment. A  
guide [FAA-AC-150/5220-15] p 560 N83-28283
- Guidelines for the planning and dimensioning of general  
aviation installations on traffic airports  
[ISBN-3-87977-049-2] p 690 N83-32815
- AIRPORT SECURITY**
- The effectiveness of the Civil Aviation Security  
Program [AD-A128687] p 721 N83-36013
- AIRPORT SURFACE DETECTION EQUIPMENT**
- Airport Surface Detection Equipment (ASDE)-3  
improvements test and evaluation  
[DOT/FAA/RD-82/23] p 187 N83-12063
- AIRPORTS**
- Air traffic management - The impact at the airport  
p 142 N83-17728
- Instrument Landing Systems (ILS) at GDR airports. II  
p 253 N83-23495
- Optimum siting of NEXRAD to detect hazardous weather  
at airports p 304 N83-24037
- Wind shear detection with a modified airport surveillance  
radar p 360 N83-27040
- Aircraft noise and the airport community  
[AIAA PAPER 83-1580] p 409 N83-33352
- Interaction of the small commuter operation within the  
hub terminal [AIAA PAPER 83-1584] p 379 N83-33355
- Thermal properties of some asphaltic concrete mixes  
[AIAA PAPER 83-1598] p 399 N83-33361
- Evaluation of properties of recycled asphalt concrete  
hot mix [AIAA PAPER 83-1599] p 399 N83-33362
- Airport pavement management - A total system  
[AIAA PAPER 83-1600] p 399 N83-33363
- Nondestructive airfield pavement testing using laser  
technology [AIAA PAPER 83-1601] p 399 N83-33364
- Standardized pavement strength reporting system -  
ACN/PCN --- Aircraft Classification Number/Pavement  
Classification Number [AIAA PAPER 83-1602] p 400 N83-33365
- Sampling strategies for monitoring noise in the vicinity  
of airports p 570 N83-37731
- Air traffic control problems in the field of general  
aviation p 509 N83-38931
- Radio-navigation prerequisites for IFR operation of  
regional airports and civil airfields p 512 N83-38932
- Airport use and access p 572 N83-39698
- Experiences in medical coverage of airport disasters at  
Logan International Airport in Boston p 509 N83-40358
- Model of a cryogenic liquid-hydrogen pipeline for an  
airport ground distribution system p 648 N83-43641
- Airfield coatings incorporating polymer materials - Repair  
and maintenance --- Russian book p 689 N83-45029
- Airports as a threat to public safety --- Book  
p 668 N83-46420
- Air traffic control simulation in the airport area  
p 722 N83-47200
- Airport and air traffic control system  
[PB82-207606] p 27 N83-10033
- Airport landside Volume 1 Planning guide  
[AD-A117599] p 56 N83-10083
- Airport landside Volume 2 The Airport Landside  
Simulation Model (ALSIM) description and users guide  
[AD-A117600] p 56 N83-10084
- Airport landside Volume 3 ALSIM calibration and  
validation [AD-A117601] p 57 N83-10085
- Airport landside Volume 4 Appendix A ALSIM  
AUXILIARY and MAIN programs p 57 N83-10086
- Airport landside Volume 5 Appendix B ALSIM  
subroutines [AD-A117603] p 57 N83-10087

- Identification of exit taxways (retroreflective markers  
only) [AD-A117487] p 58 N83-11151
- Airport delay and improvement study. John F. Kennedy  
International Airport and LaGuardia Airport  
[PB82-195884] p 58 N83-11153
- Feasibility of computing residual displacements in  
runways and crater repairs [AD-A118610] p 208 N83-12105
- A study of the feasibility of statistical analysis of airport  
performance simulation [NASA-CR-3633] p 221 N83-12959
- Area equivalent method. A quick procedure for  
determining noise impact at civilian airports  
[PB82-195892] p 223 N83-12975
- Airport activity statistics of certificated route air  
carriers [AD-A119713] p 185 N83-13084
- Airport community soundproofing and relocation study  
[PB82-259144] p 220 N83-16358
- Equivalency evaluation of firefighting agents and  
minimum requirements at US Air Force airfields  
[AD-A126443] p 198 N83-17524
- Evaluation of supplemental lights for caution bars  
[FAA-CT-82-119] p 220 N83-17559
- Recommendations for the acoustic treatment of  
Cumbica International Airport [IESA-144-83] p 309 N83-19578
- Aviation weather [GPO-98-983] p 304 N83-20493
- Lessons from the past. STOL system studies and  
Ottawa-Montreal STOL demonstration p 252 N83-20837
- Use of geochemical investigative methods for  
preliminary hygienic assessment of effect of airports on  
environment p 349 N83-22972
- The flow of air-passenger traffic in the Federal Republic  
of Germany with emphasis on airports and their  
hinterland [GEOGRAPHISCHE-SCHRIFTEN-18] p 380 N83-23283
- Multiplication effects due to wages, salaries and  
commissions paid at the airport [FACHTHEMEN-4] p 400 N83-23323
- Non-contact, non-destructive airport pavement profile  
and deflection measurements [FAA-PM-83-14] p 400 N83-23325
- Gunnison County airport terminal  
[DE83-004512] p 401 N83-23332
- An evaluation of the pavement condition index prediction  
model for rigid airfield pavements [AD-A123002] p 402 N83-24524
- Helicopter noise exposure curves for use in  
environmental impact assessment [AD-A123467] p 413 N83-25500
- FAA aviation forecasts. Fiscal years 1983-1994  
[AD-A124611] p 416 N83-25652
- FAA's plan to improve the air traffic control system. A  
step in the right direction but improvements and better  
coordination are needed [GAO/AFMD-83-34] p 432 N83-25687
- AICUZ (Air Installation Compatible Use Zone) report  
[AD-A124974] p 483 N83-27801
- Advisory circular. Airport design standards. Transport  
airports [FAA-AC-150/5300-12] p 548 N83-28005
- Airport and highway noise control, planning and  
analysis [PB83-153692] p 560 N83-28290
- Terminal forecast reference notebook for RAF Fairford,  
United Kingdom [AD-A126095] p 567 N83-29930
- Software description for the O'Hare runway configuration  
management system. Volume 1. Technical description  
[AD-A127398] p 631 N83-30442
- Computer programs for producing single-event aircraft  
noise data for specific engine power and meteorological  
conditions for use with USAF (United States Air Force)  
community noise model (NOISEMAP) [AD-A127419] p 653 N83-31422
- Potential joint civil and military use of military airfields  
[PB83-186734] p 633 N83-31616
- Standard tests for toughened resin composites, revised  
edition [NASA-RP-1092-REV] p 638 N83-31730
- State of the art survey on confined base courses for  
utility airport pavements [FAA-PM-83-24] p 690 N83-32813
- Residents' annoyance responses to aircraft noise  
events [NASA-TP-2121] p 707 N83-34713
- Small airport management handbook  
[PB83-194043] p 754 N83-34959
- Assessment of Houston Airport WEDway Automated  
Transit System [PB83-210443] p 754 N83-36042

## AIRSHIPS

- 75th anniversary of the establishment of the  
Aerodynamic Experimental Institute of Goettingen p 127 N83-16896
- Aerodynamic estimation techniques for aerostats and  
airships p 136 N83-18404
- Development and testing of Skyship 500 p 327 N83-28191
- Some effects of size on non-rigid airships p 327 N83-28192
- 1983 LTA technology assessment  
[AIAA PAPER 83-1617] p 437 N83-36408
- Lighter-Than-Air Systems Conference, Anaheim, CA,  
July 25-27, 1983, Collection of Technical Papers p 489 N83-38901
- A study of dingibles for use in the Peruvian Selva Central  
region [AIAA PAPER 83-1970] p 508 N83-38902
- The use of non-rigid airships for Maritime patrol in  
Canada [AIAA PAPER 83-1971] p 508 N83-38903
- The utility of small aerostats for surveillance missions  
[AIAA PAPER 83-1973] p 508 N83-38904
- Barriers and possibilities for the use of airships in  
developing countries [AIAA PAPER 83-1974] p 508 N83-38905
- Applications and market potentials for the light utility  
airship concept [AIAA PAPER 83-1975] p 489 N83-38906
- Effect of buoyancy and power design parameters on  
hybrid airship performance [AIAA PAPER 83-1976] p 521 N83-38907
- Application of the panel method to airships  
[AIAA PAPER 83-1978] p 502 N83-38909
- Wind tunnel demonstration of an optimized LTA system  
with 85 percent power reduction and neutral static  
stability [AIAA PAPER 83-1981] p 522 N83-38910
- Patterning techniques for inflatable LTA vehicles ---  
Lighter Than Air [AIAA PAPER 83-1983] p 522 N83-38911
- Thermal effects on a high altitude airship  
[AIAA PAPER 83-1984] p 509 N83-38912
- Measurement of helium gas transmission through  
aerostat material [AIAA PAPER 83-1986] p 551 N83-38913
- The lateral response of an airship to turbulence  
[AIAA PAPER 83-1989] p 502 N83-38915
- Dynamics of the STARS aerostat [AIAA PAPER 83-1990] p 545 N83-38916
- Flight test of the HX-I radio-controlled hybrid airship  
[AIAA PAPER 83-1992] p 522 N83-38917
- Recent progress of lighter-than-air programs in Japan  
[AIAA PAPER 83-1993] p 522 N83-38918
- Tethered aerostat operations in arctic weather  
[AIAA PAPER 83-1998] p 522 N83-38919
- Flight testing and operational demonstrations of a  
modern non-rigid airship [AIAA PAPER 83-1999] p 523 N83-38920
- The stable sensor platform (SSP) tethered balloon  
series [AIAA PAPER 83-2000] p 509 N83-38921
- The preliminary design of a very large pressure airship  
for civilian and military applications [AIAA PAPER 83-2005] p 523 N83-38923
- Naval Airship Program for Sizing and Performance  
(NAPSAP), computer program development. Program  
update number 2 [AD-A120830] p 191 N83-16293
- AIRSPACE**
- Observations regarding the MNPS in the North Atlantic  
and considerations concerning their applicability in the  
European air space I p 14 N83-13011
- Collision risk models p 14 N83-13012
- NATS - Taking stock --- National Air Traffic Services in  
United Kingdom p 142 N83-17727
- On the use of height rules in off-route airspace p 431 N83-35274
- Measurements of an aircraft wake vortex system using  
a meteorological tower p 565 N83-38751
- Instrument approach aids for helicopters  
[FAA-RD-82-6] p 187 N83-12061
- A technical analysis of rehosting the National Aerospace  
System software [AD-A118828] p 187 N83-12069
- Review of the FAA 1982 National Airspace System  
Plan [PB83-102772] p 293 N83-19764
- A UK NATS view of the air traffic management  
requirements in the next decade p 325 N83-22178
- The airline facing the present crisis p 320 N83-22180
- Air traffic services in Portugal p 325 N83-22182
- Air traffic services in Portugal. Civil-military coordination  
aspects p 325 N83-22183

## SUBJECT INDEX

Advanced Automation System (AAS) transition strategy [FAA-AP-83-1] p 382 N83-24493

**AIRSPED**  
An improved jet noise scaling law which incorporates phase differences due to flight effects [AIAA PAPER 83-0747] p 307 A83-25949  
Helicopter flight noise tests about the influence of rotor-rotational and forward speed changes on the characteristics of the emitted sound [AIAA PAPER 83-0672] p 385 A83-28002  
Airspeed calibrations on a stretch YC-141B aircraft p 387 A83-32931  
A true air speed sensor for miniature unmanned aircraft p 444 A83-36613  
Optimal mass distribution between the stages of a two-stage aircraft for maximization of the flight cruise range p 516 A83-37267  
A version of a single-beam laser time-of-flight method for measuring flight velocity p 557 A83-37642  
Flutter investigation of a repaired T-38 horizontal stabilizer using NASTRAN p 641 A83-42541  
Application of optimal control synthesis to integrated vertical flight path and airspeed control for an advanced fighter [AIAA PAPER 83-2560] p 751 A83-49594  
Use of radar position reports for estimating aircraft acceleration [FAA-RD-82-81] p 156 A83-15281  
Comparison of modern icing cloud instruments [NASA-CR-168008] p 270 N83-18720  
Terminal area automatic navigation, guidance and control research using the Microwave Landing System (MLS) Part 5 Design and development of a Digital Integrated Automatic Landing System (DIALS) for steep final approach using modern control techniques [NASA-CR-3681] p 345 N83-22213  
HiMAT highly maneuverable aircraft technology, flight report [NASA-CR-170245] p 388 N83-23294  
Digital pressure sensor for altimeters, rate-of-climb and air speed indicators in aircrafts [BMFT-FB-W-82-033] p 391 N83-23304  
Miniature electro-optical air flow sensor [NASA-CASE-LAR-13065-1] p 413 N83-25539  
Experimental and analytical studies of a true airspeed sensor [NASA-CR-165704] p 530 N83-27989  
Historical development of worldwide supersonic aircraft [NASA-TM-85637] p 573 N83-29170  
OPTIM Computer program to generate a vertical profile which minimizes aircraft fuel burn or direct operating cost User's guide [NASA-CR-166061] p 569 N83-30061  
Flight directors for STO aircraft [NASA-CR-166517] p 593 N83-31590  
Tabulation of recorded gust and maneuver accelerations and derived gust velocities and airplanes in the NASA VGH General Aviation Program [NASA-TM-84660] p 669 N83-33859  
Airspeed and wind shear measurements with an airborne CO2 CW laser p 735 N83-34898

**ALASKA**  
Aircraft accident report. Reeve Aleutian Airways, Nihon YS-11A, N169RV, King Salmon, Alaska, February 16, 1982 [PB82-910414] p 249 N83-18700  
Alaska Loran-C flight test evaluation [AD-A128633] p 724 N83-34830

**ALCOHOLS**  
Improved combustion-turbine efficiency with reformed-alcohol fuels [DE83-005713] p 699 N83-33169  
Reformed alcohol fuels for combustion turbines Technical and economic feasibility assessment [DE82-013921] p 694 N83-34071

**ALGEBRA**  
Controller scheduling - A possible algebraic viewpoint p 567 A83-37093

**ALGORITHMS**  
Advanced automatic terrain following/terrain avoidance control concepts study p 47 A83-11254  
An algorithm of flight simulation on a dynamic stand of support type p 462 A83-34429  
A modified algorithm for determining structural controllability p 480 A83-36455  
Investigation of time-to-go algorithms for air-to-air missiles p 511 A83-37137  
Algorithms for real-time flutter identification [AIAA PAPER 83-2223] p 640 A83-41703  
Comparative analysis of the efficiency of practical realizations of the Kalman algorithm --- for microwave landing systems p 735 A83-48518

The Shock and Vibration Bulletin Part 3 Analytical methods, dynamic analysis, vehicle systems [AD-D432842] p 68 N83-10253  
Algorithm for Surface of Translation Attached Radiators (A-STAR) Volume 1 Formulation of the analysis [AD-A118459] p 217 N83-12318  
Minimum TCAS 2 threat detection and resolution logic status p 145 N83-14089  
TCAS 2 threat detection and resolution logic testing p 145 N83-14090  
Software optimization for array processors. An AP-120B Kalman filter [AD-A119221] p 189 N83-14973  
Turbine Engine Fault Detection and Isolation Program Volume 2 Maintenance model development [AD-A119999] p 167 N83-15312  
An algorithm to select element locations of an adaptive array [AD-A120486] p 188 N83-15570  
Development of a three-dimensional adaptive wall test section with perforated walls p 349 N83-20973  
Analysis of pilot control strategy [NASA-CR-170399] p 344 N83-22212  
A critique of the Bell Helicopter Textron COBRA 2.75 inch rocket ballistic algorithm [AD-A123703] p 390 N83-24502  
Numerical treatment of Doppler radar signals --- airport radar, video data [ENST-E-82014] p 478 N83-27114  
Sandia Helicopter Acoustic Detector (SHAD) [DE82-018925] p 483 N83-27803  
Automated design of damage resistant structures Volume 1 Theory and application [AD-A125731] p 527 N83-27982  
Automated design of damage resistant structures Volume 2 Program user's manual [AD-A125732] p 527 N83-27983  
Wellborne inertial navigation system [DE83-004012] p 594 N83-31593  
Combat performance evaluation of fighter aircraft A suite of FORTRAN-IV programs based on energy maneuverability theory [AD-A128263] p 608 N83-31599  
Analytic redundancy management for flight control sensors p 751 N83-34900  
Free wake aerodynamic analysis of helicopter rotors [AD-A129710] p 718 N83-36007  
Optimal periodic control [AD-A130114] p 752 N83-36037  
Transactions of the Japan Society for Aeronautical and Space Sciences, Vol 25, No 68 [ISSN-0549-3811] p 766 N83-36396

**ALIGNMENT**  
Kalman filter formulations for transfer alignment of strapdown inertial units p 569 A83-40303  
Liquid crystal displays p 611 N83-30420

**ALKALI HALIDES**  
Fire extinguishant materials [NASA-CASE-ARC-11252-1] p 759 N83-36118

**ALKALI METALS**  
Fire extinguishant materials [NASA-CASE ARC-11252-1] p 759 N83-36118

**ALL-WEATHER AIR NAVIGATION**  
USAF studies fighters for dual-role, all-weather operations p 151 A83-17276  
Environmental control of an aircraft pod mounted electronics system [SAE PAPER 820869] p 263 A83-25768  
All weather heliports and airway system - The future need p 463 A83-36073  
The integration of multiple avionic sensors and technologies for future military helicopters p 514 A83-40301  
Investigation of advanced navigation and guidance system concepts for all-weather rotorcraft operations [NASA-CR-166274] p 26 N83-10029

**ALL-WEATHER LANDING SYSTEMS**  
General conditions of operational and technical utilization of ILS during Category III operations p 25 A83-13008  
All-weather small-deck operations in the US Navy [SAE PAPER 821503] p 508 A83-38010  
Helical automatic approaches of helicopters with microwave landing systems [NASA-TP-2109] p 260 N83-18704

**ALLOWANCES**  
Ultra sound and insurance p 412 N83-24286

**ALLOYS**  
Materials for advanced turbine engines Volume 1 Advanced blade tip seal system [NASA-CR-167851-VOL-1] p 166 N83-15308  
Physical properties data compilations relevant to energy storage Part 5 Mechanical properties data on alloys for use in flywheels [PB82-232919] p 296 N83-18904

## ALUMINUM ALLOYS

High Temperature Turbine Technology Program Phase 2 Technology test and support studies [DE83-008933] p 699 N83-33173

**ALPHA JET AIRCRAFT**  
Alpha Jet - Further version for the international market p 529 A83-37858  
Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison between wind tunnel and flight results for aerodynamic performance p 603 N83-30361  
Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison of the wing pressure distribution and local wake survey from analytical, wind tunnel and flight results p 603 N83-30362  
Alpha jet-pylon --- highly loaded structural component p 658 N83-32710

**ALPHANUMERIC CHARACTERS**  
Enhanced character sizes for the VDM-1 video display board [NASA-CR-169692] p 147 N83-15275  
Computer program analysis of helicopter weight estimate relationships utilizing parametric equations [AD-A128590] p 608 N83-31600

**ALTERNATING CURRENT**  
Development of the design concepts for a medium-scale wind tunnel magnetic suspension system [NASA-CR-166042] p 176 N83-15320

**ALTERNATIVES**  
Emergency fuels technology [AD-A125275] p 471 N83-25904

**ALTIMETERS**  
Optimal design of a baro/radio supported inertial altitude system [DGLR PAPER 82-041] p 269 A83-24165  
Ice sheet surface features in southwestern Greenland from satellite radio altimetry [NASA-CR-156887] p 362 N83-22689  
Digital pressure sensor for altimeters, rate-of-climb and air speed indicators in aircrafts [BMFT-FB-W-82-033] p 391 N83-23304

**ALTITUDE**  
Performance capabilities of photographic flight navigation and sensor orientation systems p 431 A83-36122  
Instrument approach aids for helicopters [FAA-RD-82-6] p 187 N83-12061  
An improved technique for altitude tracking of aircraft [AD-A118899] p 188 N83-13090  
Fuel conservation evaluation of US Army helicopters Part 3 UH-1H flight testing [AD-A125667] p 527 N83-27985  
Positioning of jamming aircraft using the integrated refractive effects prediction system [AD-A125644] p 560 N83-28308  
Modeling of the Mode S tracking system in support of aircraft safety research [NASA-CR-166486] p 510 N83-29186  
OPTIM Computer program to generate a vertical profile which minimizes aircraft fuel burn or direct operating cost User's guide [NASA-CR-166061] p 569 N83-30061

**ALTITUDE CONTROL**  
Automatic control of balloon altitude p 530 A83-39809

**ALTITUDE SIMULATION**  
An AN/APN-194/V/ radar altimeter/MIL-STD-1553 interface circuit p 35 A83-11186  
Laboratory evaluation of an airborne ozone instrument that compensates for altitude/sensitivity effects p 681 A83-45618

**ALTITUDE TESTS**  
Uniform engine testing program Phase 1 NASA Lewis Research Center participation [NASA-TM-82978] p 163 N83-14126

**ALUMINUM**  
Service history of phosphoric acid anodized aluminum structure --- with adhesive bonding for aircraft construction p 185 A83-20479  
Acoustic fatigue test evaluation of adhesively bonded aluminum fuselage panels using FM 73/BR 127 adhesive/primer system [AIAA 83-0999] p 358 A83-29874  
Impact behavior of fibrous composition and metal substructures [AD-A121618] p 296 N83-18858  
Experimental investigation of simulating impingement cooling of concave surfaces of turbine airfoils p 283 N83-18960

**ALUMINUM ALLOYS**  
The Avdel MBC aerospace blind riveting system p 62 A83-10870  
Water-displacing organic corrosion inhibitors - Their effect on the fatigue characteristics of aluminum alloy bolted joints p 59 A83-12014  
Electrical discharge machining of aluminum honeycomb core p 229 A83-20500

- An improved methodology for predicting random spectrum load interaction effects on fatigue crack growth p 224 A83-21802
- Sealants - Uses in composite structures p 293 A83-23615
- The effect of anisotropy, thickness, and operating time on the crack growth in pressed and rolled products of D16chT and V95pchT1 alloys p 350 A83-28478
- The residual strength of prefabricated structures made of pressed panels of D16chT alloy and its modifications p 406 A83-32075
- Engineering property comparisons of 7050-T73651, 7010-T7651 and 7010-T73651 aluminum alloy plate p 403 A83-32340
- Structural members made of high-strength cast aluminum and their properties --- and reduction of aircraft production costs p 468 A83-33954
- High-strength aluminum high-quality casting alloy in aeronautics and astronautics p 468 A83-33955
- Investigation of the fatigue and crack propagation properties of X7091-T7E69 extrusion p 550 A83-37836
- New metal technologies in airframe construction p 557 A83-37861
- Advanced aluminum alloy for transport aircraft - Why and what are the benefits p 550 A83-37954
- [SAE PAPER 821345] p 550 A83-37954
- Determination of zones of crack distribution in flexible specimens --- of aluminum alloys p 551 A83-39509
- Bonded aluminum honeycomb - Aircraft flight surface primary structure application p 675 A83-43972
- The effect of water displacing corrosion preventives on stress corrosion cracking of aluminum alloy 7075-T651 [ARL-MAT-NOTE-132] p 60 A83-10173
- The influence of water-displacing organic corrosion inhibitors on the fatigue behaviour of 2024-T3 alclad aluminum alloy bolted joints p 61 A83-11281
- [ARL-STRUC-REPORT-390] p 61 A83-11281
- Advanced Materials Technology p 210 A83-12147
- [NASA-CP-2251] p 210 A83-12147
- Advanced powder metallurgy aluminum alloys and composites p 210 A83-12156
- Advanced castings in the design of military aircraft p 178 A83-15429
- New developments in aluminum and titanium investment castings p 178 A83-15438
- The fatigue crack growth under variable amplitude loading in built-up structures p 187 A83-15676
- [AD-A119764] p 187 A83-15676
- Development of powder metallurgy Al alloys for high temperature aircraft structural applications, phase 2 [NASA-CR-165965] p 296 A83-18894
- Development of fracture mechanics concepts applicable to aircraft structures p 302 A83-19135
- [AD-A121900] p 302 A83-19135
- Properties of thick sheets of 2124 T351 alloy [SNIAS-822-111-109] p 404 A83-23423
- Evaluation of low-cost aluminum composites for aircraft engine structural applications [NASA-TM-83357] p 470 A83-25790
- Accelerated corrosion testing p 553 A83-28211
- [AD-A125639] p 553 A83-28211
- Statistical and vibratory fatigue limit characteristics of aluminum cast alloys p 692 A83-32712
- Welding of components made of the aluminum cast alloy A357 p 698 A83-32715
- A study of small crack growth under transport spectrum loading p 701 A83-34108
- ALUMINUM BORON COMPOSITES**
- The effect of liquid media on the strength of an aluminum-matrix composite p 209 A83-15394
- Program for establishing long-time flight service performance of composite materials in the center wing structure of C-130 aircraft. Phase 5 Flight service and inspection [NASA-CR-165770] p 227 A83-17600
- ALUMINUM COATINGS**
- High temperature stability of pack aluminide coatings on IN3BLC p 230 A83-21459
- Aluminide coatings on superalloys [ONERA, TP NO 1983-68] p 756 A83-48189
- Silicon-slurry/aluminide coating --- protecting gas turbine engine vanes and blades [NASA-CASE-LEW-13343] p 638 A83-31795
- ALUMINUM COMPOUNDS**
- Fire extinguishant materials [NASA-CASE-ARC-11252-1] p 759 A83-36118
- AMBIGUITY**
- Airborne radar and the three PRFs --- Pulse Repetition Frequency p 589 A83-40759
- AMMONIUM CHLORIDES**
- Optical observations of unidirectional solidification in microgravity p 225 A83-16492
- [NASA-TP-2110] p 225 A83-16492
- AMMUNITION**
- Electrical resistance testing of antistatic bench and floor surface material after laying p 546 A83-28007
- [AD-A125423] p 546 A83-28007
- AMPHIBIOUS AIRCRAFT**
- Dornier Do 24 TT(technology testbed) experimental amphibian p 516 A83-37857
- Development and testing of a high-technology amphibious flying vehicle p 724 A83-47192
- AMPLIFICATION**
- Tone-excited jet. Theory and experiments [NASA-CR-3538] p 222 A83-12968
- High-gain error actuated flight control systems for continuous linear multivariable plants [AD-A124871] p 462 A83-26848
- ANALOG DATA**
- Analysis of systems containing multiple, irregular sampling p 70 A83-11131
- ANALOG SIMULATION**
- Identification of certain dynamic characteristics of a helicopter-autopilot system by means of simulation p 216 A83-23222
- ANALOG TO DIGITAL CONVERTERS**
- Picture formatting and hardware considerations p 67 A83-11395
- ANALYSIS OF VARIANCE**
- A study of the feasibility of statistical analysis of airport performance simulation [NASA-CR-3633] p 221 A83-12959
- ANECHOIC CHAMBERS**
- Wind tunnel measurements of blade/vane ratio and spacing effects on fan noise p 222 A83-15317
- ANEMOMETERS**
- Anemobarometric systems for next generation aircraft --- architecture for air data systems p 343 A83-22101
- ANGLE OF ATTACK**
- The measurement of impulsive forces on a wind tunnel model with a conventional strain gage balance p 55 A83-11069
- Support interference in static and dynamic tests --- of wind tunnel models at high angles of attack p 55 A83-11074
- Advanced multiple output air data sensor for angle of attack, pitot and static pressure measurements p 34 A83-11098
- X-wire sounding in an air inlet at high angle of attack [AAAF PAPER NT 81-15] p 8 A83-11775
- An analytical evaluation of the icing properties of several low and medium speed airfoils [AIAA PAPER 83-0109] p 131 A83-16525
- Stability of steady sideslip equilibria for high alpha --- supersonic fighter aircraft p 284 A83-24031
- Delta canard configuration at high angle of attack p 285 A83-24650
- Flat spin of slender bodies at high angles of attack p 286 A83-24679
- High angle-of-attack cascade measurements and analysis p 419 A83-35875
- Seven-hole cone probes for high angle flow measurement Theory and calibration p 474 A83-36085
- Stability of aircraft motion in critical cases p 544 A83-37066
- Bifurcation and limit cycle analysis of nonlinear systems with an application to aircraft at high angles of attack p 544 A83-37080
- Determination of aerodynamic parameters of a fighter airplane from flight data at high angles of attack [AIAA PAPER 83-2086] p 623 A83-41904
- An investigation of the breakdown of the leading edge vortices on a delta wing at high angles of attack [AIAA PAPER 83-2114] p 579 A83-41941
- F/A-18 high angle of attack departure resistant criteria for control law development p 626 A83-41950
- [AIAA PAPER 83-2126] p 626 A83-41950
- Wing modification for increased spin resistance [SAE PAPER 830720] p 627 A83-43327
- Estimation of parameters involved in high angle-of-attack aerodynamic theory using spin flight test data [AIAA PAPER 83-2086] p 627 A83-43809
- Aerodynamic aspects of aircraft dynamics at high angles of attack p 658 A83-43964
- Effects of angle of attack on transonic flutter of a supercritical wing p 726 A83-48213
- Stability and control for high angle of attack maneuvering p 50 A83-10069
- Experience of non-linear high incidence aerodynamic characteristics p 50 A83-10070
- A comparison of analytical techniques for predicting stability boundaries for some types of aerodynamic or cross-coupling nonlinearities p 51 A83-10071
- Aerodynamic characteristics of the AFFTC noseboom instrumentation unit, volume 1 [AD-A118315] p 14 A83-11089
- Flap effectiveness on subsonic longitudinal aerodynamic characteristics of a modified arrow wing [NASA-TM-84582] p 245 A83-18673
- Modern fighter aircraft design for high-angle-of-attack maneuvering p 245 A83-18687
- Influence of configuration components of statically unstable combat aircraft on the aerodynamic design for high angle-of-attack p 245 A83-18694
- Angle of attack system p 292 A83-18769
- An experiment to improve the surge margin by use of cascade with splitter blades p 283 A83-18956
- Flutter and steady/unsteady aerodynamic characteristics of supercritical and conventional transport wings p 345 A83-22218
- Crab angle estimation with two dimensional cross correlations and centroids p 382 A83-23289
- [AD-A122872] p 382 A83-23289
- The effect of asymmetric attack on trim angle of attack p 377 A83-24473
- [NASA-TM-84309] p 377 A83-24473
- F-14 rotary balance tests for an angle-of-attack range of 0 deg to 90 deg p 441 A83-25700
- [AD-A124468] p 441 A83-25700
- Model mount system for testing flutter [NASA-CASE-LAR-12950-1] p 465 A83-25727
- Wing-alone aerodynamic characteristics to high angles of attack at subsonic and transonic speeds [AD-A125764] p 504 A83-27963
- The high angle of attack behavior of a combat aircraft Correlation between prediction and flight --- Mirage 2000 aircraft p 604 A83-30367
- The use of free-flight models for the prediction of departure control p 593 A83-30368
- Aspects of correlation in the identification of dynamic effects from complimentary techniques Evolution at high angles p 628 A83-30375
- Convergence behavior that controls adaptive wind tunnel walls near the test section in the high angle of attack range [NASA-TM-77006] p 631 A83-30439
- Average downwash at the tailplane at low angles of attack and subsonic speeds, Amendment A [ESDU-80020-AMEND-A] p 663 A83-32747
- Angle-of-attack feedback in manual aircraft control Piloting techniques and some flight training implications p 751 A83-34954
- ANGLES (GEOMETRY)**
- Three-dimensional wall corrections for ventilated wind tunnels p 348 A83-20965
- Some experiments on Yaw stability of wind turbines with various coning angles [NASA-CR-168108] p 362 A83-22740
- ANGULAR ACCELERATION**
- Excessive roll damping can cause roll ratchet p 395 A83-30171
- ANGULAR VELOCITY**
- The vortex theory of rotors p 178 A83-15095
- Angular motion of a spinning projectile with a viscous liquid payload p 544 A83-37067
- Recursive relationships for body axis rotation rates p 570 A83-37074
- State of the art and development potential of fiberoptic rotation sensors --- for inertial navigation p 734 A83-47187
- Computation of incompressible potential flow over an airfoil using a high order aerodynamic panel method based on circular arc panels [AD-A124896] p 428 A83-26825
- ANISOTROPIC PLATES**
- The effect of stringers on the stress-strain state near a hole or crack in an anisotropic plate p 556 A83-37516
- ANISOTROPY**
- Liquid crystal displays p 611 A83-30420
- Structural mechanics of fibre composites p 635 A83-30530
- NDI of fibre reinforced composite materials p 636 A83-30534
- ANNULAR DUCTS**
- Sound propagation in segmented exhaust ducts - Theoretical predictions and comparison with measurements [AIAA PAPER 83-0734] p 366 A83-28016
- Radiation of sound from unflanged cylindrical ducts [NASA-CR-172171] p 705 A83-33591
- ANNULAR FLOW**
- Characteristic time ignition model extended to an annular gas turbine combustor p 39 A83-10666
- Effect of entry boundary layer thickness on secondary flows in an annular cascade of turbine nozzle and rotor blades p 419 A83-35868
- A configuration to improve the aerodynamics and scope of can-annular combustors [ASME PAPER 83-GT-37] p 737 A83-47898

## SUBJECT INDEX

- A simple method for designing optimum annular diffusers  
[ASME PAPER 83-GT-42] p 737 A83-47902
- A compact diffuser system for annular combustors  
[ASME PAPER 83-GT-43] p 738 A83-47903
- A preliminary study of annular diffusers with constant diameter outer walls (suitable for turbine exits)  
[ASME PAPER 83-GT-218] p 744 A83-48018
- ANNULAR NOZZLES**  
Model aerodynamic test results for a refined actuated inlet ejector nozzle at simulated takeoff and cruise conditions  
[NASA-CR-168051] p 426 N83-26816
- ANNULI**  
Investigation of a low NO<sub>x</sub> full-scale annular combustor  
[NASA-CR-165518] p 202 N83-13104
- ANODIZING**  
Service history of phosphoric acid anodized aluminum structure -- with adhesive bonding for aircraft construction  
Improved chromatic acid anodize seal for optimum paint adhesion  
[SAE PAPER 820603] p 696 A83-45884
- ANOMALIES**  
Airport Surface Detection Equipment (ASDE)-3 improvements test and evaluation  
[DOT/FAA/RD-82/23] p 187 N83-12063
- ANTENNA ARRAYS**  
Airframe multipath effects in airborne adaptive antenna arrays  
p 143 A83-18627
- The application of sub-optimal control methods to adaptive antennas for airborne communication systems  
p 143 A83-18632
- Recent examples of conformal microstrip antenna arrays for aerospace applications  
p 144 A83-18672
- Synthesis of conformal HF and VHF directional arrays on spherical bodies using surface resonator techniques  
p 181 A83-18679
- Radiation characteristics of radial waveguide fed slot arrays of various shapes  
p 181 A83-18692
- Perturbation adaptive array processor for airborne application  
p 320 A83-27913
- New advances in wide band dual polarization antenna elements for EW applications  
p 430 A83-35087
- Low-sidelobe radar antennas  
p 639 A83-40757
- Relationship between the adaptive performance of antenna arrays and their underlying electromagnetic characteristics  
p 219 N83-13324
- Measuring the antenna pattern of the HF heater antenna in Puerto Rico  
[AD-A119963] p 186 N83-15558
- An algorithm to select element locations of an adaptive array  
[AD-A120486] p 186 N83-15570
- Jam resistant communications systems techniques  
[AD-A126217] p 563 N83-29579
- The role and nature of adaptive antennas in ECCM  
[AD-P000823] p 701 N83-34148
- Proceedings of the Antenna Applications Symposium (1982)  
[AD-A129356] p 765 N83-36338
- ANTENNA COMPONENTS**  
Synthesis of conformal HF and VHF directional arrays on spherical bodies using surface resonator techniques  
p 181 A83-18679
- ANTENNA COUPLERS**  
Antenna couplers - The aircraft interface  
p 17 A83-10738
- ANTENNA DESIGN**  
Near and far field airborne antenna pattern analysis  
p 143 A83-18645
- Recent examples of conformal microstrip antenna arrays for aerospace applications  
p 144 A83-18672
- Constrained optimization of monopulse circular aperture distribution in the presence of blockage  
p 259 A83-26835
- Perturbation adaptive array processor for airborne application  
p 320 A83-27913
- New advances in wide band dual polarization antenna elements for EW applications  
p 430 A83-35087
- A rapid-tuning high-power pod-mounted VHF antenna system  
p 430 A83-35088
- Multimode planar spiral for DF applications  
p 430 A83-35089
- A network formulation for phased arrays - Application to log-periodic arrays of monopoles on curved surfaces  
p 431 A83-35090
- Comparative analysis of a phase and an amplitude processor for amplitude monopulse systems  
p 431 A83-35192
- Low-sidelobe radar antennas  
p 639 A83-40757
- Near field analysis of airborne antenna  
[AD-A127246] p 648 N83-31931

## ANTENNA FEEDS

- Airport Surface Detection Equipment (ASDE)-3 improvements test and evaluation  
[DOT/FAA/RD-82/23] p 187 N83-12063

## ANTENNA RADIATION PATTERNS

- Airframe multipath effects in airborne adaptive antenna arrays  
p 143 A83-18627
- Near and far field airborne antenna pattern analysis  
p 143 A83-18645
- An asymptotic high frequency analysis of the radiation from sources on perfectly-conducting structures with an impedance surface patch  
p 144 A83-18647
- Recent examples of conformal microstrip antenna arrays for aerospace applications  
p 144 A83-18672
- Synthesis of conformal HF and VHF directional arrays on spherical bodies using surface resonator techniques  
p 181 A83-18679
- Radiation patterns of a quarter-wave monopole on a finite ground plane -- for aircraft antennas  
p 144 A83-18682
- Radiation characteristics of radial waveguide fed slot arrays of various shapes  
p 181 A83-18692
- Analysis of microstrip wraparound antennas using dyadic Green's function  
p 258 A83-26830
- Multimode planar spiral for DF applications  
p 430 A83-35089
- Comparative analysis of a phase and an amplitude processor for amplitude monopulse systems  
p 431 A83-35192
- Analysis of airborne antenna patterns  
[NASA-CR-169448] p 66 N83-10323
- Relationship between the adaptive performance of antenna arrays and their underlying electromagnetic characteristics  
p 219 N83-13324
- Measuring the antenna pattern of the HF heater antenna in Puerto Rico  
[AD-A119963] p 186 N83-15558
- An algorithm to select element locations of an adaptive array  
[AD-A120486] p 186 N83-15570
- The performance of VHF and UHF aereals mounted on carbon fiber composite materials  
p 560 N83-28092
- Positioning of jamming aircraft using the integrated refractive effects prediction system  
[AD-A125644] p 560 N83-28308
- Near field analysis of airborne antenna  
[AD-A127246] p 648 N83-31931
- Proceedings of the Antenna Applications Symposium (1982)  
[AD-A129356] p 765 N83-36338
- ANTENNAS**  
Algorithm for Surface of Translation Attached Radiators (A-STAR) Volume 1 Formulation of the analysis  
[AD-A118459] p 217 N83-12318
- Failure Modes, Effects and Criticality Analysis (FMECA) of type AN/GRN-27 (V) instrument landing system with traveling-wave localizer antenna  
[DOT/FAA/PM-83/18] p 382 N83-24492
- ANTHRACENE**  
Evaluation of ultraviolet spectrophotometry for simultaneous analysis of alkylbenzenes, alkylanthracenes, alkylanthracenes/phenanthrenes and total aromatics in mid-distillate fuels  
[NASA-TM-83032] p 179 N83-15483
- ANTHROPOMETRY**  
Ejection seat testing for females  
[AD-A122870] p 381 N83-23285
- ANTIAIRCRAFT MISSILES**  
Status and concerns for preferred orientation control of high performance antiair tactical missiles  
[AIAA PAPER 83-2198] p 620 A83-41683
- The optimal evasive maneuver of a fighter against proportional navigation missiles  
[AIAA PAPER 83-2139] p 626 A83-41961
- ANTICING ADDITIVES**  
A method of predicting flow rates required to achieve anti-icing performance with a porous leading edge ice protection system  
[NASA-CR-168213] p 668 N83-32782
- ANTIMISTING FUELS**  
Degradation and characterization of antimisting kerosene  
p 294 A83-24035
- Application of digital image analysis techniques to antimisting fuel spray characterization  
[ASME PAPER 82-WA/HT-23] p 295 A83-25690
- Feasibility of a full-scale degrader for antimisting kerosene  
[AIAA PAPER 83-1137] p 469 A83-38240
- Testing of antimisting kerosene in the DC-10/KC-10 fuel system simulator  
[SAE PAPER 821485] p 550 A83-38004
- Rheological behavior of FM-9 solutions and correlation with flammability test results and interpretations -- fuel thickening additive  
p 691 A83-44856

## APPROACH CONTROL

- A vortex venturi for reverting antimisting fuel properties  
[ASME PAPER 83-GT-137] p 741 A83-47964
- Antimisting kerosene atomization and flammability  
[NASA-CR-169385] p 211 N83-12246
- Functional characteristics and heat transfer of antimisting fuels in tubes  
[NASA-CR-169388] p 211 N83-12248
- The effect of additives on the aerosolization of JP-5 jet fuel  
[AD-A119324] p 178 N83-14294
- Anti-misting additives for jet fuels  
[NASA-CR-169751] p 225 N83-16417
- Viscometric and misting properties of polymer-modified fuel  
[NASA-CR-169750] p 226 N83-16543
- Degradation and characterization of antimisting kerosene (AMK)  
[MED-132] p 297 N83-19922
- Correlation of flammability test data of antimisting fuels  
[FAA-CT-82-29] p 352 N83-22441
- Compatibility study of antimisting kerosene and the DC/KC-10 fuel system  
[FAA-CT-82-116] p 404 N83-23466
- Influence of liquid water and water vapor on antimisting kerosene (AMK)  
[NASA-CR-170280] p 404 N83-24711
- Characterization and degradation studies on synthetic polymers for aerospace application  
[NASA-CR-172996] p 698 N83-33014
- Correlation of flammability test data on antimisting fuels  
[AD-A127142] p 694 N83-34068
- ANTIOXIDANTS**  
The effect of additive compositions on the oxidation stability of T-6 fuel  
p 58 A83-10458
- ANTISHIP MISSILES**  
B-52 roles in sea control  
p 186 A83-20646
- ANTISHIP WARFARE**  
B-52 roles in sea control  
p 186 A83-20646
- ANTISKID DEVICES**  
Review of NASA antiskid braking research  
[SAE PAPER 821393] p 517 A83-37969
- ANTISUBMARINE WARFARE**  
LAMPS MK III acoustic target tracker  
p 609 A83-41533
- The management of a large real-time military avionics project  
p 335 N83-22144
- ANTISUBMARINE WARFARE AIRCRAFT**  
All-weather small-deck operations in the U.S. Navy  
[SAE PAPER 821503] p 508 A83-38010
- Structural demonstration of the SH-60B helicopter, appendix 1 and 2  
[SER-520235] p 194 N83-13092
- ANTITANK MISSILES**  
Antitank missiles night firing from Aerospatiale helicopters  
[SNIAS-822-320-101] p 58 N83-10102
- APERTURES**  
Constrained optimization of monopulse circular aperture distribution in the presence of blockage  
p 259 A83-26835
- APPALACHIAN MOUNTAINS (NORTH AMERICA)**  
Loran-C en route accuracies in the central Appalachian region  
[FAA-RD-82-24] p 147 N83-15274
- APPLICATIONS PROGRAMS (COMPUTERS)**  
Aeronautics research and technology program and specific objectives  
[NASA-TM-85163] p 176 N83-13059
- Pan Air Geometry Management System (PAGMS) A data-base management system for PAN Air geometry data  
[NASA-CR-16581] p 771 N83-35943
- APPROACH**  
Handling qualities criteria for STOL flight path control for approach and landing  
[AIAA PAPER 83-2106] p 625 A83-41935
- In-flight investigation of large airplane flying qualities for approach and landing  
[AD-A120202] p 206 N83-16332
- A piloted flight simulator study of conflict of interest wind modelling techniques  
[UTIAS-TN-238] p 401 N83-23329
- Helicopter noise exposure curves for use in environmental impact assessment  
[AD-A123467] p 413 N83-25500
- APPROACH CONTROL**  
Assessment of advanced fighter powered approach simulations  
[AIAA PAPER 83-0141] p 168 A83-16550
- Integrated navigation by supplementing MLS with DAS -- DME-based Azimuth System  
p 256 A83-24872
- Integrated flight path control system  
p 286 A83-26477

## APPROACH INDICATORS

- Structure and mode of operation of an interactive onboard four-dimensional flight path control system p 286 A83-26478
- Fault/maneuver tolerance of aided GPS demodulation/navigation processors in the non-precision approach environment p 323 A83-28787
- Thrust reverser effects on the tail surface aerodynamics of an F-18 type configuration [AIAA PAPER 83-1860] p 500 A83-38687
- Simulated fan-beam radar imagery --- use in assessing aircraft approach-to-landing paths p 559 A83-40302
- Instrument approach technique for poor-visibility landings p 590 A83-41228
- Carrier landing simulation results of precision flight path controllers in manual and automatic approach [AIAA PAPER 83-2072] p 592 A83-41909
- Vectoring exhaust systems for STOL tactical aircraft [ASME PAPER 83-GT-212] p 744 A83-48013
- The landing approach in variable winds Curved glidepath geometries and worst-case wind modeling [UTIAS-254] p 26 N83-10028
- Effect of control system delays on fighter flying qualities p 51 N83-10073
- Instrument landing system localizer vector far field monitor development [FAA RD-82-62] p 188 N83-13087
- An in-flight investigation of pilot induced oscillation suppression filters during the fighter approach and landing task [NASA-CR-163116] p 204 N83-13110
- Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 1 Summary [AD-A119406] p 156 N83-14122
- Aircraft accident report Sun West Airlines Flight 104, Piper PA-31-350(T-1020), N41070, Durango-LaPlata County Airport, Durango, Colorado, December 31, 1981 [PB82-910413] p 197 N83-16309
- Maintenance of airport visual aid facilities Advisory circular [AC-150/5340-26] p 219 N83-16352
- Helical automatic approaches of helicopters with microwave landing systems [NASA-TP-2109] p 260 N83-18704
- Application of Calspan pitch rate control system to the Space Shuttle for approach and landing [NASA-CR-170402] p 397 N83-24513
- Computer B (National Airspace System - Automated Radar Terminal Systems) communications support [FAA-PM-83-16] p 407 N83-24742
- A flight-test and simulation evaluation of the longitudinal final approach and landing performance of an automatic system for a light wing loading STOL aircraft [NASA-TM-84270] p 461 N83-26845
- LORAN-C nonprecision approaches in the northeast corridor [FAA-RD-82-78] p 515 N83-29192
- ### APPROACH INDICATORS
- Evaluation of control and display configurations for helicopter shipboard operations [AIAA PAPER 83-2486] p 734 A83-48346
- Predictor symbology in computer-generated pictorial displays [NASA-CR-169441] p 72 N83-10803
- Hazards of colour coding in visual approach slope indicators [ARL/REPT-25] p 186 N83-12057
- Development of the precision approach path indicator light unit [RAE-TM-FS(B)-483] p 202 N83-17527
- LORAN-C gnd calibration requirements for aircraft non-precision approach [AD-A121191] p 260 N83-18706
- An analytical evaluation of three visual approach slope indicators [AD-A122973] p 382 N83-23290
- Evaluation of Precision Approach Path Indicator (PAPI) [FAA-CT-82-153] p 383 N83-24495
- ### APPROPRIATIONS
- National Aeronautics and Space Administration p 74 N83-10989
- ### APPROXIMATION
- Second approximation of quadrupole wing theory in lifting surface theory p 375 A83-33004
- Calculation of the lift distribution and aerodynamic derivatives of quasi-static elastic aircraft p 10 N83-11036
- Hereditary models for airfoils in unsteady aerodynamics, numerical approximations and parameter estimation [AD-A118446] p 179 N83-12050
- A simple propulsion system model for the simulation of nonlinear dynamic thrust response [NASA-TM-77053] p 393 N83-23310

- Computation of incompressible potential flow over an airfoil using a high order aerodynamic panel method based on circular arc panels [AD-A124896] p 428 N83-26825
- Linear theory of pressure oscillations in liquid fueled ramjet engines p 685 N83-33886
- ### ARC MELTING
- An SEM analysis of bearing failure due to electrical arcing [AD-A127827] p 648 N83-32071
- ### ARCHITECTURE (COMPUTERS)
- A prototype parallel computer architecture for advanced avionics applications p 70 A83-11153
- Multiprocessors and their impact on integrated navigation and avionics - A status-of-the-art paper p 269 A83-24868
- HIMAT onboard flight computer system architecture and qualification p 529 A83-37061
- Flight management systems - What are they and why are they being developed? [AIAA PAPER 83-2235] p 621 A83-41712
- Integrated digital avionic systems - Promise and threats p 764 A83-48890
- Integrated flight/propulsion control system architectures for a high speed aircraft [AIAA PAPER 83-2563] p 746 A83-49595
- Integrated control system concept for high-speed aircraft [AIAA PAPER 83-2564] p 751 A83-50074
- Advanced flight control system study [NASA-CR-163117] p 205 N83-13113
- Advanced flight control system study [NASA-CR-163120] p 170 N83-15316
- Distributed micro-processor applications to guidance and control systems [AD A119562] p 236 N83-18295
- Microprocessor applications to guidance and control architectures p 236 N83-18297
- A functionally reliable avionics systems p 272 N83-20196
- Anemobarometric systems for next generation aircraft --- architecture for air data systems p 343 N83-22101
- ### ARCTIC REGIONS
- Arctic haze and the Arctic gas and aerosol sampling program /AGASP/ [AIAA PAPER 83-0439] p 188 A83-16714
- Tethered aerostat operations in arctic weather [AIAA PAPER 83-1998] p 522 A83-38919
- ### AREA NAVIGATION
- NAVSTAR GPS - State of development and future of this global navigation system p 25 A83-13009
- Accuracy and availability of various modern navigation procedures p 25 A83-13013
- The role of advanced navigation in future air traffic management p 252 A83-23372
- Multipath propagation in the radio field of aircraft navigation systems p 252 A83-23414
- Technical and operational evaluation of wide-area coverage navigation systems in the continental United States p 255 A83-24857
- Technical and operational evaluation of wide-area coverage navigation systems in the continental United States p 321 A83-28594
- Institute of Navigation, Annual Meeting, 38th, U.S. Air Force Academy, Colorado Springs, CO, June 14-17, 1982, Proceedings p 323 A83-29201
- VOR area navigation Techniques and results p 323 A83-29205
- A Kalman filter algorithm for terminal-area navigation with sensors of moderate accuracy p 670 A83-45460
- The emerging need for improved helicopter navigation p 671 A83-46930
- Coping with impulse interference in an advanced development, low-cost Omega/VLF RNAV system p 672 A83-46957
- Status of area navigation p 672 A83-46960
- Operational and control display concepts for flight management systems in new generation transport aircraft [AIAA PAPER 83-2489] p 735 A83-48348
- A simulation study of crew performance in operating an advanced transport aircraft in an automated terminal area environment [NASA-TM-84610] p 382 N83-24490
- LORAN-C nonprecision approaches in the northeast corridor [FAA-RD-82-78] p 515 N83-29192
- Development and evaluation of a Kalman-filter algorithm for terminal area navigation using sensors of moderate accuracy [NASA-TP-2035] p 515 N83-29193
- ### ARIANE LAUNCH VEHICLE
- Evolution of launch vehicle avionics [SNIAS-831-422-121] p 682 N83-32802

## SUBJECT INDEX

- ### ARIZONA
- A survey of helicopter and ambient urban noise levels in Phoenix, Arizona [AD-A123856] p 479 N83-26322
- ### ARMED FORCES (FOREIGN)
- Lightning strikes to aircraft of the German Federal Armed Forces p 586 N83-31193
- ### ARMED FORCES (UNITED STATES)
- USAF's design guide coming out next month p 239 A83-20647
- USAF mobility requirements --- User requirements [AIAA PAPER 83-1588] p 429 A83-36954
- AICUZ (Air Installation Compatible Use Zone) report [AD-A124974] p 483 N83-27801
- Summary of analysis of sources of forecasting errors in BP 1500 requirements estimating process and description of compensating methodology [AD-A128548] p 577 N83-31574
- Fuel conservation evaluation of US Army helicopters Part 5 AH-1S slight testing [AD-A128532] p 608 N83-31601
- ### AROMATIC COMPOUNDS
- Sooting tendency of fuels containing polycyclic aromatics in a research combustor p 225 A83-23138
- ### ARRAYS
- Software optimization for array processors An AP-120B Kalman filter [AD-A119221] p 189 N83-14973
- ### ARRESTING GEAR
- Fatigue life evaluation of the A-7E arresting gear hook shank p 175 A83-13912
- Development of curves for estimating aircraft arresting hook loads [AD-A119551] p 156 N83-14119
- ### ARROW WINGS
- Investigation of flow past an aircraft wing section in flight and in a wind tunnel p 493 A83-37506
- Flap effectiveness on subsonic longitudinal aerodynamic characteristics of a modified arrow wing [NASA-TM-84582] p 245 N83-18673
- Aeroelastic loads prediction for an arrow wing Task 1. Evaluation of R. P. White's method [NASA-CR-3640] p 316 N83-22163
- Aeroelastic loads prediction for an arrow wing Task 2. Evaluation of semi-empirical methods [NASA-CR-3641] p 316 N83-22164
- Aeroelastic loads prediction for an arrow wing Task 3. Evaluation of the Boeing three-dimensional leading edge vortex code [NASA-CR-3642] p 377 N83-24479
- Low-speed aerodynamic characteristics of a highly swept, untwisted uncambered arrow wing [NASA-TP-2176] p 718 N83-36000
- ### ARTEMIA
- Environmental quality research Fate of toxic jet fuel components in aquatic systems [AD-A122548] p 351 N83-21168
- ### ARTERIES
- Traumatic occlusion of the vertebral artery caused by neck rotation [AD-A126922] p 606 N83-30409
- ### ARTIFICIAL INTELLIGENCE
- Symbolic pattern matching for target acquisition p 24 A83-11460
- Computer aided engineering - The AI connection p 569 A83-40307
- An expert distributed robotics system with comprehension and learning abilities in the aircraft flight domain [AD-A127739] p 652 N83-32401
- ### ASPECT RATIO
- Alternative wing concepts for a long-distance aircraft of the nineties [DGLR PAPER 82-029] p 261 A83-24155
- Lunate-tail swimming propulsion as a problem of curved lifting line in unsteady flow 1 Asymptotic theory [USCAE-139] p 561 N83-28377
- Contribution of wing planform to rolling moment derivative due to sideslip, (L sub V) sub W, at subsonic speeds [ESDU-80033] p 663 N83-32751
- ### ASPHALT
- Thermal properties of some asphaltic concrete mixes [AIAA PAPER 83-1598] p 399 A83-33361
- Evaluation of properties of recycled asphalt concrete hot mix [AIAA PAPER 83-1599] p 399 A83-33362
- Current practices on nighttime pavement construction asphaltic concrete [DOT/FAA/RD-80/121] p 207 N83-12101
- Braking of an aircraft tire on grooved and porous asphaltic concrete [FAA-CT-82-147] p 360 N83-22593
- ### ASSEMBLER ROUTINES
- Software development Design and reality p 363 N83-22114



## ASSEMBLIES

- Multi-level substructural analysis in modal synthesis - Two improved substructural assembling techniques p 300 A83-26764

## ASSEMBLING

- The general assembly and painting of the Yier - 86 passenger plane p 32 N83-11054

## ASSURANCE

- The impact of reliability improvement warranties on naval aviation maintenance at the fleet level [AD-A126810] p 658 N83-33841

## ASTRONAUTICS

- Israel Annual Conference on Aviation and Astronautics, 24th, Tel Aviv and Haifa, Israel, February 17, 18, 1982, Collection of Papers p 186 A83-21001
- Deutsche Forschungs- und Versuchsanstalt fuer Luft- und Raumfahrt, Annual Report 1981 -- Book p 241 A83-23850

## ASTRONOMICAL MODELS

- Unified theory of motion of inner planets p 655 N83-30457

## ASTRONOMICAL OBSERVATORIES

- ASTROPLANE - A European airborne observatory for infrared astronomy p 573 A83-40455

## ASTRONOMICAL TELESCOPES

- Infrared observations from the NASA Airborne Observatories p 573 A83-40454
- ASTROPLANE - A European airborne observatory for infrared astronomy p 573 A83-40455

## ASTRONOMY

- Present status and new trends in scientific ballooning in India p 525 A83-39817

## ASYMPTOTIC METHODS

- An asymptotic high frequency analysis of the radiation from sources on perfectly-conducting structures with an impedance surface patch p 144 A83-18647
- Lunate-tail swimming propulsion as a problem of curved lifting line in unsteady flow I Asymptotic theory [USCAE-139] p 561 N83-28377

## ASYMPTOTIC SERIES

- A discretized asymptotic method for unsteady helicopter rotor airloads [AIAA 83-0989] p 313 A83-29867
- Optimal periodic control [AD-A130114] p 752 N83-36037

## ATLANTIC OCEAN

- Observations regarding the MNPS in the North Atlantic and considerations concerning their applicability in the European air space I p 14 A83-13011
- Oceanic Area System Improvement Study (OASIS) Volume 2 North Atlantic region air traffic services system description [FAA-EM-81-17-VOL 2] p 201 N83-16315
- Oceanic Area System Improvement Study (OASIS) Volume 5 North Atlantic Central East Pacific, and Caribbean regions communication systems description [FAA-EM-81-17-VOL 5] p 201 N83-16318
- Oceanic Area System Improvement Study (OASIS) Volume 7 North Atlantic region flight cost model results [FAA-EM-81-17-VOL 7] p 201 N83-16319
- Oceanic Area System Improvement Study (OASIS) Volume 9 Flight cost model description [FAA-EM-81-17-VOL 9] p 201 N83-16321
- Oceanic Area System Improvement Study (OASIS) Volume 10 North Atlantic, Central East Pacific, and Caribbean regions aviation traffic forecasts [FAA-EM-81-17-VOL 10] p 201 N83-16322
- ATMOSPHERIC & OCEANOGRAPHIC INFORM SYS Joint Airport Weather Studies (AWS) project p 704 N83-33840

## ATMOSPHERIC ATTENUATION

- Obscuration by helicopter produced snow clouds p 197 A83-22357

## ATMOSPHERIC BOUNDARY LAYER

- The simulation of temperature-stratified atmospheric boundary layers in a wind tunnel p 689 A83-46492

## ATMOSPHERIC CHEMISTRY

- Composite design of an advanced airborne monitoring system [DE82-006980] p 235 N83-18106
- High altitude jet fuel photochemistry [AD-A125035] p 471 N83-27035

## ATMOSPHERIC CIRCULATION

- Wakes from arrays of buildings --- flight safety p 558 A83-38766
- The use of pressure fluctuations on the nose of an aircraft for measuring air motion p 566 A83-39118
- Wakes from arrays of buildings --- flight safety [NASA-CR-170666] p 183 N83-14430

## ATMOSPHERIC COMPOSITION

- Arctic haze and the Arctic gas and aerosol sampling program /AGASP/ [AIAA PAPER 83-0439] p 188 A83-16714
- Activities report of the French aerospace and research industry p 221 N83-17564

## ATMOSPHERIC EFFECTS

- Supersonic maneuvers without superbooms p 189 A83-21021
- Effect of humidity on jet engine axial flow compressor performance p 448 A83-35856

## ATMOSPHERIC ELECTRICITY

- AEPH for advanced technology aircraft --- Atmospheric Electricity Hazard Protection p 2 A83-11086
- Atmospheric electricity and air transport safety [ONERA, TP NO 1982-82] p 181 A83-14534
- Electrodynamics of the stratosphere using 5000 cm m superpressure balloons p 525 A83-39818
- A systematic characterization of the effects of atmospheric electricity on the operational conditions of aircraft [ONERA, TP NO 1983 59] p 719 A83-48180
- Eighth International Aerospace and Ground Conference on Lightning and Static Electricity Lightning Technology Roundup [FAA-CT-83-25] p 649 N83-31163
- Atmospheric electricity hazards protection program p 649 N83-31165
- Atmospheric electricity threat definition for aircraft lightning protection p 586 N83-31192
- Lightning strikes to aircraft of the German Federal Armed Forces p 586 N83-31193
- Vulnerability assessment of electrical/electronic subsystems and equipment to atmospheric electricity p 588 N83-31224

## ATMOSPHERIC ENTRY

- The effect of asymmetric attack on trim angle of attack [NASA TM-84309] p 377 N83-24473

## ATMOSPHERIC HEATING

- Heater-generated intermediate-scale irregularities Spatial distribution and spectral characteristics [AD-A120866] p 302 N83-20048

## ATMOSPHERIC MODELS

- Numerical simulation of the atmosphere during a CAT encounter p 565 A83-38764
- A model for nocturnal frost formation on a wing section Aircraft takeoff performance penalties [NASA-CR-3733] p 768 N83-36598

## ATMOSPHERIC MOISTURE

- Airworthiness considerations p 636 N83-30537

## ATMOSPHERIC OPTICS

- Analysis of aero-optic interface phenomena p 190 A83-22588
- Observations of optical lightning emissions from above thunderstorms using U-2 aircraft p 234 A83-22703
- Estimation regarding the feasibility of using larger distances in measurements with L2F systems in flight tests --- Laser-two-Focus p 300 A83-26487
- Lidar system for visibility monitoring p 406 A83-32449
- Wide beam atmospheric optical communication for aircraft application using semiconductor diodes p 669 A83-44159

## ATMOSPHERIC PHYSICS

- Development of closed loop roll control for magnetic balance systems [NASA CR-166017] p 208 N83-13122
- (?) The Air Force Geophysics Laboratory Aeronomy, aerospace instrumentation space physics, meteorology, terrestrial sciences and optical physics [AD A126004] p 767 N83-36570

## ATMOSPHERIC REFRACTION

- A ray tracing computer analysis program /RAYCAP/ for airborne surveillance radar applications p 23 A83-11243
- Atmospheric effects on ultra high frequency radio propagation [AD A119581] p 183 N83-14388

## ATMOSPHERIC SOUNDING

- Measurements of an aircraft wake vortex system using a meteorological tower p 565 A83-38751
- The use of pressure fluctuations on the nose of an aircraft for measuring air motion p 566 A83-39118
- The radiation controlled balloon (RACCOON) p 524 A83-39803
- An atmospheric sounding balloon with ballast - An automatic numerical model for its manufacture and simulation of its evolution p 524 A83-39804
- Coherent CO2 lidar systems for remote atmospheric measurements p 760 A83-47808

## ATMOSPHERIC TEMPERATURE

- Flight summaries and temperature climatology at airliner cruise altitudes from GASP (Global Atmospheric Sampling Program) data [NASA-CR-168106] p 409 N83-24048

## ATMOSPHERIC TURBULENCE

- Noise of a model helicopter rotor due to ingestion of isotropic turbulence p 190 A83-18397
- A simulation model for the analysis of the dynamic behavior of a helicopter rotor under nonstationary limit flight conditions p 204 A83-23220

- Doppler radar and aircraft measurements of thunderstorm turbulence p 360 A83-27043
- Estimation of turbulence severity in precipitation environments by radar p 360 A83-27044
- The lateral response of an airship to turbulence [AIAA PAPER 83-1989] p 502 A83-38915
- Coupled flap-torsional response of a rotor blade in forward flight due to atmospheric turbulence excitations p 618 A83-41073

- The estimation method on flutter boundary from subcritical random responses due to air turbulences Problems of test procedures and data analysis [NAL-TR-718] p 217 N83-17554
- A conceptual framework for using Doppler radar acquired atmospheric data for flight simulation [NASA-TP-2192] p 526 N83-27977
- Correlation aspects in the identification of dynamic effects using complementary techniques flight in turbulence Gust alleviation p 628 N83-30374

- ATMOSPHERICS Hard limiter performance as a polarity detector for extremely polluted signals --- in Ioran C navigation systems p 144 A83-19026
- ATOMIC CLOCKS Phase 2A bench model development tactical rubidium frequency standard [AD-A124462] p 477 N83-25990
- ATOMIZERS Effect of air, liquid and injector geometry variables upon the performance of a plain-jet airblast atomizer p 473 A83-35809
- Influence of atomizer design features on mean drop size p 612 A83-40865

- ATOMIZING The effect of fuel atomization on soot-free combustion in a prevaporizing combustor p 446 A83-35812
- Antimisting kerosene atomization and flammability [NASA-CR-169385] p 211 N83-12246
- Comparative evaluation of gas-turbine engine combustion chamber starting and stalling characteristics for mechanical and air-injection [NASA-TM-77024] p 684 N83-32805

- ATTACK AIRCRAFT Estimation of helicopter and target motion for the advanced attack helicopter fire control system p 143 A83-18378
- Design for testing of a low altitude night-in-weather attack system [AIAA PAPER 83-1061] p 432 A83-36470
- Frogfoot A new Sturmovik on trial p 595 A83-41320

- STOL attack aircraft design based on an upper surface blowing concept [AIAA PAPER 83-2535] p 729 A83-48369
- Fluid Dynamics Panel Symposium on Aerodynamics of Power Plant Installation [AGARD-AR-173] p 45 N83-11138
- Statistical review of counting accelerometer data for Navy and Marine fleet aircraft [AD A121989] p 267 N83-19744
- Development and employment of fixed-wing gunships, 1962-1972 [AD A122538] p 331 N83-20935
- Some measurements of buffeting on a flutter model of a typical strike aircraft p 627 N83-30370

- ATTACKING (ASSAULTING) Proposed specifications for international interoperability on repaired bomb damaged runways p 175 N83-15286

- ATTENUATION Wake vortex attenuation flight tests - A status report p 30 A83-11806
- Measurements of the attenuation of an Army headset [BR84535] p 309 N83-20704

- ATTITUDE (INCLINATION) Flight at supersonic attitudes [SAE PAPER 821469] p 544 A83-38000
- Gyroscopic instruments and their application to flight testing [AGARD-AG-160-VOL-15] p 233 N83-17855

- ATTITUDE CONTROL The measurement of impulsive forces on a wind tunnel model with a conventional strain gage balance p 55 A83-11069
- Digital homing guidance - Stability vs performance trade-offs [AIAA PAPER 83-2167] p 590 A83-41663
- Flight-test results using nonlinear control with the F-8C digital fly-by-wire aircraft [AIAA PAPER 83-2174] p 619 A83-41669
- A design study of a reaction control system for a V/STOL fighter/attack aircraft [ASME PAPER 83-GT-199] p 743 A83-48002
- Piloted handling qualities design criteria for high order flight control systems p 49 N83-10058

## ATTITUDE GYROS

- Evaluation of helicopter pilot's attitude control using a simulated head-up display in a simulated helicopter cockpit  
[AD-A119570] p 219 N83-16355  
The NASA Aviation Safety Reporting System  
[NASA-TM-84339] p 721 N83-34923

## ATTITUDE GYROS

- A new strapdown attitude algorithm  
p 511 A83-37068

## ATTITUDE INDICATORS

- 'Light bar' attitude indicator p 197 A83-16136  
Simulator studies to develop and improve flight attitude information p 197 A83-16334  
Angle of attack system p 292 N83-18769  
Theory underlying the peripheral vision horizon device  
[AD-A124426] p 445 N83-25710  
Aircraft body-axis rotation measurement system  
[NASA-CASE-FRC-1043-1] p 682 N83-33882

## ATTITUDE STABILITY

- Model attitude and deformation measurement in wind tunnel  
[ONERA, TP NO 1982-91] p 181 A83-18428  
Space Shuttle stability and control derivatives estimated from the first entry p 544 A83-37065  
A new strapdown attitude algorithm p 511 A83-37068

## AUDIO EQUIPMENT

- Bus protocols for a digital audio distribution system  
p 19 A83-11126

## AUDIOLOGY

- Activities of the Institute of Sound and Vibration Research p 707 N83-33687

## AUDITORY PERCEPTION

- Pilot ability to understand synthetic voice and radio voice when received simultaneously p 219 N83-13338  
[AD-A119137]  
A laboratory study of the perceived benefit of additional noise attenuation by houses  
[NASA-TM-85647] p 706 N83-33682

## AUDITORY SIGNALS

- Pilot ability to understand synthetic voice and radio voice when received simultaneously p 219 N83-13338  
[AD-A119137]

## AUDITORY STIMULI

- Multiple-event airplane noise annoyance  
[NASA-TP-2101] p 234 N83-16951

## AUGMENTATION

- Enhancement of heat transfer p 642 A83-42659  
Enhanced TCAS 2 p 145 N83-14088  
Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 2 Program plan, test data and analysis  
[AD-A119704] p 155 N83-14117  
Wind tunnel investigation of an upper surface blown-flap half model of the NALSTOL research aircraft  
[NAL-TR-734] p 245 N83-18674  
A piloted simulator investigation of side-stick controller/stability and control augmentation system requirements for helicopter visual flight tasks  
[NASA-CR-172852] p 754 N83-36041

## AUTOCLAVING

- Processing composite materials p 210 N83-12153  
Manufacturing processes for aeronautical structures p 227 N83-17620

## AUTOMATED GUIDEWAY TRANSIT VEHICLES

- Assessment of Houston Airport WEDway Automated Transit System  
[PB83-210443] p 754 N83-36042

## AUTOMATED PILOT ADVISORY SYSTEM

- Advantages of statistically interrogating onboard anticollision systems p 258 A83-26482  
Status of the TCAS program p 682 A83-46959

## AUTOMATED RADAR TERMINAL SYSTEM

- Mode S baseline radar tracking  
[FAA-RD-82-53] p 233 N83-17770  
Operational and technical evaluation of the full digital Automated Radar Terminal Systems (ARTS) Display (FDAD)  
[AD-A122269] p 324 N83-20930  
System description for automated radar terminal air traffic control system, ARTS 2 enhancements, revision A  
[FAA-PM-83-19-REV-A] p 382 N83-24494  
System description for automated radar terminal air traffic control system (ARTS II) Enhancements System description, revision A  
[AD-A128896] p 674 N83-33870

## AUTOMATIC CONTROL

- Automatic change detection of synthetic aperture radar imagery p 22 A83-11222  
Automated machining of turbine blades by Rolls-Royce p 229 A83-21348  
Automatic control of balloon altitude p 530 A83-39809

- Automated bonding process for load-bearing aircraft cellular structural components in light contour systems p 709 A83-47198

- Integrated research aircraft control technology with full authority digital electronic control  
[NASA-CR-163100] p 170 N83-15318

- The integrated manual and automatic control of complex flight systems  
[NASA-CR-170099] p 342 N83-20951

- Management and planning concepts p 326 N83-22185

- Advanced Automation System (AAS) transition strategy  
[FAA-AP-83-1] p 382 N83-24493

- FAA's plan to improve the air traffic control system A step in the right direction but improvements and better coordination are needed  
[GAO/AFMD-83-34] p 432 N83-25687

- Automatic control and data acquisition system for combustion laboratory applications  
[AD-A125195] p 470 N83-25829

- Studies on the cryogenic induction driven wind-tunnel T2 p 548 N83-28004

- Flight test experience on military aircraft engine handling p 541 N83-29248

- Design, fabrication and test of an integrated Built-In-Test (BIT) control unit  
[AD-A127278] p 631 N83-30441

- Automatic speech recognition as a cockpit interface p 736 N83-34899

## AUTOMATIC FLIGHT CONTROL

- Software configuration control in a real-time flight test environment p 29 A83-11144

- Economic modeling of fault tolerant flight control systems in commercial applications p 46 A83-11156

- Integrated flight and fire control development and flight test on an F-15B aircraft p 20 A83-11160

- Integrated airframe/propulsion controls technology p 46 A83-11175

- A digital flight control system verification laboratory p 55 A83-11178

- Applications of autopath technology to terrain/obstacle avoidance p 23 A83-11255

- Advanced fighter technology integrator /AFTI/ F-16 display mechanization p 196 A83-16132

- Simulation of a terrain following system p 186 A83-16333

- Qualification of the flight-critical AFTI/F-16 digital flight control system --- Advanced Fighter Technology Integration p 167 A83-16492

- DC-9 Super 80 digital flight guidance system simulation techniques for certification p 141 A83-17305

- Software design for the Douglas DC-9 Super 80 digital flight guidance system p 141 A83-17311

- The automated cockpit p 208 A83-20849

- Automation of on board flightpath management p 215 A83-21002

- Application of vector performance optimization to a robust control loop design for a fighter aircraft p 215 A83-21160

- The software-implemented fault tolerance /SIFT/ approach to fault tolerant computing p 235 A83-22825

- Flight management systems and data links p 285 A83-24424

- Multivariable stability margins for vehicle flight control systems p 285 A83-24815

- New on board equipments /PMS, FMS/ and the ATC system - Evolution or revolution p 269 A83-24859

- Synthesis of C(astenski)-model reference adaptive flight controller p 287 A83-26559

- On the routes - Boeing 757 with British Airways p 327 A83-29241

- Globally stable nonlinear flight control system p 395 A83-32425

- Using adaptive control to synthesize invariant and partially autonomous automatic stabilization systems p 460 A83-33900

- Flight management concepts development for fuel conservation p 447 A83-35843

- HiMAT onboard flight computer system architecture and qualification p 529 A83-37061

- A variable structure approach to robust control of VTOL aircraft p 544 A83-37145

- Meteorological data requirements for fuel efficient flight p 565 A83-38760

- Flight management computers (FMS) p 618 A83-40881

- Flight management systems What are they and why are they being developed? p 621 A83-41712

- Flight management systems - Where are we today and what have we learned? p 622 A83-41713

- [AIAA PAPER 83-2236]

- Flight Management Systems III - Where are we going and will it be worth it? p 622 A83-41714

- [AIAA PAPER 82-2237]

- Vertical flight path and speed control autopilot design using total energy principles p 622 A83-41716

- [AIAA PAPER 83-2239]

- Mixing 4D equipped and unequipped aircraft in the terminal area p 591 A83-41717

- [AIAA PAPER 83-2240]

- Robustness of a decoupled multivariable digital flight control system p 622 A83-41738

- [AIAA PAPER 83-2272]

- A generalized stage-state method for centralized fault-tolerant flight control system p 650 A83-41759

- [AIAA PAPER 83-2301]

- New results in fault latency modelling p 650 A83-41760

- [AIAA PAPER 83-2303]

- Sensitivity of digital flight control design to parameter estimation error p 624 A83-41921

- [AIAA PAPER 83-2089]

- Flight test experience with pilot-induced-oscillation suppressor filters p 625 A83-41938

- [AIAA PAPER 83-2107]

- Fail-operational DAFCS for business/commuter aircraft --- Digital Automatic Flight Control System p 626 A83-43324

- [SAE PAPER 830714]

- Digital simulation and control of the Machan UMA p 593 A83-43718

- A flight control and navigation system for small RPVs p 593 A83-43723

- Avionics analysed IV - Aircraft grey matter p 670 A83-44494

- Four-dimensional flight management using colour CRT displays p 681 A83-44689

- A Kalman filter algorithm for terminal-area navigation with sensors of moderate accuracy p 670 A83-45460

- Certification of the Lockheed 1011-500 active control system p 687 A83-45850

- The method of pole displacement in the artificial stabilization of dynamic systems p 705 A83-46500

- Operational and control display concepts for flight management systems in new generation transport aircraft p 735 A83-48348

- [AIAA PAPER 83-2489]

- Voice-actuated avionics p 724 A83-48891

- Application of optimal control synthesis to integrated vertical flight path and airspeed control for an advanced fighter p 751 A83-49594

- [AIAA PAPER 83-2560]

- Digital flight control system design using singular perturbation methods p 53 N83-11143

- [AD-A118117]

- Airborne flight trajectory planning as a new pilot task p 206 N83-13121

- [TUBS/FB-82-04-01]

- Advances in Guidance and Control Systems p 311 N83-22093

- [AD-A125687]

- Microprocessor implementation of fast-sampling direct digital flight-mode controllers p 342 N83-22096

- Avionic software design p 334 N83-22113

- Tornado flight control software validation Methodology and tools p 364 N83-22135

- Investigations on four-dimensional guidance in the TMA p 326 N83-22187

- HiMAT highly maneuverable aircraft technology, flight report p 388 N83-23294

- [NASA-CR-170245]

- An observer approach to the identification and isolation of sensor failures in flight control systems p 546 N83-28001

- [ESA-TT-738]

- Output feedback regulators for aircraft automatic control systems p 546 N83-28002

- [VTH-LR-339]

- Identification of primary flight control system characteristics from dynamic measurements p 546 N83-28003

- [VTH-LR-348]

- Development and evaluation of a Kalman-filter algorithm for terminal area navigation using sensors of moderate accuracy p 515 N83-29193

- [NASA-TP-2035]

- Restructurable Controls p 688 N83-33896

- [NASA-CP-2277]

- Experimental experience at Calspan p 688 N83-33900

- Self-repairing digital flight control system p 688 N83-33902

## AUTOMATIC GAIN CONTROL

- Characterization of the dynamical response of receivers to fading p 299 A83-26471

- Gain selection method and model for coupled propulsion and airframe systems p 52 N83-11139

- [NASA-TP-2067]

- A RF front end interface and AGC modification p 147 N83-15276

- [NASA-CR-169691]

## AUTOMATIC LANDING CONTROL

- Applications of head-up displays in commercial transport aircraft p 269 A83-24428

- Observers as noise filters in an automatic aircraft landing system p 285 A83-24434  
 Application of Monte-Carlo techniques to the 757/767 autoland dispersion analysis by simulation [AIAA PAPER 83-2193] p 619 A83-41678  
 Functional development of the 757/767 digital cat. IIIB Autoland System p 592 A83-41762  
 Integrated flight control systems development - The F/A-18A Automatic Carrier Landing System [AIAA PAPER 83-2162] p 623 A83-41765  
 Automatic Carrier Landing System (ACLS) category 3 certification manual [AD-A118181] p 57 N83-11147  
 Helical automatic approaches of helicopters with microwave landing systems [NASA-TP-2109] p 260 N83-18704  
 Automatic landing in bad weather conditions [SNIAS-822-111-106] p 381 N83-23287
- AUTOMATIC PILOTS**  
 Development of a flight test maneuver autopilot for a highly maneuverable aircraft [AIAA PAPER 83-0061] p 168 A83-16493  
 Closed-loop eigenvalue selection for reduced autopilot sensitivity to radome errors [AIAA PAPER 83-0062] p 140 A83-16494  
 Measurement of the frequency response of a digital autopilot [AIAA PAPER 83-0326] p 176 A83-16655  
 Identification of certain dynamic characteristics of a helicopter-autopilot system by means of simulation p 216 A83-23222  
 DC-9 Super 80 Digital Flight Guidance System integrated system testing [SAE PAPER 821364] p 529 A83-37959  
 Status and concerns for preferred orientation control of high performance anti-air tactical missiles [AIAA PAPER 83-2198] p 620 A83-41683  
 Vertical flight path and speed control autopilot design using total energy principles [AIAA PAPER 83-2239] p 622 A83-41716  
 The application and results of a new flight test technique [AIAA PAPER 83-2137] p 598 A83-41959  
 Design of a helicopter autopilot by means of linearizing transformations [NASA TM 84295] p 52 N83-11140  
 An analysis of aerodynamic requirements for coordinated bank-to-turn autopilots [NASA-CR 3644] p 180 N83-13072  
 Control logic for landing abort autopilot mode [UTIAS-258] p 204 N83-13111  
 A flight test maneuver autopilot for a highly maneuverable aircraft [NASA-TM-81372] p 205 N83-13115  
 HiMAT highly maneuverable aircraft technology, flight report [NASA-CR-170245] p 388 N83-23294  
 Design, implementation and flight testing of PIF autopilots for general aviation aircraft [NASA-CR-3709] p 547 N83-29270  
 Low cost fluidic sensors p 735 N83-34897
- AUTOMATIC TEST EQUIPMENT**  
 Automatic plotting of the results of bench tests of turbine engines p 39 A83-10444  
 ATE support of RF line replaceable units p 53 A83-10732  
 Aircraft systems test requirements analysis p 54 A83-10737  
 Antenna couplers - The aircraft interface p 17 A83-10738  
 The evolution of Navy Flight Line EW testers from AN/ALM-66 to AN/USM-406C p 54 A83-10739  
 The first implementation of ATLAS for testing gas turbine engines p 1 A83-10750  
 PETTS /Programmable Engine Trim Test Set/ p 54 A83-10752  
 Emulation, a cost effective alternative for replacing obsolete ATE p 69 A83-10763  
 Development of maintenance concepts for Navy ATE p 1 A83-10778  
 Lessons learned from maintenance applications of ATE p 1 A83-10780  
 On-line certification for ATE systems p 1 A83-10785  
 Status of the calibration support of the Navy ATE p 1 A83-10786  
 Design of an aircraft ice detector using microcomputer electronics to enhance system availability p 34 A83-11097  
 Automatic change detection of synthetic aperture radar imagery p 22 A83-11222  
 Electro-optical calibration considerations at intermediate maintenance levels p 232 A83-22883  
 Rethinking automation in NDT applications p 298 A83-23920
- Evaluation of the productivity of an automated system for the testing of aircraft engines p 338 A83-29277  
 Reducing the cost for airborne instrumentation hardware testing p 398 A83-32928  
 Design of algorithms to extract data from capacitance sensors to measure fastener hole profiles p 639 A83-41026  
 Gas turbine engine cascade wind tunnel with automatic data acquisition and control p 630 A83-42563  
 Automated diagnostic system for engine maintenance - vibration data extraction from gas turbine engines [ASME PAPER 83-GT-103] p 739 A83-47943  
 The Navy PATE program - A status report - Propulsion Automatic Test Equipment [ASME PAPER 83-GT-109] p 739 A83-47944  
 Avionics fault tree analyzer [AIAA PAPER 83-2452] p 723 A83-48335  
 Consolidated TPS implementation today and tomorrow - quality Test Program Sets for aircraft industry [AIAA PAPER 83-2495] p 763 A83-48350  
 New concepts for intermediate level maintenance - of avionics by ATE [AIAA PAPER 83-2498] p 763 A83-48353  
 The use of multiplex data buses in a high integrity system p 332 A83-22102  
 AH4 automatic test equipment requirements [AD-A122879] p 401 N83-23330
- AUTOMATION**  
 Rethinking automation in NDT applications p 298 A83-23920  
 Automated systems of control in civil aviation of the USSR p 513 A83-39219  
 Automation of preplanning as a means for enhancing quality in operational flight control II p 509 A83-39222  
 Automated riveter for spherical aircraft cell structures p 709 A83-47182  
 Review of the FAA 1982 National Airspace System Plan [PB83-102772] p 293 N83-19764
- AUTOMOBILE ENGINES**  
 Design of a low emission combustor for an automotive gas turbine [AIAA PAPER 83-0338] p 179 A83-16664  
 Ceramic components for high-temperature vehicular gas turbines State of the art of the German ceramic program [ASME PAPER 83-GT-205] p 762 A83-48006  
 Component qualification and initial build of the AGT 100 advanced automotive gas turbine [ASME PAPER 83-GT-225] p 763 A83-48023  
 Progress in net shape fabrication of alpha SiC turbine components [ASME PAPER 83-GT-238] p 763 A83-48030  
 Advanced Gas Turbine (AGT) powertrain system development program - automobile engines [NASA-CR 169475] p 200 N83-12088  
 Development of ceramic automobile turbine engine components [BMFT-FB-T 83-025] p 554 N83-29407  
 Development of high-temperature resistant, noncorrosive, nonmetallic ceramic materials, especially silicon nitride, for heat exchangers in gas turbine application [BMFT-FB-T-83-026] p 555 N83-29408
- AUTOMOBILE FUELS**  
 Autogas flight test in a Cessna 150 airplane [SAE PAPER 830706] p 599 A83-43317  
 Lightweight aircraft engines, the potential and problems for use of automotive fuels p 352 N83-22446  
 Manufacturing comparisons of aviation and motor gasolines p 352 N83-22448  
 Alternative fuel technology series Volume 1 Alternative fuels for transport [ISBN-0-902937-63-4] p 555 N83-29414
- AUTOMOBILES**  
 Prediction capability and improvements of the numerical notch analysis for fatigue loaded aircraft and automotive components p 213 A83-13907
- AUTONOMY**  
 Autonomy in military aircraft [AAS PAPER 83-041] p 691 A83-44168
- AUTOROTATION**  
 A method for calculating the parameters of a turbojet engine in the autorotation regime p 272 A83-23434  
 Autorotation - in fluid dynamics p 374 A83-31079  
 Estimation of windmilling drag and airflow of turbo-jet and turbo-fan engines [ESDU-81009] p 677 N83-32789  
 Windmilling of the rotor of a turbojet engine with an axial-flow compressor under flight conditions [NASA-TM 77087] p 686 N83-33892
- AUXILIARY POWER SOURCES**  
 Repair of the auxiliary power plants of aircraft - Russian book p 41 A83-11949
- The development of a central electrical generating system for transport vehicles p 300 A83-26885  
 Aircraft super integrated power unit [SAE PAPER 821461] p 534 A83-37995  
 Super integrated power unit (SIPU) for the F-16 engine start system [SAE PAPER 821462] p 534 A83-37996  
 Application of a hot gas high pressure rotary vane motor to aircraft APU starting [SAE PAPER 821464] p 534 A83-37997  
 Built-In Test Equipment (BITE) on the Garrett model GTC331 APU digital electronic control unit - for gas turbine aircraft auxiliary power system [ASME PAPER 83-GT-186] p 742 A83-47992  
 The GTC331, a 600 hp auxiliary power unit program - for advanced transport aircraft [ASME PAPER 83-GT-188] p 742 A83-47994  
 Emergency power for the F-16 aircraft [ASME PAPER 83-GT-189] p 742 A83-47995  
 The prospects and potential of all electric aircraft [AIAA PAPER 83-2478] p 745 A83-48341  
 Direct-current power supply units GVG 800/350 p 746 A83-50115  
 High-temperature (649 deg C/1200 deg F) coatings for gas-lubricated foil bearings of the Navy's advanced auxiliary power unit concepts p 185 N83-15538  
 Experience with the KHD APU T312 for a modern fighter type p 541 N83-29251
- AUXILIARY PROPULSION**  
 Repair of the auxiliary power plants of aircraft - Russian book p 41 A83-11949  
 Propulsion systems for rotary wing aircraft with auxiliary propulsors p 276 A83-24827
- AVAILABILITY**  
 Techniques for system readiness analysis p 70 A83-11155  
 Wartime maintenance impact on aircraft availability Quantifying the R&D investment payoff [AIAA PAPER 83-2515] p 711 A83-48359  
 Aircraft availability An acquisition decision strategy [AD-A123060] p 372 N83-23271  
 A combat aircraft availability assessment technique [ISBN-0-902937-80-4] p 658 N83-32708
- AVIONICS**  
 Antenna couplers - The aircraft interface p 17 A83-10738  
 Tarps test program set /parallel development of avionics and its support capability/ p 54 A83-10755  
 Integrated CNI A new testing challenge - Communication, Navigation and Identification p 18 A83-11095  
 ICNIA - Lessons learned on sensor integration - Integrated Communication Navigation Identification Avionics p 18 A83-11096  
 Air data systems for airplanes of the 1990's p 18 A83-11099  
 Embedded microprocessors for avionics applications p 70 A83-11104  
 A dynamic interface error performance simulation IV&V for the F-4F OFF - Independent Verification and Validation for Operational Flight Program p 70 A83-11114  
 Testing of voice control device for aircraft avionics applications p 19 A83-11122  
 Advanced speech technology in fighter cockpits - A new perspective on issues and applications p 19 A83-11125  
 Analysis of systems containing multiple, irregular sampling p 70 A83-11131  
 Color, pictorial display formats for future fighters p 35 A83-11134  
 A survey of avionics software support environments p 70 A83-11163  
 Video stand-alone instrument multi-function cockpit display system p 35 A83-11172  
 AEDCS A computer-aided system design tool for integrated avionics p 71 A83-11176  
 Fiber optic aircraft multiplex systems - Planning for the 1990s p 20 A83-11180  
 Fiber optics wavelength division multiplexing for aircraft applications p 21 A83-11181  
 Future Navy data bus requirements - Modular approach for flexible evolution p 21 A83-11184  
 An AN/APN-194/V/ radar altimeter/MIL STD-1553 interface circuit p 35 A83-11186  
 Integrated electrical power and avionics control system p 40 A83-11205  
 The design and implementation of the KC-135 Avionics Hot Bench Monitor p 36 A83-11227  
 Advanced terrain following radar for LANTIRN - Low Altitude, Navigation, Targeting Infrared at Night p 23 A83-11241  
 The aviation and radioelectronic equipment of the Yak 18T aircraft - Russian book p 195 A83-13814  
 Atmospheric electricity and air transport safety [ONERA, TP NO 1982-82] p 181 A83-14534

- Effective electromagnetic shielding in multilayer printed circuit boards p 215 A83-16122
- Flight simulation - Avionic systems and aero medical aspects, Proceedings of the International Conference, London, England, April 6, 7, 1982 p 175 A83-16326
- Stimulation versus simulation --- as illustrated with Mission System Avionics for Airborne Early Warning Nimrod p 185 A83-16332
- The Northrop F-20 avionics mission simulator [AIAA PAPER 83-0142] p 171 A83-16551
- Fiberoptics technology and its application to propulsion control systems [AIAA PAPER 83-0534] p 158 A83-16772
- Vibration isolation system development for the FB-111 tail pod electronics p 150 A83-16932
- Aircraft electrical equipment --- Russian book p 162 A83-17125
- Multifunction display simulation facility p 159 A83-17302
- Electromagnetic environment simulation for TCAS avionics --- Threat Alert and Collision Avoidance Systems p 141 A83-17304
- The capability and potential role of airborne avionic systems in air traffic management p 142 A83-17731
- The impact of new air traffic systems on the flight deck p 142 A83-17733
- Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane [AIAA PAPER 83-0537] p 163 A83-19593
- Electrical, avionic, and sensor equipment of the Yak-40 aircraft / 2nd revised and enlarged edition / --- Russian book p 208 A83-20390
- Fiber optic wavelength multiplexing for civil aviation applications p 208 A83-22492
- Computer-generated images in visual simulation and avionic technologies p 219 A83-22835
- The role of advanced navigation in future air traffic management p 252 A83-23372
- Integrated avionics/weapon system for air/ground missions [DGLR PAPER 82-039] p 253 A83-24163
- New displays for the next generation of civil aircraft - Airbus A 310 and A 300/600 color cathode tubes p 269 A83-24374
- Flight management systems and data links p 285 A83-24424
- Fault isolation methodology for the L-1011 digital avionic flight control system p 285 A83-24427
- ARINC 429 digital data communications for commercial aircraft p 253 A83-24435
- Integration of navigation resources in modern avionics systems p 254 A83-24852
- Multiprocessors and their impact on integrated navigation and avionics - A status-of-the-art paper p 269 A83-24868
- Environmental control of an aircraft pod mounted electronics system [SAE PAPER 820869] p 263 A83-25768
- Thermal design of integrated avionic racks for aircraft [SAE PAPER 820871] p 263 A83-25770
- Thermal design of standard avionic enclosures [SAE PAPER 820878] p 256 A83-25772
- Computer generated cockpit engine displays p 269 A83-26309
- Flight deck display p 334 A83-27123
- Development and test of an integrated sensory system for advanced aircraft p 390 A83-30159
- The B-1 gets airborne again p 386 A83-31941
- All-electric vs conventional aircraft - The production/operational aspects p 386 A83-32576
- Real time simulation of mission environments for avionics systems integration [AIAA PAPER 83-1097] p 463 A83-36217
- Role of standards with integrated control p 568 A83-37104
- The future of civil avionics p 512 A83-37819
- Avionics analyzed III - The hidden sensors p 512 A83-38471
- The integration of multiple avionic sensors and technologies for future military helicopters p 514 A83-40301
- Simulation which simulates less LHX system design for improved performance and affordability --- Light Helicopter p 595 A83-41080
- Advanced helicopter avionics p 590 A83-41531
- A history of electronic flight instruments - through tomorrow p 608 A83-41532
- Integrated airframe/propulsion control system architectures (IAPSA) study [AIAA PAPER 83-2158] p 595 A83-41660
- Flight management systems - Where are we today and what have we learned? [AIAA PAPER 83-2236] p 622 A83-41713
- Flight Management Systems III - Where are we going and will it be worth it? [AIAA PAPER 82-2237] p 622 A83-41714
- Universities - Have they a role in aeronautical research? Flight mechanics, avionics and space p 575 A83-42619
- Lasers and avionic integration p 642 A83-42836
- The application of gyroscopes in remotely piloted vehicles p 609 A83-43708
- Application and experience of colour CRT flight deck displays p 680 A83-44688
- Certification of avionic systems, Proceedings of the Symposium, London, England, April 27, 1982 p 657 A83-45843
- Military systems acceptance criteria --- for digital avionic systems p 657 A83-45844
- Flight clearance of the Jaguar fly by wire aircraft I p 687 A83-45845
- Flight clearance of the Jaguar-fly-by-wire aircraft II p 687 A83-45846
- Certification of digital systems for civil aircraft p 671 A83-45848
- Helicopter avionic systems certification p 687 A83-45849
- Selecting shock and vibration isolators p 697 A83-46346
- Coherent, single-mode fiber optic for multifunction 10.6 micron helicopter avionics system p 706 A83-46639
- The Navstar GPS p 675 A83-46965
- Central operating and display unit for avionics systems p 722 A83-47193
- Studies and designs for a new helicopter cockpit p 725 A83-47210
- Maintenance aspects of modern avionics p 710 A83-47654
- Avionics fault tree analyzer [AIAA PAPER 83-2452] p 723 A83-48335
- Operational and control display concepts for flight management systems in new generation transport aircraft [AIAA PAPER 83-2489] p 735 A83-48348
- New concepts for intermediate level maintenance --- of avionics by ATE [AIAA PAPER 83-2498] p 763 A83-48353
- PAVE PILLAR - A new road to avionics reliability p 723 A83-48643
- Integrated digital avionic systems - Promise and threats p 764 A83-48890
- Voice-actuated avionics p 724 A83-48891
- Avionics built-in-test effectiveness and life cycle cost [AIAA PAPER 83-2448] p 712 A83-49578
- Demonstration Advanced Avionics System (DAAS) function description [NASA-CR-166282] p 26 N83-10027
- Development of avionics installation interface standards [AD-A116852] p 38 N83-11123
- Evaluating the use of electronic flight instrument systems in general aviation aircraft [AD-A118604] p 198 N83-12083
- EMC analysis of a prototype civil use GPS receiver on four aircraft configurations [ECAC-CR-82-048] p 217 N83-12300
- Flight test instrumentation for airline digital avionics [NLR-MP-81017-U] p 198 N83-13096
- Analysis and modeling of information handling tasks in supervisory control of advanced aircraft [AD-A119067] p 205 N83-13116
- Electronic voice communications improvements for Army aircraft [AD-A119427] p 183 N83-14387
- Avionics software Where are we? [RAND/P-6786] p 159 N83-15303
- AFWAL FY81 technical accomplishments [AD-A120682] p 191 N83-16253
- ATR 42 will have ultramodern, innovative cockpit, avionics p 208 N83-17759
- Computers in avionics systems [NLR-MP-81063-U] p 236 N83-18291
- Design, development, and flight test of a demonstration advanced avionics system [NASA-TM-84323] p 270 N83-18721
- Digital systems technical analysis [ARINC-1469-01-1-2804] p 271 N83-18724
- Advanced avionic systems for multimission applications, volume 1 [AD-A121793] p 271 N83-19749
- Advanced avionic systems for multimission applications, volume 2 [AD-A121794] p 271 N83-19750
- Advanced avionic systems for multimission applications, volume 3 [AD-A121795] p 271 N83-19751
- A functionally reliable avionics systems p 272 N83-20196
- Demonstration Advanced Avionics System (DAAS) [NASA-CR-166281] p 334 N83-20941
- Avionic software design p 334 N83-22113
- Towards a veritable supervisor program for avionics software p 334 N83-22116
- D.L.A.O. A support system for defining avionics software p 335 N83-22119
- The quality of avionics software Specification and evaluation p 335 N83-22142
- The management of a large real-time military avionics project p 335 N83-22144
- F/A-18 software development A case study p 364 N83-22145
- A life cycle model for avionic systems p 335 N83-22146
- Avionics software support cost model p 335 N83-22147
- The military user view of software support throughout the in-service life of avionic systems p 335 N83-22149
- Design of a software maintenance facility for the RAF p 364 N83-22150
- On aircraft test software for first line maintenance p 364 N83-22152
- Technology research for digital flight control [NASA-CR-170194] p 336 N83-22197
- Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane [NASA-TM-83088] p 339 N83-22201
- Demonstration Advanced Avionics System (DAAS) Phase 1 report [NASA-CR-170317] p 391 N83-24504
- General aviation activity and avionics survey [AD-A124595] p 416 N83-25653
- The remote link unit A demonstration of operational performance Part 3 Design manual Volume 2 Appendices A - C [AD-A124622] p 476 N83-25935
- The remote link unit A demonstration of operational performance, part 1 [AD-A124619] p 476 N83-25939
- Analysis of F-16 radar discrepancies [AD-A124749] p 476 N83-25948
- Phase 2A bench model development tactical rubidium frequency standard [AD-A124462] p 477 N83-25990
- A review and comparison of lightning return stroke models using experimental data [AD-A124680] p 479 N83-26345
- High-gain error actuated flight control systems for continuous linear multivariable plants [AD-A124871] p 462 N83-26648
- A study of wavelength division multiplexing for avionics applications [AD-A125749] p 530 N83-27990
- USAF (United States Air Force) avionics master plan [AD-A125819] p 531 N83-29205
- Atmospheric electricity hazards protection program p 649 N83-31165
- Modeling of direct-strike lightning coupling by a transfer function technique p 612 N83-31177
- Vulnerability assessment of electrical/electronic subsystems and equipment to atmospheric electricity p 588 N83-31224
- Cost development of the dual-channel GPS (Global Positioning System) navigator for general aviation application [AD-A127157] p 593 N83-31591
- Demonstration Advanced Avionics System (DAAS), phase 1 [NASA-CR-166503] p 612 N83-31602
- Traffic alert and collision avoidance system (TCAS) A functional overview of minimum TCAS 2 [ATC-119] p 674 N83-32784
- Evolution of launch vehicle avionics [SNIAS-831-422-121] p 682 N83-32802
- The status of LLTV for avionic applications p 735 N83-34892
- Lightning tests on the WC-130 research aircraft [AD-A129141] p 722 N83-36014
- AWACS AIRCRAFT**
- Traffic alert and collision avoidance system logic evaluation Volume 1 Unequipped threat phase [AD-A118256] p 28 N83-11106
- AXES OF ROTATION**
- Flight experiments with integrated isometric side-arm controllers in a variable stability helicopter p 50 N83-10068
- Simplified aeroelastic modeling of horizontal axis wind turbines [NASA-CR-168109] p 361 N83-21509
- Some experiments on Yaw stability of wind turbines with various cone angles [NASA-CR-168108] p 362 N83-22740
- Calculation of the longitudinal stability derivatives and modes of motion for helicopter aircraft [AD-A125593] p 546 N83-28000
- Centrifugal-reciprocating compressor [NASA-CASE-NPO-14597-2] p 563 N83-29708

Aircraft body-axis rotation measurement system  
[NASA-CASE-FRC-11043-1] p 682 N83-33882

# AXIAL FLOW

Interaction of fan rotor flow with downstream struts  
[AIAA PAPER 83-0682] p 279 A83-25912  
Experimental research on the design of highly loaded axial fans --- German thesis p 493 A83-37498  
Non-uniform flows in axial compressors due to tip clearance variation p 745 A83-48824  
The WISGSK A computer code for the prediction of a multistage axial compressor performance with water ingestion

[NASA-CR-3624] p 201 N83-12093  
Velocity coupling A new concept for hover and axial flow wake analysis and design p 193 N83-17478  
An experiment to improve the surge margin by use of cascade with splitter blades p 283 A83-18956  
The use of vortex generators as inexpensive compressor casing treatment p 459 N83-26798  
End wall flow characteristics and overall performance of an axial flow compressor stage

[NASA-CR-3671] p 427 N83-26819  
Finite element program for calculating flows in turbomachines with results for NASA task 1 compressor [AD-A124987] p 460 N83-26841  
Aerothermodynamics of axial-flow compressors with water ingestion p 504 N83-27953  
Axial compressor characteristics during transients p 542 N83-29259  
Lessons from Tornado afterbody development p 604 N83-30366

Windmilling of the rotor of a turbojet engine with an axial-flow compressor under flight conditions  
[NASA-TM-77087] p 686 N83-33892

# AXIAL FLOW TURBINES

Sounding propagation in multistage axial flow turbomachines p 222 A83-15289  
A comparison between the Craig-Cox and the Kacker-Okapiu methods of turbine performance prediction p 163 A83-19025  
Turbulent boundary layer associated with periodic rotating wakes --- from axial flow turbomachine rotors p 376 A83-33373  
Aerodynamic optimization theory of a 3-D axial-flow rotor-blading via optimal control p 418 A83-35839  
A comprehensive method for preliminary design optimization of axial gas turbine stages II - Code verification [AIAA PAPER 83-1403] p 456 A83-36393  
Experimental evaluation of inlet turbulence, wall boundary layer, surface finish, and fillet radius on small axial turbine stage performance [SAE PAPER 821475] p 534 A83-38001  
Optimal design of the blading of axial turbines --- Russian book p 694 A83-43924  
Negative incidence flow over a turbine rotor blade [ASME PAPER 83-GT-23] p 713 A83-47888  
Analytical and experimental investigation of stator endwall contouring in a small axial-flow turbine 1 Stator performance [NASA-TP-2023] p 43 N83-11125  
Effects of interstage diffuser flow distortion on the performance of a 15 41-centimeter tip diameter axial power turbine [NASA-TM-83359] p 394 N83-24505  
Investigation of the coupling of unsteady lift to low order acoustic duct modes in an axial flow fan [AD-A124819] p 483 N83-27796  
Current and future technology in radial and axial gas turbines [NASA-TM-83414] p 684 N83-32811  
Transactions of the Japan Society for Aeronautical and Space Sciences, Vol 25, No 68 [ISSN-0549-3811] p 766 N83-36396  
Development of high loading, high efficiency axial flow turbine p 749 N83-36399

# AXISYMMETRIC BODIES

Aerodynamic estimation techniques for aerostats and airships p 136 A83-18404  
Single- and multiple-crater induced nosetip transition p 420 A83-36078  
Computational method of the drag of axisymmetric afterbodies in subsonic flow [AIAA PAPER 83-2079] p 578 A83-41913  
Low speed performance of a supersonic axisymmetric mixed compression inlet with auxiliary inlets --- Lewis 9x15-ft anechoic wind tunnel tests [NASA-TM-83435] p 536 N83-27992  
Pressure recovery of axisymmetric intakes at subsonic speeds [ESDU-80037] p 663 N83-32753

# AXISYMMETRIC FLOW

Flow over flat and axisymmetric bodies moving at high variable velocities p 135 A83-17413

On the shock cell structure and noise of supersonic jets [AIAA PAPER 83-0703] p 306 A83-25923  
An axisymmetric nacelle and turboprop inlet analysis including power simulation p 375 A83-32584  
Numerical simulation of cold flow in an axisymmetric centerbody combustor [AIAA PAPER 83-1741] p 531 A83-37219  
Application of numerical methods to the calculation of the characteristics of supersonic and hypersonic jet-engine air intakes p 494 A83-37532  
Interference during flow around a wing and an axisymmetric nacelle p 578 A83-41879  
Optimization of waverider configurations generated from axisymmetric conical flows p 715 A83-48134  
Investigation of unsteady temperature fields of nonaxisymmetric nozzle inserts p 764 A83-49667  
Vortex motion in axisymmetric piston-cylinder configurations [NASA-TM-85404] p 765 N83-35318  
Unsymmetric laminated graphite/epoxy composite plate and beam analysis for determining coefficients of thermal expansion [AD-A128625] p 765 N83-35416

# AZIMUTH

Integrated navigation by supplementing MLS with DAS --- DME-based Azimuth System p 256 A83-24872  
Comparison of the Mode S system to the Automated Radar Terminal System (ARTS) with respect to range and azimuth resolution [AD-A118247] p 27 N83-11104  
Azimuth monitoring experiment [AD-A120834] p 148 N83-15278  
Simulation study of traffic-sensor noise effects on utilization of traffic situation display for self-spacing task [NASA-TP-2082] p 270 N83-18723  
Modeling of the Mode S tracking system in support of aircraft safety research [NASA-CR-166486] p 510 N83-29186  
Aircraft body-axis rotation measurement system [NASA-CASE-FRC-11043-1] p 682 N83-33882

# B

# B-1 AIRCRAFT

Blackjack - Soviet B-1 or better p 192 A83-16373  
Rockwell B-1B design to be studied in new cab p 173 A83-18271  
The B-1 gets airborne again p 386 A83-31941  
B-1B manufacturing - Rockwell management plan saving costs, time p 490 A83-40331  
B-1B manufacturing - General Electric F101 production nears p 490 A83-40332  
B-1B manufacturing - Avco modifies prototype processes for production p 491 A83-40333  
A NASTRAN model of a large flexible swing-wing bomber Volume 1 NASTRAN model plane [NASA-CR-170392-VOL-1] p 154 N83-14107  
The B-1 bomber program A new start [AD-A127523] p 708 N83-34844

# B-52 AIRCRAFT

B-52 roles in sea control p 186 A83-20646  
B-52 operations in the Bright Star 82 exercise p 317 A83-29204  
Use of flight test results to improve the flying qualities simulation of the B-52H weapon system trainer [AIAA PAPER 83-1091] p 437 A83-36215  
727, B-52 retrofit with PW2037 meeting today's requirements [SAE PAPER 821443] p 518 A83-37991

# B-58 AIRCRAFT

Flight testing the Hustler 500 p 387 A83-32930

# BACKGROUND NOISE

Simulation of background clutter --- causing target signature distortion p 62 A83-10063  
Testing of voice control device for aircraft avionics applications p 19 A83-11122  
Target acquisition and extraction from cluttered backgrounds p 268 A83-23531

# BACKGROUND RADIATION

Designing for stray radiation rejection --- of heat seeking missile components p 268 A83-23536  
(?) The Air Force Geophysics Laboratory: Aeronomy, aerospace instrumentation, space physics, meteorology, terrestrial sciences and optical physics [AD-A126004] p 767 N83-36570

# BACKSCATTERING

Laser and millimeter-wave backscatter of transmission cables p 199 A83-22523

# BACKUPS

Emergency power for the F-16 aircraft [ASME PAPER 83-GT-189] p 742 A83-47995

# BAFFLES

Designing for stray radiation rejection --- of heat seeking missile components p 268 A83-23536

# BAILOUT

Bail out simulation of an F-16 ejection seat by means of a blast simulator [PML-1982-7] p 585 N83-30398

# BALANCING

On the possibility of balancing rotating flexible shafts p 180 A83-17724  
Change in vibrations of an flexible rotor due to a change in bearings p 558 A83-39423  
In situ balancing of flexible rotors using influence coefficient balancing and the unified balancing approach [ASME PAPER 83-GT-178] p 761 A83-47989  
T55 power turbine rotor multiplane-multispeed balancing study [NASA-CR-167891] p 686 N83-33894

# BALL BEARINGS

The load-life relationship for M50 steel bearings with silicon nitride ceramic balls [ASLE PREPRINT 82-LC-3C-4] p 212 A83-13239  
Advances in high-speed rolling-element bearings --- for aircraft engine and transmission application p 231 A83-22319  
An experimental study of ball bearings in the combined supports of the rotors of gas-turbine engines p 640 A83-42144  
Rolling-element fatigue life of AMS 5900 balls [NASA-TP-2080] p 232 N83-16758  
Hybrid hydrostatic/ball bearings in high-speed turbomachinery [NASA-CR-168124] p 478 N83-27213  
Designing with rolling bearings Part 3 Special types [ESDU-82014] p 698 N83-33160

# BALLISTIC MISSILES

Statistical modeling of ballistic damage and residual strength in composite structures [AIAA 83-1002] p 351 A83-29790

# BALLISTICS

A critique of the Bell Helicopter Textron COBRA 2 75 inch rocket ballistic algorithm [AD-A123703] p 390 N83-24502  
Experimental aerodynamic facilities of the Aerodynamics Research and Concepts Assistance Section [AD-A126272] p 549 N83-29274

# BALLOON FLIGHT

New thermal and trajectory model for high-altitude balloons p 386 A83-32579  
Scientific ballooning - III, Proceedings of the Workshop, Ottawa, Canada, May 16-June 2, 1982 p 490 A83-39801  
The theoretical advantages and practical considerations of gas replenishment techniques in long-duration scientific ballooning [AD-A129841] p 524 A83-39802  
The radiation controlled balloon (RACOON) p 524 A83-39803  
New systems for extending the useful float duration of standard zero-pressure balloon flights p 524 A83-39805  
Balloon materials and designs p 524 A83-39806  
Instantaneous, predictable balloon system descent from high altitude p 524 A83-39808  
Automatic control of balloon altitude p 530 A83-39809  
Global telecommunications needs for the long duration balloon environment p 513 A83-39810  
A review of geostationary satellite alternatives for retrieving data from long duration balloon flights p 514 A83-39812  
A global HF telecommand system for long duration balloon flights p 514 A83-39813  
Power supplies for long duration balloon flights p 536 A83-39815  
A new static-launch method for plastic balloons p 548 A83-39816  
Electrodynamics of the stratosphere using 5000 cu m superpressure balloons p 525 A83-39818

# BALLOON SOUNDING

The radiation controlled balloon (RACOON) p 524 A83-39803  
An atmospheric sounding balloon with ballast - An automatic numerical model for its manufacture and simulation of its evolution p 524 A83-39804  
Balloon materials and designs p 524 A83-39806  
Present status and new trends in scientific ballooning in India p 525 A83-39817  
Balloon research and cooperative programmes p 490 A83-39838

# BALLOON-BORNE INSTRUMENTS

Scientific ballooning - III, Proceedings of the Workshop, Ottawa, Canada, May 16-June 2 1982 p 490 A83-39801  
Automatic control of balloon altitude p 530 A83-39809  
Navigation for balloon payloads - Recent experience with OMEGA in the US and a new slant range system p 514 A83-39814

## BALLOONS

- A hard X-ray experiment for long-duration balloon flights p 530 A83-39822  
Guidance and control of a balloon-borne X-ray telescope with onboard and ground based computers p 530 A83-39823

## BALLOONS

- Scientific ballooning - III, Proceedings of the Workshop, Ottawa, Canada, May 16-June 2, 1982 p 490 A83-39801  
Balloon film strain measurement p 530 A83-39807  
Present status and new trends in scientific ballooning in India p 525 A83-39817

## BANDWIDTH

- Operational sensitivity of EW receivers p 22 A83-11234  
Bandwidth A criterion for highly augmented airplanes p 49 A83-10063

## BARRIERS

- Development of curves for estimating aircraft arresting hook loads [ADA-119551] p 156 A83-14119

## BARS

- Investigation of the fatigue and crack propagation properties of X7091-T7E69 extrusion p 550 A83-37836  
Evaluation of supplemental lights for caution bars [FAA-CT-82-119] p 220 A83-17559

## BASE FLOW

- The effects of supports on the flow behind a body [NASA-TM-77073] p 691 A83-33909

## BASE HEATING

- An experimental investigation of turbulent base heat transfer in hypersonic flow p 659 A83-44569

## BASIC (PROGRAMMING LANGUAGE)

- Statistical study of TBO and estimation of acceleration factors of ASMT for aircraft turbo-engine --- Accelerated Simulated Mission Endurance Testing p 448 A83-35858

- BASIC Data Manipulation And Display System (BDMADS) [NASA-TM-83328] p 305 A83-19496

## BATHYMETERS

- Laser safety of air bathymetry [FOA-C-30292-E1] p 478 A83-27210

## BAYES THEOREM

- A comparative evaluation of some maneuvering target tracking algorithms [AIAA PAPER 83-2168] p 650 A83-41664

## BEACON COLLISION AVOIDANCE SYSTEM

- Preliminary evaluation of the basic experimental active Beacon Collision Avoidance System (BCAS) [DOT/FAA/RD-82/67] p 186 A83-12058  
Third Symposium on Traffic Alert and Collision Avoidance Systems (TCAS) [FAA-RD-82-75] p 144 A83-14080  
TCAS program p 145 A83-14081  
Status of Mode S implementation p 145 A83-14082  
TCAS 2 operational doctrine p 145 A83-14083  
Comparison of TCAS 1 passive and active transponder detectors p 145 A83-14084  
Aircraft traffic in the Los Angeles basin as related to TCAS requirements p 145 A83-14085  
Surveillance techniques for minimum TCAS 2 p 145 A83-14086

- Validation of minimum TCAS 2 surveillance performance p 145 A83-14087  
Enhanced TCAS 2 p 145 A83-14088  
Minimum TCAS 2 threat detection and resolution logic status p 145 A83-14089  
TCAS 2 threat detection and resolution logic testing p 145 A83-14090

- TCAS 2 [DV-10496] p 145 A83-14091  
Evaluation of TCAS 2 in an air carrier environment p 146 A83-14092  
Utility of traffic advisory information p 146 A83-14093

- Traffic alert and collision avoidance system p 146 A83-14094

- Preliminary summary of phase 1 Piedmont in-service evaluation of TCAS 2 p 146 A83-14095  
Summary of Daimo Victor and Lincoln Laboratory PWI bearing performance p 146 A83-14096  
Traffic alert and collision avoidance system (TCAS) A functional overview of minimum TCAS 2 [ATC-119] p 674 A83-32784

## BEAMS (RADIATION)

- Sidelooking laser altimeter for a flight simulator [NASA-CASE-ARC-11312-1] p 702 A83-34304

## BEAMS (SUPPORTS)

- Equivalent G/E of helicopter rotor blades --- shear modulus to Young's modulus ratio p 230 A83-22151  
Application of laser holographic interferometry to vibration analysis of aircraft beam structure model p 300 A83-26765

- The Shock and Vibration Digest, volume 14, no 8 [AD-A119004] p 67 A83-10433  
Development of a cryogenic windtunnel balance [KB-TE-1-1173] p 632 A83-31611

## BEARING (DIRECTION)

- Summary of Daimo Victor and Lincoln Laboratory PWI bearing performance p 146 A83-14096  
Conflict monitoring analysis of parallel opposite direction routes, volume 2 [AD-A120187] p 202 A83-16323

## BEARINGLESS ROTORS

- Measured inplane stability characteristics in hover for an advanced bearingless rotor [AIAA 83-0987] p 330 A83-29865  
Smooth and simple - The Bell Model 680 bearingless main rotor p 388 A83-33098  
Analytical and experimental investigation of a bearingless hub-absorber p 594 A83-41077  
Hingeless and bearingless main rotor in a fiber composite type of construction for dynamic systems of future helicopters p 724 A83-47195  
A jointless and bearingless tail rotor of fiber-reinforced-composite construction p 725 A83-47215  
Helicopter transmission arrangements with split-torque gear trans p 303 A83-20126  
Design study of Self-Alining Bearingless Planetary (SABP) gear p 303 A83-20127  
Correlation and evaluation of inplane stability characteristics for an advanced bearingless main rotor [NASA-CR-166448] p 440 A83-25695

## BEARINGS

- Effects of amplitude of oscillation on the wear of dry bearings containing PTFE [ASME PAPER 81-LUB-6] p 64 A83-11942  
Change in vibrations of an flexible rotor due to a change in bearings p 558 A83-39423  
Lubricants in bearings and absorbed materials on aircraft fuel lines by infrared emission Fourier microspectrophotometry p 220 A83-13455  
Detection and diagnosis of bearing deterioration in aircraft propulsion systems by wear debris analysis p 184 A83-15506  
Lightweight materials for rolling elements in aircraft bearings p 184 A83-15510  
The oil/air system of a modern fighter aircraft engine p 167 A83-15511  
Behavior of aircraft engine oils at high temperature p 185 A83-15529  
Aerodynamic compliant bearings for small turbo-engines p 185 A83-15537  
Rotor dynamic instability field problems p 186 A83-15630  
Impact of NASA-sponsored research on aircraft turbine engine bearing specifications p 303 A83-20129  
An SEM analysis of bearing failure due to electrical arcing [AD-A127827] p 648 A83-32071  
The trend of future gas turbine technology [NASA-TM-83505] p 712 A83-34888

## BELL AIRCRAFT

- Smooth and simple - The Bell Model 680 bearingless main rotor p 388 A83-33098  
Flight service evaluation of composite components on the Bell Helicopter model 206L Design, fabrication and testing [NASA-CR-166002] p 177 A83-14169  
Flight service evaluation of composite components on Bell 206L and Sikorsky S-76 helicopters [NASA-TM-84637] p 297 A83-19815

## BENDING

- An efficient triangular plate bending finite element for crash simulation p 64 A83-12755  
Deflections of inflated cylindrical cantilever beams subjected to bending and torsion p 65 A83-12853  
Comparison of frequency determination techniques for cantilevered plates with bending-torsion coupling [AIAA 83-0953] p 358 A83-29885  
Bending effects on structural dynamic instabilities of transonic wings [AIAA 83-0920] p 358 A83-29887  
Resonance tests on the tail of a CT4 aircraft [AD-A124566] p 441 A83-25703

## BENDING MOMENTS

- Wing-alone aerodynamic characteristics to high angles of attack at subsonic and transonic speeds [AD-A125764] p 504 A83-27963  
Development of a cryogenic windtunnel balance [KB-TE-1-1173] p 632 A83-31611

## BENDING VIBRATION

- Nonlinear flapping vibrations of rotating blades p 66 A83-13004  
Bending vibrational behavior of laminated rotors --- German thesis p 182 A83-19620  
On the critical speed of empennage flutter with allowance for the rudder p 340 A83-29286

- Determination of zones of crack distribution in flexible specimens --- of aluminum alloys p 551 A83-39509

## BENZENE

- Evaluation of ultraviolet spectrophotometry for simultaneous analysis of alkylbenzenes, alkylanthracenes, alkylanthracenes/phenanthrenes and total aromatics in mid-distillate fuels [NASA-TM-83032] p 179 A83-15483

## BERING SEA

- MIZEX-WEST NASA CV-990 flight report [NASA-TM-85020] p 409 A83-23670

## BIAS

- Effect of test result uncertainty on the performance of a context-free troubleshooting task [AD-A128584] p 577 A83-31573

## BIBLIOGRAPHIES

- Pictorial formats Volume 3 Literature review [AD-A119223] p 155 A83-14114  
Adaptive wall wind tunnels, a selected, annotated bibliography [NASA-TM-84526] p 174 A83-14138  
Vibration in turbomachinery A bibliography of research reports (1966 - 1981) [CUED/A-TURBO-TR-109] p 301 A83-19129  
Aeronautical Engineering A continuing bibliography with indexes, supplement 160, April 1983 [NASA-SP-7037(160)] p 373 A83-24466  
Foreign Technology Alert - Bibliography Transportation safety [PB83-101659] p 430 A83-25686  
LC Science Tracer Bullet Jet engines and jet aircraft [TB-82-5] p 537 A83-29207  
Magnetic suspension and balance systems, a selected, annotated bibliography [NASA-TM-84661] p 549 A83-29273  
Records of achievement NASA special publications [NASA-SP-470] p 708 A83-33792

## BIOACOUSTICS

- USAF bioenvironmental noise data handbook Volume 172 Hush-noise suppressor (Aero Systems Engineering, Incorporated) far-field noise [AD-A118773] p 223 A83-12973  
USAF Bioenvironmental Noise Data Handbook Volume 155 CH-3 in-flight crew noise [AD-A120791] p 191 A83-16154  
USAF bioenvironmental noise data handbook Volume 157 KC-10A in-flight crew noise [AD-A120507] p 191 A83-16156  
USAF Environmental Noise Data Handbook Volume 150 C-140 in-flight crew noise [AD-A120508] p 238 A83-17246  
USAF Bioenvironmental Noise Data Handbook Volume 152 C-12A in-flight crew noise [AD-A120509] p 238 A83-17247  
USAF Bioenvironmental Noise Data Handbook Volume 156 HH-1N in-flight Crew Noise [AD-A122601] p 368 A83-23118

## BIOASSAY

- Environmental quality research Fate of toxic jet fuel components in aquatic systems [AD-A122548] p 351 A83-21168

## BIODYNAMICS

- Vertical impact tests of a modified F/FB-111 crew seat to evaluate headrest position and restraint configuration effects [AD-A120255] p 197 A83-16311  
Investigation of crew restraint system biomechanics [AD-A126199] p 510 A83-29190

## BIOMASS ENERGY PRODUCTION

- Use of pyrolysis-derived fuel in a gas turbine engine [ASME PAPER 83-GT-96] p 755 A83-47942

## BIONICS

- Computer simulation of an aircraft seat and occupant in a crash environment, volume 1 [FAA-CT-82-33-1-VOL-1] p 319 A83-22171

## BIRD-AIRCRAFT COLLISIONS

- Development of a structural, bird impact resistant, de-iced wing leading edge for the de Havilland Dash 8 aircraft using fibre-reinforced composites p 153 A83-18823  
Remote sensing of problem birds in aviation p 196 A83-21876  
Management of bird problem in Indian airlines p 196 A83-21877  
Bird strikes to aircraft and associated hazards and problems regarding the safety of aircraft operations p 196 A83-21878  
Simulation of T-38 aircraft student canopy response to cockpit pressure and thermal loads using MAGMA --- Materially and Geometrically Nonlinear Analysis [AIAA 83-0942] p 328 A83-29772  
Analytical and experimental investigation of bird impact on fan and compressor blading [AIAA 83-0954] p 338 A83-29856  
F/R-F4 transparency baseline bird impact test program p 598 A83-42533



## SUBJECT INDEX

- Response sensitivity of typical aircraft jet engine fan blade-like structures to bird impacts  
[AD-A119974] p 166 N83-15310
- A study of bird ingestions into large high bypass ratio turbine aircraft engines  
[FAA-CT-82-144] p 319 N83-22173
- ### BIRDS
- A model for prediction bird and ice impact loads on structures  
[AD-A119408] p 184 N83-14543
- A study of bird ingestions into large high bypass ratio turbine aircraft engines  
[FAA-CT-82-144] p 319 N83-22173
- ### BITUMENS
- Application of semi-rigid pavements in rapid runway repair  
p 175 N83-15289
- ### BLADE SLAP NOISE
- Theoretical and experimental study of helicopter rotor noise  
[ONERA, TP NO 1982-74] p 205 A83-23247
- A comparison of model helicopter rotor Primary and Secondary blade/vortex interaction blade slap  
[AIAA PAPER 83-0723] p 307 A83-25934
- The prediction of the noise of supersonic propellers in time domain - New theoretical results  
[AIAA PAPER 83-0743] p 280 A83-25945
- Noise generation by a finite span swept airfoil  
[AIAA PAPER 83-0768] p 366 A83-28023
- Full-scale measurements of blade-vortex interaction noise  
p 482 A83-33505
- Full-scale measurements of blade-vortex interaction noise  
p 435 A83-35947
- Aeroacoustic flight test of four single engine propellers  
[SAE PAPER 830731] p 615 A83-43328
- Experimental methods in compressor noise studies  
[ONERA, TP NO 1983-79] p 769 A83-48194
- Laboratory studies of scales for measuring helicopter noise  
[NASA-CR-3610] p 74 N83-11839
- Should helicopter noise be measured differently from other aircraft noise? A review of the psychoacoustic literature  
[NASA-CR-3609] p 224 N83-13937
- ### BLADE TIPS
- Helicopter blade tips  
[AAAF PAPER NT 81-19] p 8 A83-11778
- Studies of aerofoils and blade tips for helicopters  
p 135 A83-17317
- An investigation of the aerodynamics of an RAE swept tip using a model rotor  
[ONERA, TP NO 1982-76] p 136 A83-18426
- A note on the tip noise of rotating blades  
p 305 A83-23708
- Turbine blade nonlinear structural and life analysis  
p 337 A83-29024
- Numerical calculations of time dependent three-dimensional viscous flows in a blade passage with tip clearance  
[AIAA PAPER 83-1171] p 420 A83-36258
- Heat transfer at the tip of an unshrouded turbine blade  
p 642 A83-42708
- Non-uniform flows in axial compressors due to tip clearance variation  
p 745 A83-48824
- Parametric tip effects for conformable rotor applications  
p 732 A83-50140
- The influence of blade tip geometry on the unsteady pressure distribution of a rotor blade Part 1 Rectangular tip  
[DFVLR-FB-82-11] p 14 N83-11091
- Analysis, design, fabrication and testing of an optical tip clearance sensor --- turbocompressor blade tips  
[NASA-CR-165265] p 44 N83-11127
- CF6 jet engine diagnostics program High pressure turbine roundness/clearance investigation  
[NASA-CR-165581] p 202 N83-13100
- Tip cap for a rotor blade  
[NASA-CASE-LEW-13654-1] p 164 N83-14129
- Materials for advanced turbine engines Volume 1  
Advanced blade tip seal system  
[NASA-CR-167851-VOL-1] p 166 N83-15308
- Studies of aerofoils and blade tips for helicopters  
p 193 N83-17473
- Calculation of 3D unsteady transonic flow around rotor blades  
p 193 N83-17474
- An appraisal of rotor blade-tip vortex interaction and wake geometry from flight measurements  
p 194 N83-17488
- Aerodynamic effect of a honeycomb rotor tip shroud on a 50 8-centimeter-tip-diameter core turbine  
[NASA-TP-2112] p 215 N83-17547
- Preliminary rotor wake measurements with a laser velocimeter  
[NASA-TM-83246] p 301 N83-19018
- Aerodynamic research on Tipvane windturbines  
[PB83-147413] p 479 N83-27476

- Evaluation of the performance and flow in an axial compressor  
[AD-A125619] p 581 N83-28387
- Propeller noise at subsonic blade tip speeds, torque and thrust force  
[DFVLR-MITT-82-17] p 653 N83-31425
- ### BLADES (CUTTERS)
- Rapid runway repair program subtask 1 08 Concrete cutting equipment evaluation  
[AD-A127338] p 631 N83-30440
- ### BLAST LOADS
- The effects of firing a weapon on the air intake in a subsonic flow  
[AAAF PAPER NT 81-11] p 8 A83-11772
- Numerical computation of unsteady subsonic aerodynamic forces on wing-body-tail exposed to traveling gust  
p 9 N83-10006
- Technical evaluation Report: The Specialists' Meeting on Dynamic Environmental Qualification Techniques  
[AD-A121979] p 31 N83-10039
- Calculation of wing response to gusts and blast waves with vortex lift effect  
[NASA-CR-170340] p 408 N83-24796
- Bail out simulation of an F-16 ejection seat by means of a blast simulator  
[PML-1982-7] p 585 N83-30398
- ### BLOWDOWN WIND TUNNELS
- A study of hypersonic low-density gas flows in low-pressure blowdown wind tunnels using pressure tanks  
p 373 A83-30680
- Single- and multiple-crater induced nosetip transition  
p 420 A83-36078
- The TOPSY guide Transient tunnel operating, data acquisition and processing system User's and programmer's guides  
[OUEL-1462/83] p 632 N83-31610
- ### BLOWING
- Augmentation of fighter aircraft lift and STOL capability by blowing outboard from the wing tips  
[AIAA PAPER 83-0078] p 130 A83-16507
- The performance of a circulation control airfoil at transonic speeds  
[AIAA PAPER 83-0083] p 130 A83-16510
- Experimental investigation of the effects of wall suction and blowing on the performance of highly offset diffusers  
[AIAA PAPER 83-1169] p 423 A83-36922
- ### BLOWOUTS
- Coaxial dump combustor investigations  
p 459 N83-26791
- ### BLUFF BODIES
- Methods for calculating the stabilization limits of a flame of inhomogeneous mixtures using a bluff body  
p 41 A83-11512
- Numerical simulation of cold flow in an axisymmetric centerbody combustor  
[AIAA PAPER 83-1741] p 531 A83-37219
- ### BLUNT BODIES
- Single- and multiple-crater induced nosetip transition  
p 420 A83-36078
- Wind tunnel test of a C-18 aircraft modified with the advanced range instrumentation aircraft radome  
[AD-A124771] p 425 N83-25671
- Wind-tunnel investigation of leading-edge thrust on arrow wings in supersonic flow  
[NASA-TP-2167] p 583 N83-31577
- ### BLUNT LEADING EDGES
- Relaxation computation of transonic flows around wings with blunt leading-edge and discussion on its stability and convergence  
p 178 A83-15543
- The effect of the blunting of the leading edges on the characteristics of separated flow past delta wings of low aspect ratio  
p 494 A83-37551
- Design of the leading edge of a delta wing  
[AD-A117469] p 31 N83-10036
- ### BO-105 HELICOPTER
- Bo 105 rotor blade influence on the Calipso FLIR in the mast-mounted observation platform Ophelia  
p 205 A83-23249
- Correlation aspects of analytical, wind tunnel and flight test results for a hingeless rotor helicopter  
p 604 N83-30373
- ### BOATTAILS
- Support-sting interference on boattail pressure drag for Reynolds numbers up to 70 x 10 to the 6th  
[AIAA PAPER 83-0387] p 172 A83-16687
- ### BODIES OF REVOLUTION
- Flow over flat and axisymmetric bodies moving at high variable velocities  
p 135 A83-17413
- Investigation of the possibility of reducing aerodynamic drag by a mechanism of initial vortex formations  
p 374 A83-30723
- Separated flows at the leeward side of a delta wing and body of revolution in supersonic flow  
p 494 A83-37553

## BODY-WING CONFIGURATIONS

- Fiat spin of bodies with circular cross-section  
[AIAA PAPER 83-2147] p 626 A83-41968
- Calculation of damping derivatives for arbitrary 3-dimensional bodies using Newtonian impact theory  
[NAL-TR-722] p 244 N83-18660
- ### BODY KINEMATICS
- The effects of non-linear kinematics in optimal evasion  
p 650 A83-40674
- ### BODY-WING AND TAIL CONFIGURATIONS
- A comparison of trim drag for conventional and supercritical wings  
[AIAA PAPER 83-0094] p 131 A83-16518
- Optimizing tail size and wing location within loadability constraints  
[SAWE PAPER 1468] p 602 A83-43740
- Numerical computation of unsteady subsonic aerodynamic forces on wing-body-tail exposed to traveling gust  
p 9 N83-10006
- Force and pressure measurements on a research model with a low-, mid- and T-tail at Mach numbers of 0.60 to 0.90 Volume 2 Tabulated data  
[AD-A124068] p 425 N83-25676
- Average downwash at the tailplane at low angles of attack and subsonic speeds, Amendment A  
[ESDU-80020-AMEND-A] p 663 N83-32747
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of yaw, (Y sub r)sub F, (N sub r)sub F, (L sub r)sub F  
[ESDU-82017] p 664 N83-32764
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of roll, (Y sub p)sub F, (N sub p)sub F, (L sub p)sub F, in the presence of body, wing and tailplate  
[ESDU-83006] p 665 N83-32770
- ### BODY-WING CONFIGURATIONS
- The multilevel substructure and the local analysis of structure  
p 213 A83-14485
- A fast algorithm for the calculation of transonic flow over wing/body combinations  
p 178 A83-15283
- Some recent applications of high-lift computational methods at Boeing  
p 178 A83-15313
- Problems concerning supersonic flow past bodies of prismatic configurations  
p 179 A83-16394
- Numerical simulation of wing-fuselage aerodynamic interaction  
[AIAA PAPER 83-0225] p 132 A83-16595
- Transonic wing-body calculations using Euler equations  
[AIAA PAPER 83-0501] p 135 A83-16828
- An evaluation of aerodynamics modeling of spinning light airplanes  
[AIAA PAPER 83-0368] p 169 A83-17922
- Numerical calculations of nonlinear aerodynamics of wing-body configurations  
p 189 A83-21022
- Fuselage-lifting surfaces interaction in unsteady subsonic flow --- French thesis  
p 189 A83-22093
- Computational treatment of three-dimensional transonic canard-wing interactions  
p 312 A83-29021
- A more accurate transonic computational method for wing-body configurations  
p 375 A83-32982
- Numerical calculation of nonlinear aerodynamics of wing-body configurations  
p 420 A83-36076
- A supersonic velocity field in the region of interference between a wing and a body having a common apex  
p 495 A83-37802
- An extension of a transonic wing/body code to include underwing pylon/nacelle effects  
[AIAA PAPER 83-1805] p 497 A83-38639
- The leading-edge vortex trajectories of close-coupled wing-canard configurations and their breakdown characteristics  
[AIAA PAPER 83-1817] p 498 A83-38649
- An assessment of PANDORA using a Canard/Wing/Body configuration --- Preliminary Automated Numerical Design of Realistic Aircraft  
[AIAA PAPER 83-1850] p 500 A83-38678
- Computational analysis for an advanced transport configuration with engine nacelle  
[AIAA PAPER 83-1851] p 521 A83-38679
- Computation of transonic flow field over Wing-Body-Pylon-Store combinations  
[AIAA PAPER 83-1852] p 500 A83-38680
- The combination of a geometry generator with transonic design and analysis algorithms  
[AIAA PAPER 83-1862] p 500 A83-38689
- Numerical generation of composite three dimensional grids by quasilinear elliptic systems  
p 569 A83-38804
- Hybrid composite application to the Boeing 767 wing/body fairing  
p 525 A83-40244
- Rigid-body structural mode coupling on a forward swept wing aircraft  
p 594 A83-41046
- The maximum aerodynamic efficiency of conical wing-body combinations at high supersonic speeds  
p 578 A83-41266
- Studies of light-twin wing-body interference  
[SAE PAPER 830709] p 580 A83-43319

Induced rolling moment on wings of a missile with tilt-wings in 'X' configuration at supersonic speeds p 627 A83-43689

Estimation of parameters involved in high angle-of-attack aerodynamic theory using spin flight test data [AIAA PAPER 83-2086] p 627 A83-43809

Experimental work on the aerodynamics of integrated slender wings for supersonic flight p 659 A83-44360

Experimental wing and canard jet flap aerodynamics [AIAA PAPER 83-0081] p 715 A83-48211

Civil component program integrated-propulsion system (IFAS) p 195 A83-13094

[BMFT-FB-W-82-017] p 195 A83-13094

Computational treatment of transonic canard-wing interactions p 246 A83-19718

Transonic and nonlinear flow research [AD-A121477] p 246 A83-19719

Aeropropulsive characteristics of twin single-expansion-ramp vectoring nozzles installed with forward-swept wings and canards --- transonic tunnel tests p 316 A83-22161

[NASA-TP-2133] p 316 A83-22161

Calculation of transonic potential flow around a wing-body-tail combination [AD-A124247] p 378 A83-24482

Higher-order computational methods for transonic wing/body flowfields [AD-A124079] p 426 A83-25679

Force and pressure measurements on a research model with a low-, mid- and T-tail at Mach numbers of 0.60 to 0.90 Volume 1 Summary report [AD-A124067] p 504 A83-27962

A numerical study of Strake aerodynamics [AD-A125882] p 506 A83-29182

Integrated Application of Active Controls (IAAC) technology to an advanced subsonic transport project Wing planform study and final configuration selection [NASA-CR-165630] p 605 A83-30401

Wind tunnel experiments on the divergence of swept wings with composite structures [AD-A127950] p 584 A83-31582

Aerodynamic computation of the wing-body short cabin composite p 662 A83-32740

Estimation of rolling moment derivative due to sideslip for complete aircraft at subsonic speeds [ESDU-B1032-AMEND-A] p 678 A83-32791

On the prediction of the lateral/directional characteristics of distributed jet STOL configurations [AD-A128902] p 688 A83-33905

**BOEING AIRCRAFT**

Boeing gains real-time flight data p 172 A83-18270

Boeing Vertol - The leading edge of technology p 372 A83-33095

Large jet aircraft validation and demonstrations - An overview of Boeing experience [AIAA PAPER 83-1049] p 439 A83-36472

Aircraft noise reduction [PB82-206095] p 194 A83-12080

**BOEING 727 AIRCRAFT**

Researchers study methods to combat effects of wind shear p 196 A83-22175

727, B-52 retrofit with PW2037 meeting today's requirements [SAE PAPER 821443] p 518 A83-37991

Advanced composite elevator for Boeing 727 aircraft [NASA-CR-157823] p 61 A83-11248

EMC analysis of a prototype civil use GPS receiver on four aircraft configurations [ECAC-CR-82-048] p 217 A83-12300

Advanced composite elevator for Boeing 727 aircraft, volume 2 [NASA-CR-159258] p 205 A83-16330

A reappraisal of transport aircraft needs 1985 - 2000 Perceptions of airline management in a changing economic, regulatory, and technological environment [NASA-CR-165887] p 249 A83-18701

Advanced composite elevator for Boeing 727 aircraft [NASA-CR-172910] p 605 A83-30403

**BOEING 737 AIRCRAFT**

Re-engineing the 737 [SAE PAPER 821442] p 518 A83-37990

Aircraft accident report Air Florida, Inc Boeing 737-222, N62AF collision with 14th Street Bridge, near Washington National Airport, Washington, D.C., January 13, 1982 [PB82-910408] p 15 A83-10022

Flight test evaluation of drag effects on surface coatings on the NASA Boeing 737 TCV airplane [NASA-CR-165767] p 666 A83-33852

**BOEING 747 AIRCRAFT**

Wake vortex attenuation flight tests - A status report p 30 A83-11806

Flight test of the 747-JT9D for airframe noise p 189 A83-13163

Ground effects on aircraft noise for a wide-body commercial airplane p 305 A83-24034

EMC analysis of a prototype civil use GPS receiver on four aircraft configurations [ECAC-CR-82-048] p 217 A83-12300

Vertical accelerations of a large aircraft during landing and taxiing [NLR-TR-82001-U] p 389 A83-23298

Nacelle Aerodynamic and Inertial Loads (NAIL) project [NASA-CR-168712] p 605 A83-30402

**BOEING 757 AIRCRAFT**

The cost definition phase of a new commercial aircraft programme p 242 A83-24425

ARINC 429 digital data communications for commercial aircraft p 253 A83-24435

On the routes - Boeing 757 with British Airways p 327 A83-29241

Application of Monte-Carlo techniques to the 757/767 autoland dispersion analysis by simulation [AIAA PAPER 83-2193] p 619 A83-41678

Functional development of the 757/767 digital cat IIIB Autoland System [AIAA PAPER 83-2192] p 592 A83-41762

**BOEING 767 AIRCRAFT**

ARINC 429 digital data communications for commercial aircraft p 253 A83-24435

Hybrid composite application to the Boeing 767 wing/body fairing p 525 A83-40244

Application of Monte-Carlo techniques to the 757/767 autoland dispersion analysis by simulation [AIAA PAPER 83-2193] p 619 A83-41678

Functional development of the 757/767 digital cat IIIB Autoland System [AIAA PAPER 83-2192] p 592 A83-41762

An introduction to the Boeing 767-200 and the 767 Weight Control Program [SAWE PAPER 1467] p 602 A83-43741

Composites in commercial aircraft p 692 A83-46281

**BOLTS**

Interaction of a sunk bolt with parts of a single-shear joint in conditions of radial tension p 557 A83-37517

Fatigue of composite bolted joints under dual load levels p 559 A83-40158

Effects of simulated lightning on composite and metallic joints [NASA-TM-84554] p 177 A83-14170

**BOMBARDMENT**

Proposed specifications for international interoperability on repaired bomb damaged runways p 175 A83-15286

**BOMBER AIRCRAFT**

Blackjack - Soviet B-1 or better p 192 A83-16373

From new technology development to operational usefulness B-36, B-58, F 111/FB-111 [AIAA PAPER 83-1046] p 415 A83-36459

XB-70 technology advancements [AIAA PAPER 83-1048] p 437 A83-36460

Comparison of color and black and white visual displays as indicated by bombing performance in the 2B35 TA-4J flight simulator p 681 A83-44692

Air launched cruise missile Logistics planning problems and implications for other weapons systems [AD-A118129] p 33 A83-11119

Lightning interaction with USAF aircraft p 587 A83-31214

**BOMBING EQUIPMENT**

A comparison of color versus black and white visual display as indicated by bombing performance in the 2B35 TA-4J flight simulator p 269 A83-26313

B-52 operations in the Bright Star 82 exercise p 317 A83-29204

**BOMBS (ORDNANCE)**

Evaluation of three state-of-the-art water-jet systems for cutting/removing concrete [AD-A123579] p 407 A83-24732

**BONDING**

The electrical properties of carbon fibre composites p 227 A83-17618

Energy efficient engine high-pressure turbine single crystal vane and blade fabrication technology report [NASA-CR 165400] p 616 A83-30429

**BOOLEAN ALGEBRA**

Interactive reductions in the number of states in Markov reliability analysis [AIAA PAPER 83-2304] p 650 A83-41761

**BOOMS (EQUIPMENT)**

Two years of training with the first true three-dimensional simulator p 218 A83-22833

Aerodynamic characteristics of the AFFTC noseboom instrumentation unit, volume 1 [AD-A118315] p 14 A83-11089

Extended moment arm anti-spin device [NASA-CASE-LAR-12979-1] p 505 A83-29173

**BOOSTER ROCKET ENGINES**

A rocket boosted sea launched target system p 600 A83-43702

**BOOSTGLIDE VEHICLES**

Design study for remotely piloted, high-altitude airplanes powered by microwave energy [AIAA PAPER 83-1825] p 520 A83-38657

**BORESIGHT ERROR**

Line of sight reconstruction for faster homing guidance [AIAA PAPER 83-2170] p 591 A83-41666

**BORESIGHTS**

Installation, validation and flight evaluation of the Federal Aviation Administration's head-up display system [NASA-TM-85255] p 610 A83-30412

**BORON FIBERS**

Procedure for application of boron-fibre reinforced plastic patch to the Mirage lower wing skin fuel decant region [AD-A119545] p 177 A83-14173

**BORON-EPOXY COMPOUNDS**

Advanced design structural considerations when introducing new materials and construction methods p 328 A83-29394

Program for establishing long-time flight service performance of composite materials in the center wing structure of C-130 aircraft Phase 5 Flight service and inspection [NASA-CR-165770] p 227 A83-17600

**BORSIC (TRADENAME)**

Fabrication and evaluation of brazed titanium-clad borsic/aluminum skin-stringer panels [NASA-TP-1674] p 552 A83-28098

**BOUNDARY INTEGRAL METHOD**

Three-dimensional boundary-layer calculations in design aerodynamics p 662 A83-47034

**BOUNDARY LAYER CONTROL**

Experimental investigation of the effects of wall suction and blowing on the performance of highly offset diffusers [AIAA PAPER 83-1169] p 423 A83-36922

A flight test of laminar flow control leading-edge systems [AIAA PAPER 83-2508] p 727 A83-48356

Design integration of laminar flow control for transport aircraft [AIAA PAPER 83-2440] p 731 A83-49577

Passive shock wave/boundary layer control for transonic supercritical airfoil drag reduction p 180 A83-13068

Introductory survey of aeroelastic problems in separated and transonic flow p 313 A83-20895

**BOUNDARY LAYER EQUATIONS**

Boundary layer calculations in the inverse mode for incompressible flows over infinite swept wings [AIAA PAPER 83-0454] p 137 A83-19590

Finite-difference simulation of transonic separated flow using a full potential boundary layer interaction approach [AIAA PAPER 83-1689] p 555 A83-37189

A new method of boundary layer correction in the design of supersonic wind tunnel nozzle p 659 A83-44561

Computations and turbulent flow modeling in support of helicopter rotor technology [NASA-CR-169927] p 244 A83-18662

Calculation of boundary layers near the stagnation point of an oscillating airfoil [NASA-TM-84305] p 478 A83-27148

**BOUNDARY LAYER FLOW**

Calculation method for transonic separated flows over airfoils including spoiler effects [ONERA, TP NO 1982-66] p 177 A83-14526

Rotation and curvature effects on Reynolds stresses in boundary-layers [ONERA, TP NO 1982-81] p 213 A83-14533

A multi-grid method for the computation of viscid/inviscid interactions on airfoils [AIAA PAPER 83-0234] p 132 A83-16602

Investigation of the effects of upstream sidewall boundary-layer removal on a supercritical airfoil [AIAA PAPER 83-0386] p 133 A83-16686

A one-dimensional unsteady model of dual mode scramjet operation [AIAA PAPER 83-0422] p 161 A83-16705

Current studies at Calspan utilizing short-duration flow techniques p 290 A83-26128

Stability experiments in rotating-disk flow [AIAA PAPER 83-1760] p 555 A83-37232

Investigation of the parameters of a boundary layer before the inlet of a supersonic air intake mounted under the surface of a triangular plate p 494 A83-37533

Experimental evaluation of inlet turbulence, wall boundary layer, surface finish, and fillet radius on small axial turbine stage performance [SAE PAPER 821475] p 534 A83-38001

Flow in a hypersonic boundary layer on a delta wing of finite length at angle of attack p 581 A83-43522

Combined four wall interference assessment in two-dimensional airfoil tests p 689 A83-45576

Prediction of boundary-layer characteristics of an oscillating airfoil p 660 A83-46435

- Calculation of friction and heat transfer on the profile of a turbomachine cascade p 716 A83-48449  
Measurements in the wake of an infinite swept airfoil [NASA-CR-169464] p 13 N83-11086  
Gust response prediction of an airfoil using a modified von Karman-Pohlhausen technique p 461 N83-25718  
[AD-A124716]  
Wall-temperature effects on the aerodynamics of a hydrogen-fueled transport concept in Mach 8 blowdown and shock tunnels p 582 N83-30391  
[NASA-TP-2159]  
A catalog of low Reynolds number airfoil data for wind turbine applications p 665 N83-32772  
[RFP-3387]
- BOUNDARY LAYER SEPARATION**  
Aerodynamic investigation of closely coupled lifting surfaces with positive and negative stagger for general aviation applications p 129 A83-16489  
[AIAA PAPER 83-0057]  
Modifying a general aviation airfoil for supercritical flight p 243 A83-24039  
Investigation of flow past an aircraft wing section in flight and in a wind tunnel p 493 A83-37506  
Half model testing applied to wings above and below stall p 661 A83-46455  
Wind tunnel investigations of some three dimensional separated turbulent boundary layers p 662 A83-47019  
Experiments on a flow with swept separation and reattachment of a boundary layer p 697 A83-47020  
Three-dimensional boundary layers in turbomachines p 697 A83-47021  
Analysis of airfoil leading edge separation bubbles [NASA-CR-165935] p 9 N83-10018  
The phenomenon of dynamic stall p 314 N83-20896  
Reynolds number effects on transonic shock location p 347 N83-20961  
An experimental investigation of the influence from controls on supersonic axisymmetric flow over afterbodies with a centered propulsive jet [FFA-TN-1982-50] p 377 N83-23280  
A collection of papers in the aerospace sciences [AD-A122667] p 417 N83-26787  
Experimental studies of the separating confluent boundary layer Volume 1 Summary [NASA-CR-3655] p 427 N83-26822  
On issues concerning flow separation and vortical flows in 3 dimensions p 504 N83-27961  
[NASA-TM-84374]  
A look at engine handling aspects from aircraft flight test experience, with an outlook for future requirements p 540 N83-29245  
Feasibility of establishing a correlation between boundary layer growth and upstream shock conditions [AD-A126909] p 646 N83-30968
- BOUNDARY LAYER STABILITY**  
Natural laminar flow data from full-scale flight and wind-tunnel experiments p 422 A83-36409  
A comparison of analytical techniques for predicting stability boundaries for some types of aerodynamic or cross-coupling nonlinearities p 51 N83-10071
- BOUNDARY LAYER TRANSITION**  
Wind tunnel noise reduction at Mach 5 with a rod-wall sound shield -- for prevention of premature boundary layer transition on wind tunnel models p 346 A83-28952  
[AIAA PAPER 82-0570]  
Single- and multiple-crater induced nosetip transition p 420 A83-36078  
Flight investigation of natural laminar flow on the Bellanca Skyrocket II p 599 A83-43326  
[SAE PAPER 830717]  
The transition and dynamics of bounded and free shear layers p 217 N83-12380  
[AD-A118665]  
Measured and calculated wall temperatures on air-cooled turbine vanes with boundary layer transition [NASA-TM-83030] p 183 N83-14432  
Ground/Flight Test Techniques and Correlation [AD-A129433] p 576 N83-30357  
Feasibility of establishing a correlation between boundary layer growth and upstream shock conditions [AD-A126909] p 646 N83-30968
- BOUNDARY LAYERS**  
Wind-tunnel investigation of aerodynamic load distribution on a variable-wing-sweep fighter airplane with a NASA supercritical airfoil p 32 N83-11116  
[NASA TM X-3095]  
Similarity rules for effects of sidewall boundary layer in two-dimensional wind tunnels p 347 N83-20960  
Measured boundary conditions methods for 2D flow p 348 N83-20966  
Farfield inflight measurement of high-speed turboprop noise [NASA-TM-83327] p 367 N83-21895
- Pressures measured in flight on the aft fuselage and external nozzle of a twin-jet fighter [NASA-TP-2017] p 424 N83-25665  
A note on adaptive wind tunnels with imperfect control p 466 N83-26792  
End wall flow characteristics and overall performance of an axial flow compressor stage p 427 N83-26819  
[NASA-CR-3671]  
Calculation of boundary layers near the stagnation point of an oscillating airfoil p 478 N83-27148  
[NASA-TM-84305]  
Implicit upwind methods for the compressible Navier-Stokes equations p 478 N83-27149  
[NASA-TM-84364]  
Axial compressor middle stage secondary flow study [NASA-CR-3701] p 505 N83-29174  
Numerical simulation for droplet combustion using Lagrangian hydrodynamics p 537 N83-29210
- BOUNDARY LUBRICATION**  
Finite-length solutions for rotodynamic coefficients of turbulent annular seals p 212 A83-13521  
[ASME PAPER 82-LUB-42]
- BOUNDARY VALUE PROBLEMS**  
Importance of inlet boundary conditions for numerical simulation of combustor flows p 454 A83-36314  
[AIAA PAPER 83-1263]  
The status of two- and three-dimensional testing in the University of Southampton transonic self streamlining wind tunnel p 349 N83-20971
- BOX BEAMS**  
Initial design of stringer stiffened bend boxes using geometric programming p 232 A83-23149  
Design, manufacture and test of graphite composite wing box test structure p 525 A83-40291
- BRAKING**  
Review of NASA antiskid braking research [SAE PAPER 821393] p 517 A83-37969  
Braking of an aircraft tire on grooved and porous asphaltic concrete p 360 N83-22593  
[FAA-CT-82-147]  
Factors influencing aircraft ground handling performance p 527 N83-27979  
[NASA TM 85652]  
The vibration test unit, a unique rail vehicle vibration test facility p 632 N83-30774  
Braking and cornering studies on an air cushion landing system [NASA TP-2196] p 733 N83-34935
- BRANCHING (MATHEMATICS)**  
Bifurcation and limit cycle analysis of nonlinear systems with an application to aircraft at high angles of attack p 544 A83-37080
- BRAYTON CYCLE**  
The design and construction of a low power gas turbine for solar energy conversion An analytical model of operation of the installation in a variable mode --- French thesis p 361 A83-28647
- BRAZING**  
Brazing of silicon nitride p 756 A83-48286  
Fabrication and evaluation of brazed titanium-clad borisic/aluminum skin-stringer panels [NASA TP 1674] p 552 N83-28098
- BREADBOARD MODELS**  
Technology upgrade to ALR-46 and ALR-69 radar warning receivers p 18 A83-11102  
Evaluating Scroll refrigerant compressors for reducing size and weight of military aircraft ECS [SAE PAPER 820877] p 263 A83-25771  
Development of advanced heating facility concepts for microgravity application p 633 N83-31653
- BRIDGES (STRUCTURES)**  
Progress in the practical applications of fracture mechanics p 230 A83-21796  
Polymer concrete patching manual [PB83-180265] p 647 N83-31912
- BRISTOL-SIDDELEY BS 53 ENGINE**  
Supersonic Harrier - One step closer p 200 A83-16371  
Development of thrust augmentation technology for the Pegasus vectored thrust engine [SAE PAPER 821390] p 532 A83-37966
- BROADBAND**  
Tone-excited jet Theory and experiments [NASA-CR-3538] p 222 N83-12968
- BROKEN SYMMETRY**  
Forced and self-excited vibrations of gas-turbine assemblies with perfect and perturbed symmetry p 458 A83-36791
- BUBBLE MEMORY DEVICES**  
A portable physiological data recorder using magnetic bubble memory [AD-A127304] p 646 N83-30997
- BUBBLES**  
Analysis of airfoil leading edge separation bubbles [NASA-CR-165935] p 9 N83-10018
- Drag reduction by means of pneumatic turbulators [ESA-TT-743] p 505 N83-27965
- BUCKLING**  
The lateral buckling-fracture stability of thin-sheet structural components with deep cracks p 298 A83-24648  
Fracture mechanics in design - Particular reference to the thickness effect on the risk of unstable fracture p 558 A83-39547  
Design technology of advanced composites [AD-A127892] p 638 N83-31735  
Buckling of outstanding flanges direct stresses varying linearly or parabolically p 699 N83-33194  
[ESDU-80035]
- BUDGETING**  
Towards the starship Enterprise Are the current trends in defence unit costs inexorable? p 413 A83-31923
- BUFFETING**  
Wind tunnel measurements of wing-buffet boundaries at subsonic and transonic speeds p 7 A83-10440  
Some measurements of wing buffeting on a flutter model of a typical strike aircraft p 48 N83-10052  
[RAE-TR-82007]  
Introductory survey of aeroelastic problems in separated and transonic flow p 313 N83-20895  
Dynamic response of aircraft with fluctuating flow fields p 341 N83-20897  
Aeroelastic buffeting prediction technique A general review p 341 N83-20898  
Some remarks on buffeting p 341 N83-20899  
Companion of flight and wind tunnel buffeting measurements on the SAAB 105 aircraft p 604 N83-30369  
Some measurements of buffeting on a flutter model of a typical strike aircraft p 627 N83-30370
- BUILDINGS**  
Wakes from arrays of buildings --- flight safety p 558 A83-38766  
Wakes from arrays of buildings --- flight safety [NASA-CR-170666] p 183 N83-14430  
Strong winds in the atmosphere boundary layer Part 1 Mean hourly wind speeds --- wind loads on buildings and structures [ESDU-82026-AMEND A] p 700 N83-33209
- BUOYANCY**  
Effect of buoyancy and power design parameters on hybrid airship performance [AIAA PAPER 83-1976] p 521 A83-38907  
Hybrid LTA vehicle controllability as affected by buoyancy ratio [NASA CR-152344] p 204 N83-12099
- BUOYS**  
An evaluation of SARP (search and rescue planning system) drift predictions using satellite-tracked drift-buoys [AD-A127987] p 589 N83-31588
- BURNERS**  
Combustion experiments with a new burner air distribution concept [ASME PAPER 83-GT-31] p 737 A83-47893  
Experimental gas-fired pulse-combustion studies [NASA-CR-172827] p 637 N83-30548
- BURNING RATE**  
Application of thermochemical modeling to aircraft interior polymeric materials [NASA-CR-169384] p 211 N83-12237
- BURSTS**  
Joint Airport Weather Studies (AWS) project p 704 N83-33840
- BUTENES**  
Viscometric and misting properties of polymer-modified fuel [NASA-CR-169750] p 226 N83-16543
- BYPASS RATIO**  
Composite fan exit guide vanes for high bypass ratio gas turbine engines p 198 A83-13159  
New thrusts in engine design p 162 A83-17236  
Prediction of high bypass ratio engine static and flyover jet noise [AIAA PAPER 83-0773] p 281 A83-25958  
Cost effective performance restoration of high by-pass engines p 447 A83-35833  
Experimental results of a deflected thrust V-STOL nozzle research program [AIAA PAPER 83-0170] p 579 A83-42100  
Effect of steady-state pressure distortion on inlet flow to a high-bypass-ratio turbofan engine [NASA-TM-82964] p 166 N83-15306  
A study of bird ingestions into large high bypass ratio turbine aircraft engines [FAA-CT-82-144] p 319 N83-22173  
Research and development of the turbofan engine (the 2nd phase, FJR 710) [NAL-TR-741] p 395 N83-24508

- Experimental results of a deflected thrust V/STOL nozzle research program  
[NASA-TM-83069] p 423 N83-25657

## BYPASSES

- An adjustment method and engineering realization for control curves of the 2-variable function  
p 32 N83-11045

## C

## C-130 AIRCRAFT

- C-141 operations in Bright Star 82 p 14 A83-12224  
Program for establishing long-time flight service performance of composite materials in the center wing structure of C-130 aircraft Phase 5 Flight service and inspection  
[NASA-CR-165770] p 227 N83-17600  
Calibration of C-130 lightning characterization sensors  
[AD-A127344] p 610 N83-30413

## C-135 AIRCRAFT

- Two years of training with the first true three-dimensional simulator p 218 A83-22833  
KC-135/CFM56 re-engine - The best solution  
[AIAA PAPER 83-1374] p 456 A83-36367  
Flight software for optimal trajectories in transport aircraft  
[AIAA PAPER 83-2241] p 591 A83-41718  
NOVA-2S correlation with KC-135A fuselage shock tube test results  
[AD-A124013] p 466 N83-25732  
Preliminary science report on the directional solidification of hypereutectic cast iron during KC-135 low-G maneuvers  
[NASA-TM-82528] p 470 N83-25854

## C-140 AIRCRAFT

- Farfield inflight measurements of high-speed turboprop noise  
[AIAA PAPER 83-0745] p 280 A83-25947  
USAF Environmental Noise Data Handbook Volume 150 C-140 in-flight crew noise  
[AD-A120508] p 238 N83-17246

## C-141 AIRCRAFT

- C-141 operations in Bright Star 82 p 14 A83-12224  
C-141 operations in Operation Bright Star 82 p 317 A83-29203  
Infrared observations from the NASA Airborne Observatories p 573 A83-40454  
Wind tunnel investigation of cargo extraction parachutes in the wake of a Lockheed C-141B Starliner aircraft  
[AD-A124523] p 425 N83-25675

## C-15 AIRCRAFT

- YC-15 externally blown flap noise p 652 N83-30715

## C-2 AIRCRAFT

- HP-41CV Flight Performance Advisory System (FPAS) for the E-2C, E-2B and C-2A aircraft  
[AD-A119580] p 156 N83-14118

## C-5 AIRCRAFT

- Dynamic taxi response (have bounce) testing of the C-5A aircraft  
[AIAA PAPER 83-1024] p 386 A83-32783

## CABIN ATMOSPHERES

- Dayton aircraft cabin fire model, version 3 Volume 2 Program user's guide and appendices  
[AD-A118390] p 16 N83-11099  
Environmental control subsystems flight test handbook  
[AD-A126872] p 606 N83-30408  
CB agent threat to atmosphere inside Navy aircraft  
[AD-A127882] p 589 N83-31587

## CABINS

- Measurements of the attenuation of an Army headset  
[BR84535] p 309 N83-20704

## CABLES (ROPES)

- Results from tests, with van-mounted sensor, of magnetic leader cable for aircraft guidance during roll-out and turnoff  
[NASA-TP-2092] p 209 N83-16338

## CALCULATORS

- HP-41CV Flight Performance Advisory System (FPAS) for the E-2C, E-2B and C-2A aircraft  
[AD-A119580] p 156 N83-14118  
Planning fuel-conservative descents with or without time constraints using a small programmable calculator Algorithm development and flight test results  
[NASA-TP-2085] p 210 N83-17535  
Hand-held computer programs for preliminary helicopter design  
[AD-A125036] p 481 N83-27624  
Effects of wind on the aircraft optimum cruise performance and flight performance advisory systems for F-4E and F-5E aircraft  
[AD-A125587] p 527 N83-27984

## CALENDARS

- AGARD Bulletin Meetings, publications, membership  
[AGARD-BULL-83/1] p 417 N83-26786

## CALIBRATING

- Status of the calibration support of the Navy ATE p 1 A83-10786  
Timing a LORAN-C chain p 24 A83-12225  
Infrared calibration facilities at Newark Air Force Station p 219 A83-22875  
Spatial calibration of a multispectral data base --- of airborne scanner systems p 209 A83-22882  
Electro-optical calibration considerations at intermediate maintenance levels p 232 A83-22883  
Calibration support of the AN/AAM-60 common forward-looking infrared /FLIR/ test bench p 232 A83-22888  
Seven-hole cone probes for high angle flow measurement Theory and calibration p 474 A83-36085  
Flight test investigation of area calibrated LORAN-C for en route navigation in the Gulf of Mexico  
[FAA-RD-82-7] p 186 N83-12059  
The 1981 calibration of the AEDC-PWT aerodynamic wind tunnel (4T) at Mach numbers from 0.1 to 1.3  
[AD-A118704] p 208 N83-12104  
Calibration facilities for flight test equipment  
[NLR-MP-81029-U] p 159 N83-14125  
Calibration of C-130 lightning characterization sensors  
[AD-A127344] p 610 N83-30413

## CAMBER

- Vane camber and angle of incidence effects in fan noise generation  
[AIAA PAPER 83-0766] p 280 A83-25956  
Variable camber rotor study  
[NASA-CR-166382] p 266 N83-19740

## CAMBERED WINGS

- Load distribution on deformed wings in supersonic flow p 6 A83-10180  
Influence of leading-edge thrust on twisted and cambered wing design for supersonic cruise p 312 A83-29018  
Circulation-controlled elliptical airfoil p 580 A83-42537  
Calculation of potential flow about arbitrary three dimensional wings using internal singularity distributions p 715 A83-48143

## CANADA

- Aeronautics - A coop aerospace education program at University of Sherbrooke, Canada  
[AIAA PAPER 83-2474] p 770 A83-48340

## CANADIAN AIRCRAFT

- CF34 upgrades Challenger capabilities p 434 A83-35315

## CANARD CONFIGURATIONS

- Aerodynamic optimization, comparison, and trim design of canard and conventional high performance general aviation configurations  
[AIAA PAPER 83-0058] p 148 A83-16490  
Application of the PANAIR production code to a complex canard/wing configuration  
[AIAA PAPER 83-0009] p 136 A83-17902  
A numerical transformation solution procedure for closely coupled canard-wing transonic flows  
[AIAA PAPER 83-0502] p 137 A83-19591  
Delta canard configuration at high angle of attack p 285 A83-24650  
Homebuilt airplanes - The sky's the limit p 242 A83-25122  
Computational treatment of three-dimensional transonic canard-wing interactions p 312 A83-29021  
Low-speed aerodynamic characteristics of a generic forward-swept-wing aircraft  
[SAE PAPER 821467] p 496 A83-37998  
The leading-edge vortex trajectories of close-coupled wing-canard configurations and their breakdown characteristics  
[AIAA PAPER 83-1817] p 498 A83-38649  
High aspect ratio forward sweep for transport aircraft  
[AIAA PAPER 83-1832] p 498 A83-38661  
Wake characteristics and interactions of the canard/wing lifting surface configuration of the X-29 forward-swept wing flight demonstrator  
[AIAA PAPER 83-1835] p 499 A83-38664  
Aerodynamics characteristics of a canard controlled high fineness ratio missile  
[AIAA PAPER 83-1839] p 545 A83-38668  
An assessment of PANDORA using a Canard/Wing/Body configuration --- Preliminary Automated Numerical Design of Realistic Aircraft  
[AIAA PAPER 83-1850] p 500 A83-38678  
Parametric study of critical constraints for a canard configured medium range transport using conceptual design optimization  
[AIAA PAPER 83-2141] p 598 A83-41963  
Experimental wing and canard jet-flap aerodynamics  
[AIAA PAPER 83-0081] p 715 A83-48211  
Measurement of wake interactions of a canard and a forward swept wing  
[AD-A118756] p 180 N83-12053

- Computational treatment of transonic canard-wing interactions  
[AD-A121662] p 246 N83-19718  
High-angle-of-attack stability characteristics of a 3-surface fighter configuration  
[NASA-TM-84584] p 288 N83-19757  
Aeropropulsive characteristics of single-expansion-ramp vectoring nozzles installed with forward-swept wings and canards --- transonic tunnel tests  
[NASA-TP-2133] p 316 N83-22161  
A wind tunnel study of the effects of a close-coupled canard on the aerodynamic characteristics of a forward-swept wing in incompressible flow  
[AD-A124722] p 425 N83-25673  
Characteristics of double-canard aerodynamic shape configuration  
[AD-A128337] p 718 N83-34913

## CANOPIES

- An analysis of the fatality rate data from 'jettison-canopy' and 'through-the-canopy' ejections from automated airborne escape systems p 182 A83-15403  
Preliminary generalized thoughts concerning jettisoned vs through-the-canopy ejection escape systems p 182 A83-15406  
The 3 ring canopy release system p 183 A83-15416

- Simulation of T-38 aircraft student canopy response to cockpit pressure and thermal loads using MAGMA --- Materially and Geometrically Nonlinear Analysis  
[AIAA 83-0942] p 328 A83-29772  
Net-skirt addition to a parachute canopy to prevent inversion p 428 A83-36911  
Finite-element analysis of the T-38 canopy p 594 A83-41044

- Aircraft canopy lock  
[NASA-CASE-FRC-11065-1] p 266 N83-19737

## CANTILEVER BEAMS

- Anisotropic beam theory and applications p 65 A83-12756  
Deflections of inflated cylindrical cantilever beams subjected to bending and torsion p 65 A83-12853  
Natural frequency of rotating beams using non-rotating modes p 181 A83-18383  
Design of dry-friction dampers for turbine blades p 450 A83-35883

## CANTILEVER MEMBERS

- Cascade flutter analysis of cantilevered blades  
[ASME PAPER 83-GT-129] p 740 A83-47958

## CANTILEVER PLATES

- Comparison of frequency determination techniques for cantilevered plates with bending-torsion coupling  
[AIAA 83-0953] p 358 A83-29885

## CAPACITANCE

- Design of algorithms to extract data from capacitance sensors to measure fastener hole profiles p 639 A83-41026

## CAPACITORS

- High voltage design guide Volume 4 Aircraft  
[AD-A129530] p 766 N83-36372

## CARBIDES

- Ni-base MC-carbide reinforced eutectic alloys for jet engine application p 691 A83-44061

## CARBON

- Some fuel effects on carbon formation in gas turbine combustors p 350 A83-29392  
Evaluation of lubricants for air compressors  
[PB82-259003] p 226 N83-16538

## CARBON DIOXIDE

- NASA Airborne Doppler Lidar program Data characteristics of 1981  
[NASA-CR-170667] p 220 N83-13706  
Development of the utilization of combustible gas produced in existing sanitary landfills Effects of corrosion at the Mountain View, California landfill gas-recovery plant  
[DE83-001576] p 363 N83-22769

## CARBON DIOXIDE LASERS

- Multifunction CO<sub>2</sub> NOE sensor - A status report --- Nap-Of-the-Earth p 35 A83-11147  
Multifunction CO<sub>2</sub> laser radar technology p 208 A83-22502  
CO<sub>2</sub> laser rangefinders p 670 A83-44812  
Airspeed and wind shear measurements with an airborne CO<sub>2</sub> CW laser p 735 N83-34898

## CARBON FIBER REINFORCED PLASTICS

- A production engineers view of advanced composite materials p 59 A83-11800  
A new high impact resin system for advanced composites with 300 F /150 C/ properties p 222 A83-20429  
Adhesive stress-strain properties relative to fatigue life of titanium bonded to graphite reinforced plastic p 294 A83-23616

- Fracture tough composites - The effect of toughened matrices on the mechanical performance of carbon fiber reinforced laminates p 294 A83-23642
- Design and manufacture of the Tornado carbon-fiber reinforced plastics taileron [DGLR PAPER 82-038] p 261 A83-24162
- Control of the material properties and structural application of carbon fiber reinforced plastics [AIAA PAPER 83-0859] p 403 A83-32790
- Strength tests of CFRP joint assembly models for tailplane structure p 559 A83-40159
- Effect of defect on the behaviour of composites p 551 A83-40215
- The in-service flight testing of some carbon fibre-reinforced plastic components p 599 A83-42808
- Long-term operational testing of CFRP spoilers p 710 A83-47205
- Method of construction and fabrication procedures for the A300-tudder unit, using a carbon-fiber type of construction p 710 A83-47211
- Service operation of a CFRP window frame in short fiber pressing [BMFT-FB-W-82-021] p 233 A83-17749
- Composite materials on a commuter aircraft The ATR 42 [SNIAS-822-111-105] p 403 A83-23363
- Investigation of the RF properties of carbon fiber composite materials [ERA-81-109] p 552 A83-28084
- Further measurements of the screening effectiveness of carbon fiber composite materials - for helicopter panels p 552 A83-28088
- The electromagnetic environment of an airframe partly constructed from carbon fiber composite material --- helicopter airframe p 552 A83-28090
- The performance of VHF and UHF aenals mounted on carbon fiber composite materials p 560 A83-28092
- EMC implications of using CFC materials in aircraft manufacture p 552 A83-28093
- Use of composites in aero-engines [PNR-90149] p 554 A83-29322
- Composites in ground test services --- aircraft manufacturing [BAE-KGT-N-GEN-00999] p 638 A83-31729
- CARBON FIBERS**
- The preparation and properties of mesophase pitch-based carbon fibers p 294 A83-23643
- Reproducible processing and reliable repeatability in carbon fibre composites p 350 A83-29715
- The electrical properties of carbon fibre composites p 227 A83-17618
- Status, trends and implications of carbon fiber material use [PB83-147751] p 471 A83-26934
- CARBON MONOXIDE**
- The formation of carbon monoxide during turbulent diffusion combustion --- for aircraft gas turbine combustion chambers p 758 A83-49769
- CARBON STEELS**
- An evaluation of fretting at small slip amplitudes p 177 A83-17254
- CARBON 13**
- A carbon-13 and proton nuclear magnetic resonance study of some experimental referee broadened-specification /ERBS/ turbine fuels p 59 A83-11482
- CARBON-CARBON COMPOSITES**
- Research on ultra-high-temperature materials, monolithic ceramics, ceramic matrix composites and carbon/carbon composites p 211 A83-12161
- CARBURETORS**
- Light aircraft piston engine carburetor ice detector/warning device sensitivity/effectiveness [AD-A117745] p 38 A83-10041
- Engine performance comparison associated with carburetor icing during aviation grade fuel and automotive grade fuel operation [DOT/FAA/CT-82/110] p 618 A83-31604
- CARBURIZING**
- Calculation of the depth and hardness of the carburization layer of cylindrical parts -- for aircraft engines p 350 A83-29282
- CARET WINGS**
- The aerodynamic characteristics of caret wings at subsonic flight speeds p 243 A83-24241
- CARGO**
- Questions and answers concerning runway 18 West [FACHTHEMEN-2] p 400 A83-23321
- Fire containment characteristics of aircraft class D cargo compartments [FAA-CT-82-156] p 509 A83-27968
- Design, fabrication, installation and flight service evaluation of a composite cargo ramp skin on a model CH-53 helicopter [NASA-CR 172126] p 693 A83-33955
- CARGO AIRCRAFT**
- The KC-10A - USAF's newest range extender p 189 A83-14700
- The Air Force Flight Test Center Palletized Airborne Water Spray System [AIAA PAPER 83-0030] p 148 A83-16472
- Advanced turboprop cargo aircraft systems study p 386 A83-32582
- Aerodynamic development for efficient military cargo transports [AIAA PAPER 83-1822] p 520 A83-38654
- New concept for low cost VTOL cargo delivery capability [AIAA PAPER 83-2207] p 584 A83-41691
- International Forum for Air Cargo, 11th, New York, NY, September 27-30, 1982, Proceedings p 668 A83-45900
- A very large cargo aircraft design project p 730 A83-49436
- Development of two supercritical airfoils with a thickness-to-chord ratio of 0.20 and design lift coefficients of 0.3 and 0.4 [NASA-TM-X-73948] p 12 A83-11079
- Impact of advanced air transport technology Part 2 The air cargo system, background paper [PB82-186818] p 221 A83-12919
- Lightning interaction with USAF aircraft p 587 A83-31214
- CARIBBEAN SEA**
- Oceanic Area System Improvement Study (OASIS) Volume 4 Caribbean region air traffic services system description [FAA-EM-81-17-VOL 4] p 201 A83-16317
- Oceanic Area System Improvement Study (OASIS) Volume 5 North Atlantic, Central East Pacific, and Caribbean regions communication systems description [FAA-EM-81-17-VOL 5] p 201 A83-16318
- CARTESIAN COORDINATES**
- User's manual for master Modeling of aerodynamic surfaces by 3-dimensional explicit representation --- input to three dimensional computational fluid dynamics [NASA-CR-166058] p 236 A83-18304
- CASCADE CONTROL**
- Handling qualities aspects of CTOL aircraft with advanced flight controls p 50 A83-10064
- CASCADE FLOW**
- Optical methods of flow diagnostics in turbomachinery p 62 A83-11076
- Sounding propagation in multistage axial flow turbomachines p 222 A83-15289
- Analytical profiling of turbine blades p 200 A83-16010
- Experimental evaluation of shockless supercritical airfoils in cascade [AIAA PAPER 83-0003] p 129 A83-16455
- The effect of aerodynamic coupling between the blades of a cascade on the aerodynamic damping of blade vibrations and the onset of blading flutter p 182 A83-19312
- Three dimensional holographic flow visualization p 299 A83-26420
- The response of a multistage compressor to an azimuthal distortion p 281 A83-26923
- Profile losses during the release of air onto the surface of nozzle vanes p 418 A83-35590
- Numerical computation of turbulent flow around the spinner of a turbofan engine p 418 A83-35838
- Aerodynamic optimization theory of A 3-D axial-flow rotor-blading via optimal control p 418 A83-35839
- A contribution to the calculation of secondary flows in an axial flow compressor p 419 A83-35852
- Effect of entry boundary layer thickness on secondary flows in an annular cascade of turbine nozzle and rotor blades p 419 A83-35868
- High angle-of-attack cascade measurements and analysis p 419 A83-35875
- Experimental research on the design of highly loaded axial fans --- German thesis p 493 A83-37498
- The rule of forbidden signals and apparent Mach numbers in supersonic compressor cascades p 580 A83-42560
- Flow visualization investigation of choking cascade turns p 641 A83-42564
- Three-dimensional boundary layers in turbomachines p 697 A83-47021
- Measurements of secondary flows within a cascade of curved blades and in the wake of the cascade [ASME PAPER 83-GT-24] p 713 A83-47889
- An experimental investigation of endwall heat transfer and aerodynamics in a linear vane cascade [ASME PAPER 83-GT-52] p 714 A83-47909
- Effect of particle presence on the incompressible inviscid flow through a two dimensional compressor cascade [ASME PAPER 83-GT-95] p 714 A83-47941
- Cascade flutter analysis of cantilevered blades [ASME PAPER 83-GT-129] p 740 A83-47958
- Calculation of friction and heat transfer on the profile of a turbomachine cascade p 716 A83-48449
- The use of coloured smoke to visualize secondary flows in a turbine-blade cascade p 717 A83-49466
- The effect of the stator with unequal pitch cascades on the compressor blade vibration p 42 A83-10013
- Shock wave boundary layer interaction in compressor cascades p 43 A83-11041
- Numerical simulation of inviscid compressible flow through two-dimensional cascade by finite area method [NAL-TR-709] p 217 A83-12348
- The aerodynamic performance of several flow control devices for internal flow systems [NASA-TP-1972] p 221 A83-17560
- An experiment to improve the surge margin by use of cascade with splitter blades p 263 A83-18956
- Survey of transonic flow research in China [AD-A122788] p 315 A83-20923
- Improved design of subcritical and supercritical cascades using complex characteristics and boundary layer correction [NASA-CR-168166] p 377 A83-24474
- Roughness effects on compressor outlet guide vanes at high Reynolds Number and high turning angle [AD-A124688] p 395 A83-24511
- Design of choking cascade turns [AD-A124792] p 477 A83-26023
- Aeroelasticity in turbomachine-cascades [AD-A127709] p 618 A83-31605
- Profile design for cascades - compressor blade profile p 686 A83-34832
- CASCADE WIND TUNNELS**
- The NAL transonic cascade tunnel p 55 A83-11081
- High angle-of-attack cascade measurements and analysis p 419 A83-35875
- Theoretical and experimental investigations involving plane turbine cascades with sweep and dihedral - German thesis p 578 A83-41806
- Gas turbine engine cascade wind tunnel with automatic data acquisition and control p 630 A83-42563
- Measurement techniques for heat transfer in the turbine using short duration wind tunnel techniques p 216 A83-12271
- Design and evaluation of cascade test facility [AD A125622] p 549 A83-28009
- CASCADES**
- Time-variant aerodynamics for translational motion of large turning airfoils [AD A118884] p 203 A83-13105
- CASES (CONTAINERS)**
- Major hot section component salvaged through advanced repair methods [SAE PAPER 821489] p 534 A83-38007
- CASING**
- Institute of environmental sciences aircraft engine combustor casing life simulation for increased reliability p 391 A83-31493
- CASSEGRAIN ANTENNAS**
- The analysis of a flat plate twist reflector Cassegrain aerial using GTD p 143 A83-18646
- CAST ALLOYS**
- Structural members made of high-strength cast aluminum and their properties --- and reduction of aircraft production costs p 468 A83-33954
- High-strength aluminum high-quality casting alloy in aeronautics and astronautics p 468 A83-33955
- Development of the single crystal alloys CM SX 2 and CM SX-3 for advanced technology turbine engines [ASME PAPER 83-GT-244] p 756 A83-48034
- New developments in aluminum and titanium investment castings p 178 A83-15438
- Preliminary science report on the directional solidification of hypereutectic cast iron during KC-135 low-G maneuvers [NASA-TM-82528] p 470 A83-25854
- Integrally cast low-cost compressor [AD-A127663] p 639 A83-31824
- Statistical and vibratory fatigue limit characteristics of aluminum cast alloys p 692 A83-32712
- Welding of components made of the aluminum cast alloy A357 p 698 A83-32715
- CASTING**
- Advanced castings in the design of military aircraft p 178 A83-15429
- The quality and control of precision castings for turbomachines p 179 A83-15446
- Energy efficient engine high-pressure turbine single crystal vane and blade fabrication technology report [NASA-CR-165400] p 616 A83-30429
- Integrally cast low-cost compressor [AD-A127663] p 639 A83-31824
- CASTINGS**
- Alpha jet-pylon - highly loaded structural component p 658 A83-32710

## CASUALTIES

## CASUALTIES

Crash injury protection in survivable air transport accidents United States civil aircraft experience from 1970 through 1978 (incomplete) p 381 N83-24489 [FAA-CT-82-118]

## CATALOGS (PUBLICATIONS)

Greenland 1979 microwave remote sensing data catalog report, 14-15 October 1979 p 362 N83-21730 [NASA-TM-84571]

## CATALYSIS

NASA clean catalytic combustor program [ASME PAPER 82-JPGC-GT-11] p 295 A83-25269

## CATALYSTS

The removal of metals from a jet fuel using a manganese catalyst p 350 A83-28775

## CATAPULTS

Catapult dynamics in a high acceleration environment [AD-A122314] p 250 N83-19724

## CATHODE RAY TUBES

Colour flight deck displays p 197 A83-16336 Multifunction display simulation facility p 159 A83-17302

Calligraphic/raster color display for simulation p 231 A83-22832 New displays for the next generation of civil aircraft - Airbus A 310 and A 300/600 color cathode tubes p 269 A83-24374

Computer generated cockpit engine displays p 269 A83-26309 Human factors in the application of large screen electronic displays to transport flight station design p 269 A83-26312

Application and experience of colour CRT flight deck displays p 680 A83-44688 Four-dimensional flight management using colour CRT displays p 681 A83-44689

Application of video multiplexing to design of cockpit display systems [AD-A122127] p 271 N83-19752

Replacement of electromechanical devices by cathode ray tubes [SNIAS-822-111-110] p 407 N83-23523

Cathode ray tubes p 611 N83-30417 Manufacturing Methods and Technology (MM&T) specifications for miniature cathode ray tube [AD-A127160] p 645 N83-30921

## CATHODOLUMINESCENCE

Vacuum fluorescent tubes p 611 N83-30422

## CAUCHY INTEGRAL FORMULA

A method for modifying two-dimensional adaptive wind-tunnel walls including analytical and experimental verification [NASA-TP-2081] p 292 N83-18770

## CAVITATION CORROSION

Experimental research on cavitation erosion for an oscillating wing profile --- German thesis p 556 A83-37497

## CAVITATION FLOW

Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 1 [DE82-903116] p 303 N83-20165

## CAVITIES

Manufacturing methods for composite graphite hole generation [SAE PAPER 821418] p 557 A83-37976 Large-bore tapered-roller bearing performance and endurance to 2.4 million DN p 303 N83-20134

## CEILINGS (ARCHITECTURE)

Fire containment characteristics of aircraft class D cargo compartments [FAA-CT-82-156] p 509 N83-27968

## CEILINGS (METEOROLOGY)

Aircraft accident report Sun West Airlines Flight 104, Piper PA-31-350(T-1020), N41070, Durango-LaPlata County Airport, Durango, Colorado, December 31, 1981 [PB82-910413] p 197 N83-16309

## CELESTIAL GEODESY

Geodesy and the global positioning system p 671 A83-46338

## CELESTIAL MECHANICS

Unified theory of motion of inner planets p 655 N83-30457

## CELESTIAL NAVIGATION

Celestial navigation in the computer age --- Book p 185 A83-14116

## CEMENTS

Application of semi-rigid pavements in rapid runway repair p 175 N83-15289 Polymer concrete patching manual [PB83-180265] p 647 N83-31912

## CENTER OF GRAVITY

Tnm Tank system for optimizing drag at the center of gravity [DGLR PAPER 82-030] p 284 A83-24156

The employment of a miniature calculating device for the determination of the center of gravity p 545 A83-39220

Optimizing tail size and wing location within loadability constraints [SAWE PAPER 1466] p 602 A83-43740

On-board weight and center-of-gravity measurement system with tire-pressure monitoring p 725 A83-47216

Conserving aviation fuel by shifting center-of-gravity position p 194 N83-13063

## CENTERBODIES

Numerical simulation of cold flow in an axisymmetric centerbody combustor [AIAA PAPER 83-1741] p 531 A83-37219

## CENTRAL PROCESSING UNITS

Performance analysis of a dwell-time processor for monopulse beacon radars p 200 A83-22726

Avionic software design p 334 N83-22113 The remote link unit. A demonstration of operational performance, part 1 [AD-A124619] p 476 N83-25939

## CENTRIFUGAL CASTING

An evaluation of vacuum centrifuged titanium castings for helicopter components p 178 N83-15439

## CENTRIFUGAL COMPRESSORS

Comparison between probe and laser measurements at the outlet of a centrifugal impeller p 299 A83-26418

An analysis of the natural vibrations of the rotors of centrifugal compressor machines p 405 A83-30310

Investigation of the combined regulation of the intermediate stage of a centrifugal compressor by an axial regulating apparatus and a two-row diffuser p 407 A83-33149

Contribution to centrifugal compressor impeller design p 448 A83-35865

The effect of variation of diffuser design on the performance of centrifugal compressors p 448 A83-35866

NASA low-speed centrifugal compressor for fundamental research [AIAA PAPER 83-1351] p 464 A83-36353

On the influence of the diffuser inlet shape on the performance of a centrifugal compressor stage [ASME PAPER 83-GT-9] p 737 A83-47881

Alternative vaneless diffusers and collecting volutes for turbocharger compressors [ASME PAPER 83-GT-32] p 760 A83-47894

Distinction between different types of impeller and diffuser rotating stall in a centrifugal compressor with vaneless diffuser [ASME PAPER 83-GT-61] p 714 A83-47917

Performance evaluation of centrifugal compressor impellers using three-dimensional viscous flow calculations [ASME PAPER 83-GT-62] p 714 A83-47918

A CAD method for centrifugal compressor impellers [ASME PAPER 83-GT-65] p 714 A83-47920

Effect of relative velocity distribution on efficiency and exit flow of centrifugal impellers [ASME PAPER 83-GT-74] p 760 A83-47927

Blade vibration measurements on centrifugal compressors by means of telemetry and holographic interferometry [ASME PAPER 83-GT-131] p 740 A83-47959

Substructuring and wave propagation - An efficient technique for impeller dynamic analysis [ASME PAPER 83-GT-150] p 741 A83-47969

Vibration analysis of radial compressor impellers [ASME PAPER 83-GT-156] p 761 A83-47982

Initial findings during studies of the flow within a high speed impeller using a transit anemometer p 216 N83-12270

NASA low-speed centrifugal compressor for fundamental research [NASA-TM-83396] p 424 N83-25662

Centrifugal-reciprocating compressor [NASA-CASE-NPO-14597-2] p 563 N83-29708

Scaled centrifugal compressor, collector and running gear program [NASA-CR-168167] p 617 N83-30432

## CENTRIFUGAL FORCE

A study of the damping capacity of rods in a centrifugal force field p 695 A83-45322

Centrifuge tests of modifications to the MA-2 aircrewman torso harness, phase 1 [AD-A126416] p 669 N83-33860

## CENTRIFUGES

Composite engine inlet particle separator swirl frame --- CAD for T700 helicopter engine centrifugal filter p 278 A83-24841

A shock tube driver with a 'cyclone' separator p 290 A83-26130

## CERAMIC COATINGS

High-temperature composites - Status and future directions p 551 A83-40129

Recent developments in high temperature coatings for gas turbine airfoils p 634 A83-42254

GATOR-GARD applied coatings extend service lives of critical aerospace components [SAE PAPER 820611] p 696 A83-45869

Strain isolated ceramic coatings [ASME PAPER 83-GT-223] p 762 A83-48021

JT90 ceramic outer air seal system refinement program, phase 2 [NASA-CR-167962] p 165 N83-15305

Sputtered ceramic coatings and sealing layers [DE82-005225] p 226 N83-16531

## CERAMICS

The load-life relationship for M50 steel bearings with silicon nitride ceramic balls [ASLE PREPRINT 82-LC-3C-4] p 212 A83-13239

High-temperature composites - Status and future directions p 551 A83-40129

Ceramic components for high-temperature vehicular gas turbines - State of the art of the German ceramic program [ASME PAPER 83-GT-205] p 762 A83-48006

X-ray tomography applied to NDE of ceramics [ASME PAPER 83-GT-206] p 762 A83-48007

Progress in net shape fabrication of alpha SiC turbine components [ASME PAPER 83-GT-238] p 763 A83-48030

Fabrication of complex shaped ceramic articles by slip casting and injection molding p 763 A83-48306

US national programs in ceramics for energy conversion p 756 A83-48308

Status report 1981 on the German BMFT-sponsored programme 'Ceramic components for vehicular gas turbines' p 756 A83-48309

Nitrogen ceramics in France p 757 A83-48310

The use of ceramics for engines p 757 A83-48636

Further industrial tests of ceramic thermal barrier coatings [NASA-TP-2057] p 42 N83-10045

Research on ultra-high-temperature materials, monolithic ceramics, ceramic matrix composites and carbon/carbon composites p 211 N83-12161

Turbine engine materials durability research p 202 N83-12163

Aeronautics research and technology program and specific objectives [NASA-TM-85163] p 176 N83-13059

Advanced Gas Turbine (AGT) power-train system development [NASA-CR-167875] p 186 N83-15627

Development of ceramic automobile turbine engine components [BMFT-FB-T-83-025] p 554 N83-29407

Evaluation of ceramics for stator applications Gas turbine engines interim report Stator fabrication and evaluation [NASA-CR-168140] p 637 N83-30662

Mid and high temperature rotor program for a 30 kW gas turbine generator set [AD-A129780] p 749 N83-36033

A structural-ceramic research program A preliminary economic analysis [DE83-014263] p 766 N83-36499

Ceramic applications in turbine engines [NASA-CR-165494] p 771 N83-37028

## CERMETS

Coating with overlay, metallic-cermet alloy systems [NASA-CASE-LEW-13639-2] p 227 N83-17683

## CERTIFICATION

On-line certification for ATE systems p 1 A83-10785

General conditions of operational and technical utilization of ILS during Category III operations p 25 A83-13008

DC-9 Super 80 digital flight guidance system simulation techniques for certification p 141 A83-17305

Software aspects in certification of new European civil transport aircraft p 189 A83-17314

Helicopter icing - Testing and certification p 152 A83-18381

Determination of horizontal tail load and hinge moment characteristics from flight data --- on Learjet Model 55 Longhorn p 383 A83-30162

Flight development and certification - How efficient can it be? p 387 A83-32929

Use of simulated ice shapes in known icing certification p 378 A83-32936

A contribution to airworthiness certification of gas turbine disks p 449 A83-35872

From aerostats to DC-10s - Recognition of certificates of airworthiness p 707 A83-45829

Interchange of aircraft --- international lease regulations p 707 A83-45832



- Certification of avionic systems, Proceedings of the Symposium, London, England, April 27, 1982 p 657 A83-45843
- Military systems acceptance criteria — for digital avionic systems p 657 A83-45844
- Certification of digital systems for civil aircraft p 671 A83-45848
- Helicopter avionic systems certification p 687 A83-45849
- Certification of the Lockheed 1011-500 active control system p 687 A83-45850
- FAA rotorcraft icing regulations and directions p 668 A83-46927
- Propeller aircraft noise-certification and flight testing p 308 N83-18657
- CESSNA AIRCRAFT**
- Autogas flight test in a Cessna 150 airplane [SAE PAPER 830708] p 599 A83-43317
- CH-3 HELICOPTER**
- USAF Bioenvironmental Noise Data Handbook Volume 155 CH-3 in-flight crew noise [AD-A120791] p 191 N83-16154
- CH-46 HELICOPTER**
- Output feedback pole assignment under system variation — with CH-46 example p 704 A83-44948
- CH-47 HELICOPTER**
- Multivariable stability margins for vehicle flight control systems p 285 A83-24815
- Operational noise data for UH-60A and CH-47C Army helicopter [AD-A118796] p 223 N83-12974
- CHANNEL CAPACITY**
- Analysis of systems containing multiple, irregular sampling p 70 A83-11131
- CHANNEL FLOW**
- Hydraulics of a channel with a linear jet array — heat transfer coefficient enhancement by transpiration cooling p 298 A83-24049
- Effects of flow separation and cove leakage on pressure and heat-transfer distributions along a wing-cove-elevon configuration at Mach 6.9 — Langley 8-ft high temperature tunnel test [NASA-TP-2127] p 561 N83-28378
- CHANNEL NOISE**
- Adjacent channel interference in the case of the precision distance measuring system DME/P p 258 A83-26480
- CHANNELS (DATA TRANSMISSION)**
- Four-channel multiplexed resolver-to-digital converter p 34 A83-11100
- Bus protocols for a digital audio distribution system p 19 A83-11126
- Description and planned use of a data distribution evaluation system for fiber optic data buses p 21 A83-11183
- Future Navy data bus requirements - Modular approach for flexible evolution p 21 A83-11184
- Single chip Bus Interface Unit eases MIL-STD-1553B remote terminal/bus controller designs p 63 A83-11185
- The design and implementation of the KC-135 Avionics Hot Bench Monitor p 36 A83-11227
- A fast microprocessor communication network design for interprocessor communications for an integrated flight control system p 24 A83-11902
- Analysis of a real-time application [AIAA PAPER 83-1088] p 480 A83-36212
- Advanced avionic systems for multimission applications, volume 1 [AD-A121793] p 271 N83-19749
- The use of multiplex data buses in a high integrity system p 332 N83-22102
- Evolution of launch vehicle avionics [SNIAS-831-422-121] p 682 N83-32802
- CHARGE DISTRIBUTION**
- Damage of RFC surface layers by electrostatic charging p 649 N83-31169
- CHARGE EFFICIENCY**
- Computerized design of CAD — Charge Activated Devices p 215 A83-15415
- CHARGE TRANSFER**
- Electric charging by impact of hailstones and raindrops p 649 N83-31231
- CHARPY IMPACT TEST**
- Materials screening tests of the FOD impact design technology program, task 4C — fan and compressor blades for aircraft engines [AD-A119839] p 225 N83-16401
- CHECKOUT**
- Model test and full-scale checkout of dry-cooled jet runup sound suppressors p 753 A83-48217
- On aircraft test software for first line maintenance p 364 N83-22152
- Environmental control subsystems flight test handbook [AD-A126872] p 606 N83-30408
- CHEMICAL ANALYSIS**
- Analytical techniques for aromatic components in aircraft fuels [AD-A118838] p 211 N83-12252
- CHEMICAL ATTACK**
- Fluoroelastomers — materials for hostile fluid environments p 489 A83-36066
- CHEMICAL CLEANING**
- Cleaning gas turbine compressors - Some service experience with a wet-wash system p 210 A83-21350
- CHEMICAL COMPOSITION**
- Tests of blending and correlation of distillate fuel properties p 59 A83-11050
- Effect of fuel composition on Navy aircraft engine hot section components [AIAA PAPER 83-1147] p 450 A83-36244
- CHEMICAL DEFENSE**
- Chemical defense, environmental control systems study [SAE PAPER 820866] p 384 A83-30944
- CHEMICAL EQUILIBRIUM**
- Chemical equilibrium laminar or turbulent three-dimensional viscous shock-layer flows p 715 A83-48133
- CHEMICAL PROPERTIES**
- Recent trends in aviation turbine fuel properties [NASA-TP-2056] p 61 N83-11340
- The chemical and physical properties of JP-4 for 1980 - 1981 [AD-A122965] p 404 N83-23469
- Aviation turbine fuels, 1982 [DE83-010848] p 758 N83-35165
- CHEMICAL REACTIONS**
- New trends in combustion research for gas turbine engines p 446 A83-35806
- Coal gasification for stationary gas-turbine applications [DE82-902135] p 226 N83-16553
- New trends in combustion research for gas turbine engines [NASA-TM-83338] p 338 N83-20947
- Combustion Fundamentals Research [NASA-CP-2268] p 537 N83-29208
- Pollutant formation in monodisperse fuel spray combustion p 538 N83-29213
- Reactions of NaCl with gaseous SO<sub>3</sub>, SO<sub>2</sub>, and O<sub>2</sub> [NASA-TM-83423] p 554 N83-29358
- An assessment of global and quasi-global models of hydrocarbon and hydrogen combustion kinetics for reacting flow-field calculations p 686 N83-33690
- CHEMICAL WARFARE**
- Chemical defense, environmental control systems study [SAE PAPER 820866] p 384 A83-30944
- CB agent threat to atmosphere inside Navy aircraft [AD-A127882] p 589 N83-31587
- CHINA**
- Development of double-rotor supercharged turbojet engines in the USSR as seen from models R11 to R29 p 43 N83-11050
- Chinese aviation in the eyes of American experts [AD-A118961] p 128 N83-14063
- CHIPS (ELECTRONICS)**
- Single chip Bus Interface Unit eases MIL-STD-1553B remote terminal/bus controller designs p 63 A83-11185
- CHORDS (GEOMETRY)**
- Analysis of unswept and swept wing chordwise pressure data from an oscillating NACA 0012 airfoil experiment Volume 1 Technical Report [NASA-CR 3567] p 316 N83-22165
- CHROMIC ACID**
- Improved chromatic acid anodize seal for optimum paint adhesion [SAE PAPER 820603] p 696 A83-45864
- CHROMIUM**
- COSAM (Conservation Of Strategic Aerospace Materials) program overview [NASA-TM-83006] p 61 N83-11282
- CHROMIUM ALLOYS**
- Coarsening and solutioning of precipitates in superalloys [NLR-TR-81114-U] p 404 N83-23422
- CINEMATOGRAPHY**
- Precision navigational filmstrips for use in DOD aircraft [AD-A124761] p 432 N83-25688
- CIRCUIT BOARDS**
- Effective electromagnetic shielding in multilayer printed circuit boards p 215 A83-16122
- Enhanced character sizes for the VDM-1 video display board [NASA-CR-169692] p 147 N83-15275
- CIRCUIT PROTECTION**
- AEHP for advanced technology aircraft — Atmospheric Electricity Hazard Protection p 2 A83-11086
- Methods for minimizing the effects of lightning transients on aircraft electrical systems p 29 A83-11088
- Modeling of direct-strike lightning coupling by a transfer function technique p 612 N83-31177
- Allocation of protection p 588 N83-31240
- CIRCUIT RELIABILITY**
- Aircraft power management control system designed for fast response and high reliability p 40 A83-11151
- Results of a quality principle on the MTBF of an equipment developed for the A-300 p 304 N83-20212
- Usage of the SYSCAP II circuit analysis program to determine semiconductor failure threshold levels caused by lightning/EMP transients p 647 N83-31215
- CIRCUITS**
- Macroencapsulation of electronic circuits p 354 A83-29215
- Allocation of protection p 588 N83-31240
- CIRCULAR CYLINDERS**
- Deflections of inflated cylindrical cantilever beams subjected to bending and torsion p 65 A83-12853
- Flat spin of bodies with circular cross-section [AIAA PAPER 83-2147] p 626 A83-41968
- A method for modifying two-dimensional adaptive wind-tunnel walls including analytical and experimental verification p 292 N83-18770
- Computation of incompressible potential flow over an airfoil using a high order aerodynamic panel method based on circular arc panels [AD-A124896] p 428 N83-26825
- Lattice structures Part 2 Mean fluid forces on tower-like space frames [ESDU-81028-PT-2-AMEND-A] p 700 N83-33202
- CIRCULATION CONTROL AIRFOILS**
- Circulation controlled STOL wing optimization [AIAA PAPER 83-0082] p 130 A83-16509
- The performance of a circulation control airfoil at transonic speeds [AIAA PAPER 83-0083] p 130 A83-16510
- Aerodynamic characteristics of a circulation controlled elliptical airfoil with blown jets [AIAA PAPER 83-1794] p 497 A83-38633
- Development of advanced circulation control wing high lift airfoils [AIAA PAPER 83-1847] p 499 A83-38675
- Circulation-controlled elliptical airfoil p 580 A83-42537
- An experimental/analytical investigation into the performance of a 20-percent thick, 8.5-percent cambered, circulation controlled airfoil [AD-A124732] p 441 N83-25701
- Aerodynamic evaluation of circulation control propellers [NASA-CR-165748] p 616 N83-30428
- An engineering method for estimating the aerodynamic characteristics of Circulation Control Wings (CCW) [AD-A126436] p 666 N83-33856
- CIRCULATION CONTROL ROTORS**
- Aeroelastic stability of an elastic circulation control rotor blade in hover [AIAA PAPER 83-0985] p 387 A83-32785
- X wing noise data acquisition program [NASA-CR-166454] p 266 N83-18717
- CITIES**
- Airport community soundproofing and relocation study [PB82 259144] p 220 N83-16358
- A survey of helicopter and ambient urban noise levels in Phoenix, Arizona [AD-A123856] p 479 N83-26322
- CIVIL AVIATION**
- General conditions of operational and technical utilization of ILS during Category III operations p 25 A83-13008
- Highlights of the new national aeronautical research and technology policy p 175 A83-16374
- Fuel savings in air transport p 138 A83-19150
- The transport aircraft of tomorrow - A single element of an overall system p 128 A83-19410
- Fixed wing and rotary wing flight testing of Navstar GPS as a civilian navigation system p 199 A83-19777
- Management of bird problem in Indian airlines p 196 A83-21877
- Fiber optic wavelength multiplexing for civil aviation applications p 208 A83-22492
- Air traffic control for tomorrow - Problems and solutions p 252 A83-23494
- Development trend in general aviation [DGLR PAPER 82-026] p 242 A83-24153
- Economic conditions and key points of BMFT air transport research requirements in the eighties [DGLR PAPER 82-044] p 242 A83-24168
- The maintenance of modern engines in civil aviation [DGLR PAPER 82-070] p 275 A83-24184
- Advances related to the measurement and representation of real multipath propagation — for radio navigation and instrument landing applications p 258 A83-26485

- Reliability of NAVSTAR GPS for civil aviation  
p 323 A83-28791
- Automation of preplanning as a means for improving  
quality in connection with flight operational control I  
p 317 A83-29372
- Air traffic control into the 21st century  
p 381 A83-30275
- Standardized pavement strength reporting system -  
ACN/PCN --- Aircraft Classification Number/Pavement  
Classification Number  
[AIAA PAPER 83-1602] p 400 A83-33365
- NASA technology program for future civil air  
transports  
[AIAA PAPER 83-1603] p 379 A83-33366
- Airline safety and labor relations law - Balancing rights  
and responsibility p 484 A83-34475
- AISA - Program for automated treatment of aeronautical  
data --- for civil aviation applications  
p 462 A83-35598
- Concepts for a future joint airlift development program  
[AIAA PAPER 83-1591] p 429 A83-36951
- Worldwide aviation outlook --- for passenger and freight  
traffic 1982-1992  
[AIAA PAPER 83-1597] p 429 A83-36952
- Regional airline turboprop engine technology  
[AIAA PAPER 83-1158] p 535 A83-39101
- Automated systems of control in civil aviation of the  
USSR p 513 A83-39219
- Maintenance according to technical conditions --- for  
aircraft p 489 A83-39221
- Automation of preplanning as a means for enhancing  
quality in operational flight control II  
p 509 A83-39222
- Airport use and access p 572 A83-39698
- Airborne reconnaissance in the civilian sector -  
Agricultural monitoring from high-altitude powered  
platforms p 566 A83-39939
- Experiences in medical coverage of airport disasters at  
Logan International Airport in Boston  
p 509 A83-40356
- The role of the Air Force in the transfer of  
general-aviation-traffic control from ITAV to AAAV/TAG  
p 590 A83-41226
- SITELCOM-82 - Telecommunications and data  
processing in the air transport industry, Proceedings of  
the Conference, Monte Carlo, Monaco, March 2-4, 1982  
p 670 A83-45076
- ARGHOS - A tool for schedule planning --- for airlines  
p 667 A83-45077
- Impact of new technology on engineering and  
maintenance systems --- of airlines p 657 A83-45078
- SITA - Advanced telecommunications services --- for  
air transport industry p 670 A83-45079
- From aerostats to DC-10s - Recognition of certificates  
of airworthiness p 707 A83-45829
- Passenger liability in international carriage by air - Lines  
of development p 707 A83-45831
- Interchange of aircraft --- international lease  
regulations p 707 A83-45832
- Air safety - Enforcement of the Federal Aviation  
Regulations p 708 A83-45836
- Certification of digital systems for civil aircraft  
p 671 A83-45848
- Status of area navigation p 672 A83-46960
- Ten years of promoting the development of air transport  
research p 709 A83-47185
- DAS, a DME-supported multifunction system with a wide  
applications range for distance and angle measurements  
with data transfer p 722 A83-47199
- Development of aerodynamical technology for large civil  
aviation aircraft p 709 A83-47204
- Studies and designs for a new helicopter cockpit  
p 725 A83-47210
- Airplane reliability in a nutshell p 760 A83-47614
- Maintenance aspects of modern avionics  
p 710 A83-47654
- Improvements in SSR p 722 A83-47655
- Helicopter noise  
[ONERA, TP NO 1983-80] p 769 A83-48195
- Airline requirements for future civil transport aircraft  
[AIAA PAPER 83-2501] p 719 A83-48354
- Commonality potential of future public service  
helicopters and Army light utility helicopters  
[AIAA PAPER 83-2553] p 720 A83-49593
- Light aircraft piston engine carburetor ice  
detector/warning device sensitivity/effectiveness  
[AD-A117745] p 38 A83-10041
- USSR report Transportation, no 98  
[JPRES-82053] p 176 A83-13060
- Minister reviews plans for raising efficiency of civil  
aviation p 176 A83-13062
- Census of U S civil aircraft, calendar year 1981  
[AD-A119358] p 176 A83-13067
- Pilot-in-command A sociological analysis of general  
aviation accidents p 184 A83-13079
- Airport activity statistics of certificated route air  
carriers  
[AD A119713] p 185 A83-13084
- Government financial support for civil aircraft research,  
technology and development in four European countries  
and the United States p 225 A83-14022
- [NASA-CR-169537] p 225 A83-14022
- Summary of the FAA's future navigation system mix  
evaluation, through May 1982  
[AD-A119314] p 146 A83-14099
- The impact of petroleum, synthetic and cryogenic fuels  
on civil aviation  
[FAA-EM-82-29] p 178 A83-14291
- Symposium on Commercial Aviation Energy  
Conservation Strategies Papers and presentations  
[AD-A107106] p 188 A83-17455
- The use of helicopters in Europe Analysis and  
prospects  
[MBB-UD 359-82-O] p 207 A83-17533
- Small transport aircraft technology  
[NASA-SP-460] p 331 A83-20931
- Fuel conservation and economy constraints  
p 362 A83-22179
- Aviation Gasolines and Future Alternatives  
[NASA-CP-2267] p 352 A83-22442
- Aviation energy and the future of the recreational use  
of sport and general aviation aircraft  
p 352 A83-22444
- An overview of general aviation propulsion research  
programs at NASA Lewis Research Center  
p 340 A83-22456
- Replacement of electromechanical devices by cathode  
ray tubes  
[SNIA-822-111-110] p 407 A83-23523
- Annual review of aircraft accident data, US air carriers,  
calendar year 1980  
[NTSB-ARC-83-01] p 409 A83-23664
- FAA aviation forecasts Fiscal years 1983-1994  
[AD-A124611] p 416 A83-25652
- General aviation activity and avionics survey  
[AD-A124595] p 416 A83-25653
- Guidelines for the planning and dimensioning of general  
aviation installations on traffic airports  
[ISBN-3-87977-049-2] p 690 A83-32815
- The effectiveness of the Civil Aviation Security  
Program  
[AD-A128687] p 721 A83-36013
- General aviation safety research issues  
[AD-A130074] p 722 A83-36015
- CLADDING**  
Flight systems safety program  
[DE82-021833] p 413 A83-25529
- CLEANING**  
The cleaning of the exterior of the aircraft  
p 175 A83-14325
- Self resonating pulsed water jets for aircraft coating  
removal Feasibility study  
[AD-A119114] p 218 A83-13292
- CLEAR AIR TURBULENCE**  
Numerical simulation of the atmosphere during a CAT  
encounter p 565 A83-38764
- CAT detection and forecasting using operational NMC  
analysis data p 566 A83-38765
- The diagnosis and evaluation of turbulence which  
influences the flight of aircraft, according to rawinsonde  
network observation data p 704 A83-45326
- CAT altitude avoidance system  
[NASA-CASE-NPO-15351-1] p 38 A83-10040
- Aviation accident report Train Air, Incorporated, Gates  
Learjet 24, N44CJ, Felt, Oklahoma, 1 October 1981  
[PB82-910404] p 184 A83-13082
- Aircraft accident report IBEX Corporation Gates Learjet  
23, N100TA, Atlanta, near Savannah, Georgia, 6 May  
1982  
[PB83-910401] p 430 A83-26827
- CLEARANCES**  
The measurement of turbomachinery stator-to-drum  
running clearances  
[ASME PAPER 83-GT-204] p 743 A83-48005
- Analysis, design, fabrication and testing of an optical  
tip clearance sensor --- turbocompressor blade tips  
[NASA-CR-165265] p 44 A83-11127
- CF6 jet engine diagnostics program High pressure  
turbine roundness/clearance investigation  
[NASA-CR-165581] p 202 A83-13100
- Materials for advanced turbine engines Volume 1  
Advanced blade tip seal system  
[NASA-CR-167851-VOL-1] p 166 A83-15308
- The JT8D and JT9D engine component improvement  
Performance improvement program  
[NASA-CR-167965] p 214 A83-17543
- A Canadian approach to flutter clearance for external  
stores p 345 A83-22216
- Influence of blade tip clearance on aerodynamically  
induced vibration  
[AD-A123125] p 394 A83-23312
- Evaluation of the performance and flow in an axial  
compressor  
[AD-A125619] p 561 A83-28387
- The matrix of axial and radial plays The present situation  
and perspectives --- turbojet engines p 541 A83-29253
- Control means for a gas turbine engine  
[NASA-CASE-LEW-14586-1] p 617 A83-31603
- CLIMATE**  
Climatic laboratory survey Hughes YAH-64 helicopter  
[AD-A124670] p 440 A83-25698
- CLIMATOLOGY**  
Flight summaries and temperature climatology at airliner  
cruise altitudes from GASP (Global Atmospheric Sampling  
Program) data  
[NASA CR-168106] p 409 A83-24048
- CLIMBING FLIGHT**  
Altitude transitions in energy climbs  
p 287 A83-26604
- Optimal turning climb-out and descent of commercial  
jet aircraft  
[SAE PAPER 821468] p 519 A83-37999
- Energy state revisited -- for minimum-time aircraft  
climbs  
[AIAA PAPER 83-2138] p 598 A83-41960
- Wing extensions for improving climb performance  
[AIAA PAPER 83-2556] p 729 A83-48375
- Airworthiness and flight characteristics test Part 2  
YAH-64 advanced attack helicopter  
[AD A125270] p 442 A83-25705
- Simplified forms of performance equations  
[EDSU-80032] p 677 A83-32788
- CLOSED CYCLES**  
Handling qualities aspects of CTOL aircraft with  
advanced flight controls p 50 A83-10064
- CLOUD COVER**  
The icing of aircraft gas turbine engines  
p 182 A83-14619
- Development of an airborne visibility meter  
[AD-A124276] p 410 A83-25327
- CLOUD GLACIATION**  
The icing of aircraft gas turbine engines  
p 182 A83-14619
- Influence of multidroplet size distribution on icing  
collection efficiency  
[AIAA PAPER 83-0110] p 188 A83-16526
- Production of ice particles in clouds due to aircraft  
penetrations p 566 A83-39120
- Comparison of modern icing cloud instruments  
[NASA-CR-168008] p 270 A83-18720
- CLOUD HEIGHT INDICATORS**  
DFVLR-remote slant visual range (SVR) and wind vector  
measuring systems p 565 A83-38750
- CLOUD PHYSICS**  
Evidence for the production of ice particles in clouds  
due to aircraft penetrations p 767 A83-49691
- Aircraft observations of large scale cloud systems  
[AD-A122515] p 767 A83-49698
- Microphysical influences on aircraft icing  
p 720 A83-49722
- Comparison of modern icing cloud instruments  
[NASA-CR-168008] p 270 A83-18720
- CLOUDS**  
Experimental comparison of icing cloud instruments  
[AIAA PAPER 83-0026] p 585 A83-42099
- Development of an airborne visibility meter  
[AD-A124276] p 410 A83-25327
- CLOUDS (METEOROLOGY)**  
A separator for obtaining samples of cloud water in  
aircraft p 640 A83-41983
- CLUSTER ANALYSIS**  
Estimating regression coefficients from clustered  
samples Sampling errors and optimum sample  
allocation  
[NASA-CR 166117] p 412 A83-25496
- CLUTCHES**  
An SEM analysis of bearing failure due to electrical  
arcing  
[AD-A127827] p 648 A83-32071
- CLUTTER**  
A technique to empirically model clutter signals in  
airborne pulse Doppler radar p 23 A83-11251
- An adaptive scheme for optimal target detection in  
variable clutter environment p 253 A83-24779
- Adaptive clutter suppression for airborne phased array  
radars p 320 A83-27919
- En route Moving Target Detector (MTD) 2 Test and  
evaluation  
[FAA-RD-82-34] p 359 A83-21212
- COAL GASIFICATION**  
Coal gasification for stationary gas-turbine applications  
[DE82-902135] p 226 A83-16553
- COANDA EFFECT**  
The Coanda/refraction concept for gas turbine engine  
test cell noise suppression  
[SAE AIR 1813] p 547 A83-38105

## SUBJECT INDEX

- Aerodynamic evaluation of circulation control  
propellers  
[NASA-CR-165748] p 616 N83-30428
- COASTAL WATER**  
'Larus' and 'VP-1' tested in winter 1982  
p 485 A83-34859
- COATINGS**  
Aircraft surface coatings study: Verification of selected  
materials  
[NASA-CR-159288] p 61 N83-11331  
Advanced rapid runway repair A stable and flush  
repaired runway surface p 175 N83-15287  
High-temperature (649 deg C/1200 deg F) coatings for  
gas-lubricated foil bearings of the Navy's advanced  
auxiliary power unit concepts p 185 N83-15538  
The Rene 150 directionally solidified superalloy turbine  
blades, volume 1  
[NASA-CR-167992] p 338 N83-20946  
JT90 thermal barrier coated vanes  
[NASA-CR-167964] p 536 N83-27993  
Flight test evaluation of drag effects on surface coatings  
on the NASA Boeing 737 TCV airplane  
[NASA-CR-165767] p 666 N83-33852
- COAXIAL CABLES**  
Video distribution requirements for future tactical  
aircraft p 21 A83-11182
- COAXIAL FLOW**  
Conventional profile coaxial jet noise prediction  
p 237 A83-22128  
Coaxial supersonic jet-flows, shock structure and related  
problems with noise-suppression assessment and  
prediction  
[AIAA PAPER 83-0707] p 366 A83-28011  
The relationship between the aerodynamic and acoustic  
characteristics of coaxial jets p 482 A83-35712  
A study of the distribution of the noise source strengths  
in coaxial double jet p 570 A83-37570  
Effects of flight on noise radiated from convected ring  
sources in coaxial dual flow Part 2 The noise from  
heated jets  
[NASA-CR-169736] p 238 N83-17237  
Effects of noise radiated from convected ring sources  
in coaxial dual flow Part 1 The noise from unheated  
jets  
[NASA-CR-169737] p 238 N83-17238  
Comparison of measured and predicted flight effects  
on high-bypass coaxial jet exhaust noise  
[NASA-TM-83347] p 368 N83-23115  
Coaxial dump combustor investigations  
p 459 N83-26791
- COAXIAL NOZZLES**  
Effect of excitation on coaxial jet noise  
p 237 A83-19811  
Comparison of measured and predicted flight effects  
on high-bypass coaxial jet exhaust noise  
[AIAA PAPER 83-0749] p 308 A83-26450
- COBALT**  
COSAM (Conservation Of Strategic Aerospace  
Materials) program overview  
[NASA-TM-83006] p 61 N83-11282
- COBALT ALLOYS**  
Effects of cobalt in nickel-base superalloys  
p 223 A83-21467  
Aluminide coatings on superalloys  
[ONERA, TP NO 1983-68] p 756 A83-48189
- COCKPIT SIMULATORS**  
Dot-matrix display light measurement and interpretation  
techniques --- for qualification tests techniques  
p 36 A83-11257  
A glimpse into the future of air combat --- via  
computerized cockpit simulators  
[AIAA PAPER 83-0143] p 171 A83-16552  
Multifunction display simulation facility  
p 159 A83-17302  
An algorithm of flight simulation on a dynamic stand of  
support type p 462 A83-34429  
Air-to-air combat in a plastic dome  
p 548 A83-40620  
Studies and designs for a new helicopter cockpit  
p 725 A83-47210  
Avoidance maneuvers selected while viewing cockpit  
traffic displays  
[NASA-TM-84269] p 16 N83-11098  
Computer graphic presentation of conventional cockpit  
instruments  
[ARL/SYS-NOTE-82] p 197 N83-12082  
Simulation fidelity and numerosity effects in CDTI  
experimentation  
[NASA-CR-166459] p 358 N83-21209  
Generating an out-the-window cockpit image with the  
iAPX 432  
[AD-A124852] p 466 N83-25735  
Effect of lead-aircraft ground-speed on self-spacing  
performance using a cockpit display of traffic information  
[NASA-TP-2194] p 736 N83-36028

## COCKPITS

- Advanced speech technology in fighter cockpits A new  
perspective on issues and applications p 19 A83-11125  
Video stand-alone instrument multi-function cockpit  
display system p 35 A83-11172  
The complete book of cockpits p 37 A83-11575  
Advanced P-3 flight station studies  
p 195 A83-15429  
Human engineering in aircraft and system design  
p 191 A83-16127  
'Light bar' attitude indicator p 197 A83-16136  
The automated cockpit p 208 A83-20849  
Increasing flight safety under shear wind conditions by  
modifying thrust regulation systems and existing cockpit  
instrumentation  
[DGLR PAPER 82-033] p 284 A83-24159  
Flight deck display p 334 A83-27123  
Simulation of T-38 aircraft student canopy response to  
cockpit pressure and thermal loads using MAGMA ---  
Matenally and Geometrically Nonlinear Analysis  
[AIAA 83-0942] p 328 A83-29772  
Analysis of in-trail following dynamics of CDTI-equipped  
aircraft --- Cockpit Displays of Traffic Information  
p 390 A83-30161  
Chemical defense, environmental control systems  
study  
[SAE PAPER 820866] p 384 A83-30944  
Flight operations A study of flight deck management  
--- Book p 428 A83-33767  
Aircraft night lighting systems  
[SAE PAPER 830713] p 609 A83-43323  
Wide field of view head-up displays  
p 681 A83-44690  
Space technology - The art and science of  
ergonomics p 681 A83-45605  
A mathematical model on the thermal behaviour of an  
aircraft cabin --- Thesis p 676 A83-46691  
Central operating and display unit for avionics systems  
p 722 A83-47193  
Development of avionics installation interface  
standards  
[AD-A116852] p 38 N83-11123  
Application of advanced speech technology in manned  
penetration bombers  
[AD-A119274] p 219 N83-13344  
Pictorial formats Volume 3 Literature review  
[AD-A119223] p 155 N83-14114  
Pictorial formats Volume 1 Format development  
[AD-A119222] p 155 N83-14115  
Safety benefits analysis of general aviation cockpit  
standardization  
[FAA-CT-82-143] p 140 N83-15272  
Cockpit temperatures and cooling requirements of a  
packed aircraft  
[ARL-MECH-ENG-NOTE-388] p 205 N83-16327  
Evaluation of helicopter pilot's attitude control using a  
simulated head-up display in a simulated helicopter  
cockpit  
[AD-A119570] p 219 N83-16355  
Cockpit weather radar display demonstrator and  
ground-to-air sensors telemetry system  
[NASA-CR-169830] p 210 N83-17534  
Evaluation of supplemental lights for caution bars  
[FAA-CT-82-119] p 220 N83-17559  
ATR 42 will have ultramodern, innovative cockpit,  
avionics p 208 N83-17759  
Project Cockpit Instruments and Human Engineering as  
part of a joint programme of research on aircraft guidance  
and control  
[DFVLR-FB-82 13] p 270 N83-18722  
Aircraft canopy lock  
[NASA-CASE-FRC-11065-1] p 266 N83-19737  
Application of video multiplexing to design of cockpit  
display systems  
[AD-A122127] p 271 N83-19752  
Impact of ergonomic studies on the design of civil aircraft  
cockpits p 267 N83-20184  
Avionic software design p 334 N83-22113  
Flight assessment of a data-link-based  
navigation-guidance concept  
[NASA-TM-84493] p 319 N83-22168  
Time-based self-spacing techniques using cockpit  
display of traffic information during approach to landing  
in a terminal area vectoring environment  
[NASA-TM-84601] p 335 N83-22196  
An experimental investigation of the efficacy of  
automated weather data transmission to aircraft in flight  
[FAA-PM-83-11] p 390 N83-23302  
Generating an out-the-window cockpit image with the  
iAPX 432  
[AD-A124852] p 466 N83-25735  
The 5th Advanced Aircrew Display Symposium  
Proceedings  
[AD-A126132] p 531 N83-29206

## COLLISION AVOIDANCE

- Human factors aspects of displays p 610 N83-30415  
Cockpit environment p 610 N83-30416  
A summary and integration of research concerning single  
pilot IFR operational problems  
[NASA-CR-3718] p 668 N83-32783
- CODING**  
The remote link unit. A demonstration of operational  
performance Part 3 Design manual Volume 2  
Appendices A - C  
[AD-A124622] p 476 N83-25935
- COEFFICIENT OF FRICTION**  
Effects of amplitude of oscillation on the wear of dry  
bearings containing PTFE  
[ASME PAPER 81 LUB-6] p 64 A83-11942
- COEFFICIENTS**  
Experimental study on discharge and loss coefficients  
of combustor swirlers p 43 N83-11042
- COHERENCE**  
Correlation of core noise obtained by three signal  
coherence techniques  
[NASA-TM-83012] p 222 N83-12966
- COHERENT ACOUSTIC RADIATION**  
High bypass ratio engine noise component separation  
by coherence technique p 211 A83-22159
- COHERENT RADAR**  
Coherent CO2 lidar systems for remote atmospheric  
measurements p 760 A83-47808
- COLD FLOW TESTS**  
Numerical simulation of cold flow in an axisymmetric  
centerbody combustor  
[AIAA PAPER 83-1741] p 531 A83-37219  
Characteristics of a fluted nozzle gas ejector system  
--- gas turbine exhaust gas cooling systems  
[AD-A128065] p 702 N83-34241
- COLD SURFACES**  
The cooling of printed circuit board mounted  
components using copper ladder heat conduction to a cold  
wall  
[RAE-TR-82092] p 560 N83-28326
- COLD WEATHER TESTS**  
Limited artificial and natural icing test of the OV-ID  
(re-evaluation)  
[AD-A127191] p 606 N83-30410
- COLLAPSE**  
The dynamic collapse of a column impacting a rigid  
surface p 639 A83-40873  
Damage tolerant design using collapse techniques  
p 695 A83-45591  
Analysis of progressive collapse of complex structures  
[AD-A125266] p 478 N83-27260
- COLLECTION**  
Influence of multidroplet size distribution on icing  
collection efficiency  
[AIAA PAPER 83-0110] p 188 A83-16526
- COLLIMATION**  
Holographic HUDs de-mystified p 35 A83-11171
- COLLISION AVOIDANCE**  
Terrain following/terrain avoidance for advanced  
penetrating aircraft p 20 A83-11146  
Sensor snap and narrow field-of-view inset for terrain  
avoidance flight p 36 A83-11188  
Collision risk models p 14 A83 13012  
Electromagnetic environment simulation for TCAS  
avionics --- Threat Alert and Collision Avoidance  
Systems p 141 A83-17304  
Aircraft separation assurance - Systems design  
p 252 A83-23371  
Aircraft separation assurance - Systems design  
p 255 A83-24863  
Viewpoints on selection of collision avoidance  
systems p 256 A83 24874  
Conflict recognition and collision probability in  
connection with horizontal evasion maneuvers  
p 248 A83-26481  
Advantages of statistically interrogating onboard  
anticollision systems p 258 A83-26482  
Computer model of a collision-avoidance system for air  
traffic control p 431 A83-35275  
Development of airborne collision avoidance algorithms  
compatible with the national airspace system  
p 511 A83-37141  
A collision avoidance tool for aircraft pilots  
p 512 A83-37142  
Status of the TCAS program p 682 A83-46959  
Avoidance maneuvers selected while viewing cockpit  
traffic displays  
[NASA-TM-84269] p 16 N83-11098  
Traffic alert and collision avoidance system logic  
evaluation Volume 1 Unequipped threat phase  
[AD-A118256] p 28 N83-11106  
Traffic alert and Collision Avoidance System (TCAS 1)  
design guidelines  
[ATC-114] p 187 N83-12066  
TCAS 1 design guidelines  
[ATC-114] p 187 N83-12067

- An improved technique for altitude tracking of aircraft  
[AD-A118899] p 188 N83-13090
- Third Symposium on Traffic Alert and Collision  
Avoidance Systems (TCAS)  
[FAA-RD-82-75] p 144 N83-14080
- TCAS program p 145 N83-14081
- Status of Mode S implementation p 145 N83-14082
- TCAS 2 operational doctrine p 145 N83-14083
- Comparison of TCAS 1 passive and active transponder  
detectors p 145 N83-14084
- Aircraft traffic in the Los Angeles basin as related to  
TCAS requirements p 145 N83-14085
- Surveillance techniques for minimum TCAS 2  
p 145 N83-14086
- Validation of minimum TCAS 2 surveillance  
performance p 145 N83-14087
- Enhanced TCAS 2 p 145 N83-14088
- Conflict monitoring analysis of parallel opposite direction  
routes, volume 1 p 148 N83-15279
- [AD-A120080] p 148 N83-15279
- Use of radar position reports for estimating aircraft  
acceleration p 156 N83-15281
- [FAA-RD-82-81] p 156 N83-15281
- Conflict monitoring analysis of parallel opposite direction  
routes, volume 2 p 202 N83-16323
- [AD-A120187] p 202 N83-16323
- Traffic alert and collision avoidance system  
developmental simulation p 260 N83-19732
- [FAA-RD-82-49] p 260 N83-19732
- Review of the FAA 1982 National Airspace System  
Plan p 293 N83-19764
- [PB83-102772] p 293 N83-19764
- FAA national airspace system plan  
[GPO-94-438] p 346 N83-20953
- Traffic Alert and Collision Avoidance System (TCAS)  
evaluation Volume 2 Equipped threat phase and an  
assessment in an error-degraded environment p 325 N83-22176
- [FAA-CT-82-52-2-VOL-2] p 325 N83-22176
- Overview of United States program for modernizing air  
traffic control and airway facilities p 325 N83-22184
- Cable avoidance study p 380 N83-23284
- [AD-A122917] p 380 N83-23284
- The 3rd Traffic Alert and Collision Avoidance System  
(TCAS) Symposium p 381 N83-23288
- [AD-A123037] p 381 N83-23288
- COLLISIONS**
- A mm-wave collision warning device for helicopters  
p 645 N83-30895

**COLOR**

- Application and experience of colour CRT flight deck  
displays p 680 A83-44688
- Pictorial formats Volume 1 Format development  
[AD-A119222] p 155 N83-14115
- Development of the precision approach path indicator  
light unit p 202 N83-17527
- [RAE-TM-FS(B)-483] p 202 N83-17527
- Modern display technologies and applications  
[AGARD-AR-169] p 310 N83-20758
- Recommended colours for use on airborne displays  
[RAE-TR-82110] p 610 N83-30411

**COLOR CODING**

- Hazards of colour coding in visual approach slope  
indicators p 186 N83-12057
- [ARL/REPT-25] p 186 N83-12057

**COLOR VISION**

- Colour flight deck displays p 197 A83-16336
- Calligraphic/raster color display for simulation  
p 231 A83-22832
- Comparison of color and black-and-white visual displays  
as indicated by bombing performance in the 2B35 TA-4J  
flight simulator p 681 A83-44692

**COLUMNS (SUPPORTS)**

- The dynamic collapse of a column impacting a rigid  
surface p 639 A83-40873

**COMBAT**

- Combat survivability with advanced aircraft propulsion  
development p 28 A83-10179
- Computer models for determining countermeasures  
effectiveness of expendables in air-to-air engagements  
p 70 A83-11162
- Toward 'combat realistic' tests, evaluations, exercises  
- and training p 56 A83-11237
- The Northrop F-20 avionics mission simulator  
[AIAA PAPER 83-0142] p 171 A83-16551
- A glimpse into the future of air combat --- via  
computerized cockpit simulators  
[AIAA PAPER 83-0143] p 171 A83-16552
- Data base considerations for a tactical environment  
simulation p 463 A83-36219
- [AIAA PAPER 83-1099] p 463 A83-36219
- Dynamics of air combat p 416 A83-36914
- Air-to-air combat in a plastic dome p 548 A83-40620
- Poststall flight in close combat  
[AIAA PAPER 83-2120] p 625 A83-41945

- An eccentric two target differential game model for  
qualitative air-to-air combat analysis  
[AIAA PAPER 83-2122] p 575 A83-41947
- Correlation of flight test and analytic M-on-N air combat  
exchange ratios --- Many-on-Many p 710 A83-48219
- Improved dynamic models for air combat analysis  
[AD-A121379] p 305 N83-19562
- Development and employment of fixed-wing gunships,  
1962 - 1972 p 331 N83-20935
- [AD-A122538] p 331 N83-20935
- Ground and flight testing on the fly-by-wire Jaguar  
equipped with a full time quadruplex digital integrated flight  
control system p 343 N83-22111
- US Navy helicopters in combat search and rescue  
[AD-A122451] p 333 N83-22195
- Combat performance evaluation of fighter aircraft A  
suite of FORTRAN-IV programs based on energy  
manoeuvrability theory p 608 N83-31599
- [AD-A128263] p 608 N83-31599
- A combat aircraft availability assessment technique  
[ISBN-0-902937-80-4] p 658 N83-32708
- On pursuit-evasion between two realistic aircraft  
[SAAB-TN-AE-75] p 705 N83-33641

**COMBINED STRESS**

- Comparison of frequency determination techniques for  
cantilevered plates with bending-torsion coupling  
[AIAA 83-0953] p 358 A83-29885

**COMBUSTIBLE FLOW**

- A study on the hydrogen-oxygen diffusion flame in high  
speed flow p 296 A83-26199
- Importance of inlet boundary conditions for numerical  
simulation of combustor flows  
[AIAA PAPER 83-1263] p 454 A83-36314
- A reverse flow chamber for small turbomachines  
[ONERA, TP NO 1983-30] p 683 A83-44309
- Effects of external burning on spike-induced separated  
flow p 715 A83-48132
- Characteristics of the supersonic combustion of  
nonmixed gases in ducts p 758 A83-49778

**COMBUSTION**

- The optimization of aircraft seat cushion fire-blocking  
layers Full Scale Test description and results  
[NASA-CR-166418] p 16 N83-11097
- Abstracts 1982 AFOSR Contractors Meeting on Air  
Breathing Combustion Dynamics Research  
[AD-A121647] p 351 N83-21062
- Development of the utilization of combustible gas  
produced in existing sanitary landfills Effects of corrosion  
at the Mountain View, California landfill gas-recovery  
plant p 363 N83-22769
- [DE83-001576] p 363 N83-22769
- Injection, atomization, ignition and combustion of liquid  
fuels in high-speed air streams p 471 N83-27033
- [AD-A125237] p 471 N83-27033
- Spontaneous ignition characteristics of hydrocarbon  
fuel air mixtures p 554 N83-29231
- Unsteady flow effects in combustor systems  
p 562 N83-29232
- Experimental gas-fired pulse-combustion studies  
[NASA-CR-172827] p 637 N83-30548
- Computational Methods for Ramjets JPM Specialist  
Session p 685 N83-33885
- [AD-A128297] p 685 N83-33885
- Preliminary tests of an advanced high temperature  
combustion system p 686 N83-33893
- [NASA-TP-2203] p 686 N83-33893
- Effects of percentage of blockage and flameholder  
downstream counterbores on lean combustion limits of  
premixed, prevaporized propane-air mixture  
[NASA TP-2227] p 746 N83-34941

**COMBUSTION CHAMBERS**

- Impacts of broadened-specification fuels on aircraft  
turbine engine combustors p 59 A83-10655
- Characteristic time ignition model extended to an annular  
gas turbine combustor p 39 A83-10666
- Multifuel evaluation of rich/quench/lean combustor  
p 59 A83-11492
- Measured and predicted soot profiles in a gas turbine  
combustor p 41 A83-12077
- Nonlinear structural and life analyses of a combustor  
liner p 65 A83-12764
- The influence of equivalence ratio variation on pollutant  
formation in a gas turbine type combustor p 42 A83-13095
- TF41/Lamilly accelerated mission test p 199 A83-15319
- Gaseous emissions of gas turbine combustors  
[AIAA PAPER 83-0242] p 160 A83-16608
- Small gas turbine combustor study - Combustor liner  
evaluation p 161 A83-16663
- [AIAA PAPER 83-0337] p 161 A83-16663
- A one-dimensional unsteady model of dual mode  
scramjet operation p 161 A83-16705
- [AIAA PAPER 83-0422] p 161 A83-16705

- Improved fault detection in the hot section of turbojet  
engines by individual monitoring procedures p 210 A83-19666
- Effect of broad properties fuel on injector performance  
in a reverse flow combustor p 210 A83-21079
- [AIAA PAPER 83-0154] p 210 A83-21079
- Errors in the experimental determination of the  
parameters of supersonic combustion ramjet engines  
p 211 A83-22653
- Gas turbine combustor modelling for calculating  
pollutant emission p 212 A83-23142
- An experimental study of an annular film-evaporation  
combustion chamber in a low-power gas turbine engine  
p 273 A83-23443
- The relationship between the aerodynamics of a  
combustion chamber and the dynamics of heat release  
p 273 A83-23446
- Radiation and smoke from the gas turbine combustor  
using heavy fuels p 294 A83-23877
- Future fuels for turbojet engines and their impacts on  
combustion chambers and fuel systems p 295 A83-24201
- [DGLR PAPER 82-089] p 295 A83-24201
- Sensitivity of chamber turbulence to intake flows in  
axisymmetric reciprocating engines p 276 A83-24877
- NASA clean catalytic combustor program  
[ASME PAPER 82-JPGC-GT-11] p 295 A83-25269
- Some fuel effects on carbon formation in gas turbine  
combustors p 350 A83-29392
- Fuel character effects on the TF41 engine combustion  
system p 391 A83-30190
- Institute of environmental sciences aircraft engine  
combustor casing life simulation for increased reliability  
p 391 A83-31493
- Acoustic modal analysis of a full-scale annular  
combustor p 481 A83-33486
- [AIAA PAPER 83-0760] p 481 A83-33486
- Cross spectra between temperature and pressure in a  
constant area duct downstream of a combustor  
[AIAA PAPER 83-0762] p 481 A83-33487
- Temperature and composition measurements in a  
research gas turbine combustion chamber p 445 A83-35790
- New trends in combustion research for gas turbine  
engines p 446 A83-35806
- The effect of fuel atomization on soot-free combustion  
in a prevaporizing combustor p 446 A83-35812
- Methanol combustion in a CF61-80A engine combustor  
[AIAA PAPER 83-1138] p 469 A83-36241
- Experiments in dilution jet mixing p 475 A83-36277
- [AIAA PAPER 83-1201] p 475 A83-36277
- Application of 3D aerodynamic/combustion model to  
combustor primary zone study p 454 A83-36316
- [AIAA PAPER 83-1265] p 454 A83-36316
- A JT8D low emissions combustor by radial zoning  
[AIAA PAPER 83-1324] p 455 A83-36339
- The performance of an annular vane swirler --- to aid  
in modeling gas turbine combustor flowfields and swirling  
confined flow turbulence p 455 A83-36340
- [AIAA PAPER 83-1326] p 455 A83-36340
- Numerical simulation of cold flow in an axisymmetric  
centerbody combustor p 531 A83-37219
- [AIAA PAPER 83-1741] p 531 A83-37219
- Development and operating characteristics of an  
advanced two-stage combustor p 535 A83-38022
- Longitudinal modes of gas oscillations in the main  
combustion chamber of gas turbine engines p 535 A83-39169
- A study of the effect of the combustion process on mass  
transfer in the primary zone of the combustion chamber  
of a gas-turbine engine p 614 A83-42150
- Increasing the combustion efficiency of fuel in an  
air-heating chamber operating on a prevaporized fuel  
p 614 A83-42151
- A reverse flow chamber for small turbomachines  
[ONERA, TP NO 1983-30] p 683 A83-44309
- Development of new combustion chamber technologies  
for future alternative combustion fuels p 736 A83-47183
- Combustion experiments with a new burner air  
distribution concept p 737 A83-47893
- [ASME PAPER 83-GT-31] p 737 A83-47893
- A configuration to improve the aerodynamics and scope  
of can-annular combustors p 737 A83-47898
- [ASME PAPER 83-GT-37] p 737 A83-47898
- A compact diffuser system for annular combustors  
[ASME PAPER 83-GT-43] p 738 A83-47903
- Comparison-effects of broadened property jet fuels on  
older and modern J79 combustors p 739 A83-47934
- [ASME PAPER 83-GT-81] p 739 A83-47934
- Development of advanced high-temperature heat flux  
sensors p 42 N83-10044
- [NASA-CR-165618] p 42 N83-10044
- Multifuel evaluation of rich/quench/lean combustor  
[NASA-TM-82986] p 69 N83-10559
- Experimental study on discharge and loss coefficients  
of combustor swirlers p 43 N83-11042

- Effect of broad properties fuel on injector performance in a reverse flow combustor [NASA-TM-83013] p 202 N83-13101
- Investigation of a low NO<sub>x</sub> full-scale annular combustor [NASA-CR-165518] p 202 N83-13104
- Advanced Gas Turbine (AGT) power-train system development [NASA-CR-167875] p 186 N83-15627
- Small gas turbine combustor study Combustor liner evaluation [NASA-TM-83028] p 282 N83-18725
- Energy efficient engine sector combustor rig test program [NASA-CR-167913] p 283 N83-19753
- New trends in combustion research for gas turbine engines [NASA-TM-83338] p 338 N83-20947
- Compressed-air energy storage preliminary design and site development program in an aquifer Volume 5, Part 1 Turbomachinery design [DE83-004005] p 362 N83-22759
- Analytical fuel property effects, small combustors, phase 1 [NASA-CR-168138] p 404 N83-23464
- Design of choking cascade turns [AD A124792] p 477 N83-26023
- Coaxial dump combustor investigations p 459 N83-26791
- A variable-geometry combustor used to study primary and secondary zone stoichiometry [NASA-TM-83372] p 537 N83-27995
- Analytical calculation of a single jet in cross-flow and comparison with experiment p 538 N83-29219
- Turbulent combustor flowfield investigation p 538 N83-29220
- Small gas turbine combustor primary zone study p 538 N83-29221
- Computations of emissions using a 3-D combustor program p 538 N83-29226
- Parametric study of flame radiation characteristics of a tubular-can combustor [NASA-TM-83436] p 539 N83-29237
- Broad specification fuels technology program, phase 1 [NASA-CR-168180] p 637 N83-30551
- Fundamental investigation of jet engine ignition of fuel sprays and its application p 693 N83-32734
- Comparative evaluation of gas turbine engine combustion chamber starting and stalling characteristics for mechanical and air-injection [NASA-TM-77024] p 684 N83-32805
- Computational Methods for Ramjets JPM Specialist Session [AD-A128297] p 685 N83-33885
- Preliminary tests of an advanced high-temperature combustion system [NASA-TM-2203] p 686 N83-33893
- Effects of percentage of blockage and flameholder downstream counterbores on lean combustion limits of premixed, prevaporized propane air mixture [NASA-TM-2227] p 746 N83-34941
- Numerical modelling of ramjet combustors [AD-A129631] p 749 N83-36035
- COMBUSTION CONTROL**
- Small gas turbine combustor primary zone study p 538 N83-29221
- COMBUSTION EFFICIENCY**
- Impacts of broadened-specification fuels on aircraft turbine engine combustors p 59 N83-10655
- Computed and measured turbulence in axisymmetric reciprocating engines p 276 N83-24669
- Experimental research of the mechanism of flame stabilization in two phase mixture p 469 N83-35822
- Effect of fuel composition on Navy aircraft engine hot section components [AIAA PAPER 83-1147] p 450 N83-36244
- Development and operating characteristics of an advanced two-stage combustor p 535 N83-38022
- Procedure for the calculation of basic emission parameters for aircraft turbine engines [SAE AIR 1533] p 535 N83-38104
- Increasing the combustion efficiency of fuel in an air-heating chamber operating on a prevaporized fuel p 614 N83-42151
- Mixing and fuel atomisation effects on premixed combustion performance [ASME PAPER 83-GT-55] p 738 N83-47911
- Emissions from enclosed swirl stabilised premixed flames [ASME PAPER 83-GT-192] p 742 N83-47998
- A reappraisal of transport aircraft needs 1985 - 2000 Perceptions of airline management in a changing economic, regulatory, and technological environment [NASA-CR-165887] p 249 N83-18701
- Analytical fuel property effects, small combustors, phase 1 [NASA-CR-168138] p 404 N83-23464
- An experimental investigation of the combustion behavior of solid fuel ramjets [AD-A127165] p 637 N83-30555
- Improved combustion-turbine efficiency with reformed-alcohol fuels [DE83-005713] p 699 N83-33169
- Evaluation of synthetic-fuel character effects on rich-lean stationary gas turbine combustion systems Volume 2 Full-scale test program [DE83-902337] p 694 N83-34067
- COMBUSTION PHYSICS**
- Trajectory with diffusion method for predicting the fuel distribution in a transverse stream [AIAA PAPER 83-0336] p 161 N83-16662
- Investigation of slurry fuel performance for use in a ramjet propulsor p 223 N83-21014
- An overview of general aviation propulsion research programs at NASA Lewis Research Center p 340 N83-22456
- Gas turbine demonstration of pyrolysis Derived fuels [DE82-007193] p 553 N83-28273
- Combustion Fundamentals Research [NASA-CP-2268] p 537 N83-29208
- The NASA broad-specification fuels combustion technology program An assessment of phase 1 test results [NASA-TM-83447] p 539 N83-29236
- Parametric study of flame radiation characteristics of a tubular-can combustor [NASA-TM-83436] p 539 N83-29237
- COMBUSTION PRODUCTS**
- The influence of equivalence ratio variation on pollutant formation in a gas turbine type combustor p 42 N83-13095
- Sooting tendency of fuels containing polycyclic aromatics in a research combustor p 225 N83-23138
- Some fuel effects on carbon formation in gas turbine combustors p 350 N83-29392
- The effects of fuel properties upon pollutants present in gas turbine aero-engines p 469 N83-35813
- The effect of hydrocarbon structure upon fuel sooting tendency in a turbulent spray diffusion flame [ASME PAPER 83-GT-90] p 755 N83-47937
- The formation of carbon monoxide during turbulent diffusion combustion - for aircraft gas turbine combustion chambers p 758 N83-49769
- Air traffic control Its effect on fuel conservation p 202 N83-17464
- The toxic nature of gases from the thermal decomposition of combustible materials -- in aircraft passenger cabins [RAE TRANS-2082] p 553 N83-28118
- COMBUSTION STABILITY**
- A theoretical study of the nonstationary combustion of a gasifiable solid fuel during a pressure drop p 758 N83-49763
- Lightweight aircraft engines, the potential and problems for use of automotive fuels p 352 N83-22446
- Unsteady flow effects in combustor systems p 562 N83-29232
- COMBUSTION TEMPERATURE**
- CARS temperature and species measurements in augmented jet engine exhausts --- Coherent Anti-Stokes Raman Spectroscopy [AIAA PAPER 83-1294] p 455 N83-36328
- COMBUSTION VIBRATION**
- Longitudinal modes of gas oscillations in the main combustion chamber of gas-turbine engines p 535 N83-39169
- COMFORT**
- Active gust load alleviation and ride comfort improvement p 751 N83-49193
- COMMAND AND CONTROL**
- The development of JTIDS distributed TDMA /DTDMA/ advanced development model /ADM/ terminals -- Joint Tactical Information Distribution System p 18 N83-11094
- Adaptive power management - A hierarchical/control system with a central multiplex system --- for aircraft applications p 40 N83-11202
- Effects of control saturation on the command response of statically unstable aircraft [AIAA PAPER 83-0065] p 168 N83-16497
- United States Air Force tactical reconnaissance An analysis and commentary p 186 N83-22574
- A global HF telecommand system for long duration balloon flights p 514 N83-39813
- Application of advanced speech technology in manned penetration bombers [AD-A119274] p 219 N83-13344
- Distributed micro-processor applications to guidance and control systems [AD-A119562] p 236 N83-18295
- Microprocessor applications to guidance and control architectures p 236 N83-18297
- Application of Calspan pitch rate control system to the Space Shuttle for approach and landing [NASA-CR-170402] p 397 N83-24513
- USAF (United States Air Force) avionics master plan [AD-A125819] p 531 N83-29205
- The high angle of attack behavior of a combat aircraft. Correlation between prediction and flight --- Mirage 2000 aircraft p 604 N83-30367
- COMMAND GUIDANCE**
- Closed-loop eigenvalue selection for reduced autopilot sensitivity to radome errors [AIAA PAPER 83-0062] p 140 N83-16494
- Guidance and control of a balloon-borne X-ray telescope with onboard and ground based computers p 530 N83-39823
- Distributed micro-processor applications to guidance and control systems [AD-A119562] p 236 N83-18295
- COMMERCIAL AIRCRAFT**
- Economic modeling of fault tolerant flight control systems in commercial applications p 46 N83-11156
- The impact of composite technology on commercial transport aircraft p 30 N83-12969
- Application of software design standards to commercial aircraft equipment p 141 N83-17312
- Demonstration of reparability and repair quality on graphite/epoxy structural subelements p 186 N83-20485
- Operator influences on aircraft design p 204 N83-21032
- Will technology make the helicopter competitive p 204 N83-21574
- Advances in high-speed rolling element bearings --- for aircraft engine and transmission application p 231 N83-22319
- The maintenance of modern engines in civil aviation [DGLR PAPER 82-070] p 275 N83-24184
- Flight management systems and data links p 285 N83-24424
- Applications of head-up displays in commercial transport aircraft p 269 N83-24428
- ECS schemes for All Electric Airliners [SAE PAPER 820870] p 263 N83-25769
- PW4000 uses JT9D, new technology p 281 N83-26072
- Changing the course of U S aviation p 371 N83-30830
- Operator influences on aircraft design p 371 N83-31813
- Impact of stretching wide-bodied aircraft on existing airport facilities [AIAA PAPER 83-1578] p 398 N83-33351
- Identifying aircraft and airport compatibility - A straightforward approach to complexity [AIAA PAPER 83-1582] p 399 N83-33354
- CRAF today - An airline perspective --- Civil Reserve Air Fleet [AIAA PAPER 83-1589] p 379 N83-33358
- Advanced Civil Military Aircraft - Technical feasibility assessment [AIAA PAPER 83-1592] p 379 N83-33359
- Aircraft design trends for cargo compatibility [AIAA PAPER 83-1609] p 380 N83-33370
- Flight operations A study of flight deck management - Book p 428 N83-33767
- Cruise missile propulsion versus commercial airliner propulsion - Different challenges can produce similar engine cycles [AIAA PAPER 83-1176] p 451 N83-36261
- Development of 4-D time-controlled guidance laws using singular perturbation methodology p 512 N83-37149
- New aircraft II p 519 N83-38329
- Avionics analyzed III - The hidden sensors p 512 N83-38471
- Safety in the skies p 584 N83-41467
- Flight management systems - Where are we today and what have we learned? [AIAA PAPER 83-2236] p 622 N83-41713
- Shot peening for advanced aerospace design, Proceedings of the Aerospace Congress and Exposition, Anaheim, CA, October 25-28, 1982 p 696 N83-45872
- The application of shot peen forming technology to commercial aircraft wing skins [SAE PAPER 821456] p 657 N83-45875
- Development of aerodynamical technology for large civil aviation aircraft p 709 N83-47204
- Commercial aircraft with reduced longitudinal stability and active tail planes, and the unsteady aerodynamics of rapidly adjusted control surfaces p 750 N83-47213
- Advanced lightweight, fire retardant floor paneling for aircraft [AIAA PAPER 83-2442] p 726 N83-48330
- Advanced commercial engines for the 1990's [AIAA PAPER 83-2479] p 745 N83-48342

- An airline view of LH2 as a fuel for commercial aircraft p 757 A83-48598
- A very large cargo aircraft design project p 730 A83-49436
- Civil transport aircraft design methodology [AIAA PAPER 83-2463] p 731 A83-49579
- Material selection for the new-technology commercial transport - The designer's dilemma [AIAA PAPER 83-2477] p 758 A83-49583
- A McDonnell Douglas perspective - Commercial aircraft for the next generation [AIAA PAPER 83-2502] p 731 A83-49587
- Transport aircraft requirements - How much? How soon? How to pay? [AIAA PAPER 83-2504] p 720 A83-49588
- Generalized flight optimization equations for commercial aircraft p 732 A83-50135
- Impact of advanced transport technology Part 3 Air service to small communities [PB82-186800] p 221 N83-12820
- Census of U S civil aircraft, calendar year 1981 [AD-A119358] p 178 N83-13067
- Airport activity statistics of certificated route air carriers [AD-A119713] p 185 N83-13084
- Flight test instrumentation for airline digital avionics [NLR-MP-81017-U] p 198 N83-13096
- The US aviation system to the year 2000 [NASA-CR-166010] p 140 N83-15273
- Repair techniques for graphite/epoxy structures for commercial transport applications [NASA-CR-159056] p 225 N83-16397
- Symposium on Commercial Aviation Energy Conservation Strategies Papers and presentations [AD-A107106] p 188 N83-17455
- Evaluation of laminar flow control systems for subsonic commercial transport aircraft Executive summary [NASA-CR-159252] p 216 N83-17551
- Minimum-fuel turning climbout and descent guidance of transport jets [NASA-TM-84289] p 217 N83-17552
- Energy efficient engine component development and integration program [NASA-CR-170089] p 339 N83-22204
- Annual review of aircraft accident data, US air carriers, calendar year 1980 [NTSB-ARC-83-01] p 409 N83-23664
- Models and techniques for evaluating the effectiveness of aircraft computing systems [NASA-CR-170229] p 411 N83-24184
- Ride quality systems for commuter aircraft [NASA-CR-166118] p 397 N83-24512
- Commercial transport aircraft composite structures p 693 N83-33958

**COMMONALITY (EQUIPMENT)**

- Commonality potential of future public service helicopters and Army light utility helicopters [AIAA PAPER 83-2553] p 720 A83-49593

**COMMUNICATION**

- Advanced flight control system study [NASA-CR-163120] p 170 N83-15316

**COMMUNICATION CABLES**

- Fiber-optic technology takes to the air p 140 A83-16867

**COMMUNICATION EQUIPMENT**

- EMC analysis of a prototype civil-use GPS receiver on four aircraft configurations [AD-A119578] p 147 N83-14103
- Jam resistant communications systems techniques [AD-A126217] p 563 N83-29579

**COMMUNICATION NETWORKS**

- Bus protocols for a digital audio distribution system p 19 A83-11126
- A fast microprocessor communication network design for interprocessor communications for an integrated flight control system p 24 A83-11902
- The design of a packet switched network for aeronautical data interchange p 185 A83-14862
- The development of standards for the common ICAO Data Interchange Network /CIDIN/ p 230 A83-22027
- An overview of a new integrated system for communication, navigation, and identification - The Joint Tactical Information Distribution System p 590 A83-41310
- Oceanic Area System Improvement Study (OASIS) Volume 5 North Atlantic, Central East Pacific, and Caribbean regions communication systems description [FAA-EM-81-17-VOL-5] p 201 N83-16318

**COMMUNICATION SATELLITES**

- Alternative techniques to GPS/NAVSTAR p 513 A83-38937
- Communication satellite for future military aircraft p 634 A83-40885

**COMPARISON**

- FAA integrated noise model validation Analysis of air carrier flyovers at Seattle-Tacoma Airport [AD-A124097] p 479 N83-26320

**COMPATIBILITY**

- Identifying aircraft and airport compatibility - A straightforward approach to complexity [AIAA PAPER 83-1582] p 399 A83-33354
- Aerodynamic performance of a fan stage utilizing variable inlet guide vanes (VIGV's) for thrust modulation --- subsonic V/STOL aircraft [AIAA PAPER 83-1162] p 660 A83-45508
- A technical analysis of rehosting the National Aerospace System software [AD-A118828] p 187 N83-12069
- Airport noise Land-use compatibility by the year 2000 [PB82-259151] p 220 N83-16359
- Aerodynamic performance of a fan stage utilizing Variable Inlet Guide Vanes (VIGVs) for thrust modulation --- subsonic V/STOL aircraft [NASA-TM-83438] p 504 N83-27957
- A survey of inlet/engine distortion compatibility [NASA-TM-83421] p 536 N83-27991

**COMPENSATION**

- Ultra sound and insurance p 412 N83-24286

**COMPENSATORS**

- Output feedback pole assignment under system variation --- with CH-46 example p 704 A83-44948
- An optimal control model approach to the design of compensators for simulator delay [NASA-CR-3604] p 32 N83-11113

**COMPENSATORY TRACKING**

- Nonlinear filter for pilot's remnant attenuation p 285 A83-24436
- Digital homing guidance - Stability vs performance trade-offs [AIAA PAPER 83-2167] p 590 A83-41663

**COMPONENT RELIABILITY**

- Life development of components/systems of aircraft p 64 A83-12657
- Reliability model for planetary gear trains [ASME PAPER 82-DET-81] p 65 A83-12777
- Preventing the strength failure of machines by vibrodiagnostic techniques I p 182 A83-19313
- Preventing the strength failure of machines by vibrodiagnostic methods II - The use of vibrodiagnostics for preventing the failure of certain parts and assemblies of gas-turbine engines p 182 A83-19314
- Component life reduction due to use of AVGAS in gas turbine engines p 449 A83-35869
- Life estimation methods of gas turbine rotating components p 449 A83-35870
- LHX system design for improved performance and affordability --- Light Helicopter p 595 A83-41080
- PAVE PILLAR - A new road to avionics reliability p 723 A83-48643

**COMPOSITE MATERIALS**

- The impact of composite technology on commercial transport aircraft p 30 A83-12969
- The Canadian challenger advanced composite material program p 60 A83-12971
- Composite fan exit guide vanes for high bypass ratio gas turbine engines p 198 A83-13159
- Wear and friction of high-temperature self-lubricating composites [ASLE PREPRINT 82-LC-2B-2] p 212 A83-13234
- Design for global damage tolerance and associated mass penalties p 214 A83-15321
- Helicopter technology for the 1990s p 192 A83-16372
- Studies of aerofoils and blade tips for helicopters p 135 A83-17317
- Evolution of the application of composite materials to helicopters p 151 A83-18376
- Composite technology in the UK helicopter industry p 151 A83-18377
- The development of advanced composite front fuselage technology p 202 A83-20464
- Advanced composite materials in aerobatic aircraft p 203 A83-20496
- Design, analyses, and model tests of an aeroelastically tailored lifting surface p 204 A83-22155
- Fabrication of aircraft components using prepreg broadgoods layed-up in the flat and subsequently formed - Cost benefits and resource utilization enhancements p 241 A83-23602
- Composite engine inlet particle separator swirl frame --- CAD for T700 helicopter engine centrifugal filter p 278 A83-24841
- Impact-resistant transparencies for marine service --- windscreens for aircraft [ASME PAPER 82-WA/OCE-4] p 295 A83-25686
- Noise transmission characteristics of advanced composite structural materials [AIAA PAPER 83-0694] p 306 A83-25915

- A building block approach to design verification testing of primary composite structure [AIAA 83-0947] p 356 A83-29775
- Statistical modeling of ballistic damage and residual strength in composite structures [AIAA 83-1002] p 351 A83-29790
- Design, analysis and test of composite curved frames for helicopter fuselage structure [AIAA 83-1005] p 356 A83-29805
- Comparison of frequency determination techniques for cantilevered plates with bending-torsion coupling [AIAA 83-0953] p 358 A83-29885
- Secondary loading of I-spar caps due to shear deformation of the web p 559 A83-39991
- Composite materials in aircraft structures p 551 A83-40130
- Hybrid composite application to the Boeing 767 wing/body fairing p 525 A83-40244
- Advanced composites for advanced aircraft p 552 A83-40342
- Design, fabrication, and qualification of composite carbon/epoxy horizontal stabilizer components p 575 A83-42546
- Battle damage and repair of an advanced composite A-7 outer wing p 575 A83-42547
- Design-to-cost in the application of advanced composite technology [SAWE PAPER 1480] p 654 A83-43749
- Advanced material application on the European wide body transport aircraft Airbus [SAWE PAPER 1484] p 603 A83-43751
- Application of finite element analysis techniques to the derivation of advanced composite structure weight [SAWE PAPER 1490] p 644 A83-43757
- Design impact of composites on fighter aircraft I - They force a fresh look at the design process p 676 A83-46347
- Safe structures for future aircraft p 676 A83-46350
- Depot level reparability, maintainability, and supportability of advanced composites [AIAA PAPER 83-2516] p 728 A83-48360
- Impact of composites on fighter aircraft II - Composites New look to the aircraft production line p 711 A83-48889
- Developments in UK rotor blade technology [AIAA PAPER 83-2525] p 731 A83-49589
- Processing composite materials p 210 N83-12153
- Durability of aircraft composite materials p 211 N83-12164
- Stress analysis of advanced attack helicopter composite main rotor blade root end lug [NASA-TM-84578] p 178 N83-15361
- Advanced composite elevator for Boeing 727 aircraft, volume 2 [NASA-CR-159258] p 205 N83-16330
- Material characterization Part B Mechanical properties of 2 metal matrix composite materials [AD-A119829] p 225 N83-16402
- Composite structural materials [NASA-CR-169859] p 226 N83-17597
- The electrical properties of carbon fibre composites p 227 N83-17618
- Composite material aircraft electromagnetic properties and design guidelines [AD-A124016] p 470 N83-25795
- Transient heat flow along uni-directional fibers in composites [AD-A122926] p 471 N83-26929
- Status, trends and implications of carbon fiber material use [PB83-147751] p 471 N83-26934
- Automated design of damage resistant structures Volume 1 Theory and application [AD-A125731] p 527 N83-27982
- Automated design of damage resistant structures Volume 2 Program user's manual [AD-A125732] p 527 N83-27983
- Electrical resistance testing of antistatic bench and floor surface material after laying [AD-A125423] p 548 N83-28007
- Advanced composite elevator for Boeing 727 aircraft [NASA-CR-172910] p 605 N83-30403
- Advanced manufacturing development of a composite empennage component for L-1011 aircraft Phase 2 Design and analysis [NASA-CR-165634] p 605 N83-30404
- Lectures on Composite Materials for Aircraft Structures [ARL/STRUC-REPT-394] p 635 N83-30523
- Introduction to Lectures on Composite Materials for Aircraft Structures p 635 N83-30524
- Joining advanced fibre composites p 636 N83-30531
- Environmental effects and durability p 636 N83-30532



- Damage tolerance of fibre composite laminates p 636 N83-30533
- NDI of fibre reinforced composite materials p 636 N83-30534
- Airworthiness considerations p 636 N83-30537
- Unsymmetric laminated graphite/epoxy composite plate and beam analysis for determining coefficients of thermal expansion [AD-A128625] p 765 N83-35416
- COMPOSITE STRUCTURES**
- Sweep composite wing aeroelastic divergence experiments p 29 A83-10193
- Fatigue sensitivity of composite structure for fighter aircraft p 152 A83-18402
- Damage tolerance and reparability of advanced composite structures p 222 A83-20484
- Elevated temperature repairs of advanced composite structures p 223 A83-20499
- Advanced composites structures at Hughes Helicopters, Inc p 260 A83-23645
- The effect of acoustic thermal environments on advanced composite fuselage panels [AIAA 83-0955] p 357 A83-29857
- Repairing composite structures p 371 A83-30074
- Adhesive bonding and composites p 551 A83-40131
- Undetectable critical defects in safety-of-flight structure p 641 A83-42544
- Observations of severe in-flight environments on airplane composite structural components p 600 A83-43330
- Design, fabrication and test of a composite elevator p 695 A83-44046
- Composites in commercial aircraft p 692 A83-46281
- Consideration on the fatigue damage of specimens used for composite critical components qualification p 697 A83-46307
- A jointless and bearingless tail rotor of fiber-reinforced-composite construction p 725 A83-47215
- Application of composites and computer graphics in the design of the MH-53E fuel sponson [AIAA PAPER 83-2441] p 726 A83-48329
- Design concepts for low cost composite engine frames [AIAA PAPER 83-2445] p 745 A83-48331
- Durability of commercial aircraft and helicopter composite structures p 61 N83-11243
- Advanced composite elevator for Boeing 727 aircraft [NASA-CR-157823] p 61 N83-11248
- Opportunities for composites in commercial transport structures p 210 N83-12148
- Design considerations for the construction of a Sheriff wing in composite materials p 206 N83-16337
- Program for establishing long-time flight service performance of composite materials in the center wing structure of C-130 aircraft Phase 5 Flight service and inspection [NASA-CR-165770] p 227 N83-17600
- Manufacturing processes for aeronautical structures p 227 N83-17620
- Specific examples of aerospace applications of composites p 227 N83-17621
- The effect of sheet thickness and laminating on the fatigue resistance of the aluminum alloy AL 7010 - T 73651 [NLR TR-81056-U] p 403 N83-23421
- Design and fabrication of realistic adhesively bonded joints [NASA-CR-166099] p 408 N83-24876
- Advanced manufacturing development of a composite empennage component for L-1011 aircraft [NASA-CR 172658] p 440 N83-25692
- Advanced manufacturing development of a composite empennage component for L-1011 aircraft [NASA-CR-172659] p 440 N83-25693
- Advanced manufacturing development of a composite empennage component for L-1011 aircraft [NASA-CR-172657] p 440 N83-25694
- Evaluation of low-cost aluminum composites for aircraft engine structural applications [NASA-TM-83357] p 470 N83-25790
- A parametric study of surface imperfections and small cutouts in a composite panel [AD-A124739] p 470 N83-25793
- Composite hybrid flywheel rotor design optimization and fabrication p 553 N83-28620
- Ground test experience with large composite structures for commercial transports [NASA-TM-84627] p 564 N83-29732
- Advanced structures technology and aircraft safety [NASA-TM-85664] p 564 N83-29733
- Advanced composite aileron for L-1011 transport aircraft. Ground tests and flight evaluation [NASA-CR-165664] p 606 N83-30405
- Structural mechanics of fibre composites p 635 N83-30530
- Aircraft applications p 636 N83-30536
- Sonic fatigue testing of the NASA L-1011 composite aileron p 607 N83-30796
- Wind tunnel experiments on the divergence of swept wings with composite structures [AD-A127950] p 584 N83-31582
- The optical oil flow technique in a shock wave wind tunnel p 690 N83-32741
- Failure Analysis and Mechanisms of Failure of Fibrous Composite Structures [NASA-CP 2278] p 693 N83-33957
- A preliminary damage tolerance methodology for composite structures p 693 N83-33959
- Design and analysis of composite structures with stress concentrations p 693 N83-33960
- Safe-life and damage-tolerant design approaches for helicopter structures p 693 N83-33961
- COMPRESSED AIR**
- Influence of atomizer design features on mean drop size p 612 A83-40865
- Evaluation of lubricants for air compressors [PB82-259003] p 226 N83-16538
- Compressed-air energy storage preliminary design and site development program in an aquifer Volume 5, Part 1 Turbomachinery design [DE83-004005] p 362 N83-22759
- DOE wave-turbine-engine demonstration [DE82-018322] p 582 N83-28458
- Savings can be made by using compressed air when testing aircraft for fuel leaks (GAO/PLRD-83-69) [B-207202] p 576 N83-30355
- COMPRESSIBILITY**
- Finite difference modeling of rotor flows including wake effects [ONERA, TP NO 1982-114] p 243 A83-24326
- Numerical simulation for droplet combustion using Lagrangian hydrodynamics p 537 N83-29210
- Fuel conservation evaluation of US Army helicopters Part 5 AH-1S slight testing [AD-A128532] p 608 N83-31601
- COMPRESSIBILITY EFFECTS**
- Similarity rules for effects of sidewall boundary layer in two-dimensional wind tunnels p 347 N83-20960
- COMPRESSIBLE BOUNDARY LAYER**
- Prediction of stagnation flow heat transfer on turbomachinery airfoils [AIAA PAPER 83-1173] p 420 A83-36259
- Three-dimensional boundary-layer calculations in design aerodynamics p 662 A83-47034
- COMPRESSIBLE FLOW**
- The aerodynamics of hypersonic velocities (On flows with low Mach numbers) p 417 A83-35535
- Three-dimensional compressible viscous analysis of mixer nozzles [AIAA PAPER 83-1401] p 422 A83-36391
- Subsonic compressible-gas separated flow past a low aspect ratio wing p 495 A83-37826
- The aerodynamics of propellers and rotors using an acoustic formulation in the time domain [AIAA PAPER 83-1821] p 498 A83-38653
- Computational technique for three-dimensional compressible flow past wings at high angles of attack [AIAA PAPER 83-2078] p 578 A83-41912
- A simple method for designing optimum annular diffusers [ASME PAPER 83-GT-42] p 737 A83-47902
- Digital simulation of transonic 3-dimensional flows of perfect compressible flows around aircraft by the methods of finite elements and of least squares [PB82 213448] p 33 N83-11122
- Numerical simulation of inviscid compressible flow through two-dimensional cascade by finite area method [NAL-TR 709] p 217 N83-12348
- Preliminary results of LDV surveys in the compressible leading edge vortex of a delta wing [VKI-TN-137] p 376 N83-23278
- Finite difference calculation of an inviscid transonic flow over oscillating airfoils [AD-A123982] p 426 N83-25677
- Implicit upwind methods for the compressible Navier-Stokes equations [NASA-TM-84364] p 478 N83-27149
- Numerical modelling of ramjet combustors [AD-A129631] p 749 N83-36035
- COMPRESSIBLE FLUIDS**
- A numerical simulation of three-dimensional transonic flows of compressible perfect fluids around aircraft by use of the finite element and least squares methods [AAAF PAPER NT 81 23] p 64 A83-11779
- Transonic Euler simulations by means of finite element explicit schemes [AIAA PAPER 83-1924] p 503 A83-39378
- COMPRESSION LOADS**
- A crack growth fatigue life under spectrum loading p 643 A83-43692
- Observation of damage growth in compressively loaded laminates p 692 A83-46810
- Ignition and combustion Low compression ratio, high output diesel [NASA-CR-169742] p 166 N83-15309
- Applications of a compression system stability model p 542 N83-29260
- Vortex motion in axisymmetric piston-cylinder configurations [NASA-TM-85404] p 765 N83-35318
- COMPRESSION TESTS**
- Modelling compression component stability characteristics Effects of inlet distortion and fan bypass duct disturbances p 542 N83-29261
- Testing of the Mannesmann Demag oxygen compressor [DE83-006801] p 646 N83-31028
- COMPRESSIVE STRENGTH**
- Effects of extreme aircraft storage and flight environments on graphite/epoxy p 403 A83-33122
- COMPRESSOR BLADES**
- Study of fan noise sources through thin film pressure transducers p 41 A83-12350
- Experimental evaluation of shockless supercritical airfoils in cascade [AIAA PAPER 83-0003] p 129 A83-16455
- Numerical prediction of choking flutter of axial compressor blades [AIAA PAPER 83-0006] p 160 A83-16458
- A method of predicting the performance deterioration of a compressor cascade due to sand erosion [AIAA PAPER 83-0178] p 160 A83-16572
- Analytical and experimental investigation of bird impact on fan and compressor blading [AIAA 83-0954] p 338 A83-29856
- Minimum contact magnetic sensing of turbine blade speed p 391 A83-30175
- The fatigue strength of compressor disks p 406 A83-32387
- High angle-of-attack cascade measurements and analysis p 419 A83-35875
- Stress analysis of critical areas of low-pressure compressor-disc assembly of a developmental aero-engine p 449 A83-35880
- Transient blade response due to surge induced structural loads [SAE PAPER 821438] p 533 A83-37986
- The rule of forbidden signals and apparent Mach numbers in supersonic compressor cascades p 580 A83-42560
- A study of the damping capacity of rods in a centrifugal force field p 695 A83-45322
- Effect of particle presence on the incompressible inviscid flow through a two dimensional compressor cascade [ASME PAPER 83-GT 95] p 714 A83-47941
- Analysis of an axial compressor blade vibration based on wave reflection theory [ASME PAPER 83-GT-151] p 741 A83-47970
- A three-dimensional model for the prediction of shock losses in compressor blade rows [ASME PAPER 83-GT-216] p 744 A83-48016
- The effect of the stator with unequal pitch cascades on the compressor blade vibration p 42 N83-10013
- Analysis, design, fabrication and testing of an optical tip clearance sensor -- turbocompressor blade tips [NASA-CR-165265] p 44 N83-11127
- Hot wire thermal tuft development for measurement of flow reversal near a compressor blade p 216 N83-12274
- Blade erosion effects on aircraft engine compressor performance [DE82-021791] p 213 N83-16346
- Materials screening tests of the FOD impact design technology program, task 4C - fan and compressor blades for aircraft engines [AD-A119839] p 225 N83-16401
- Turbine engine fuel conservation by fan and compressor profile control p 213 N83-17467
- Erosion of protective compressor coatings [NLR-MP-87067-U] p 228 N83 17716
- Evaluation of the performance and flow in an axial compressor [AD-A125619] p 561 N83-28387
- A theory of rotating stall of multistage axial compressors [NASA-CR 3685] p 506 N83-29175
- Energy efficient engine low pressure compressor component test hardware detailed design report [NASA-CR 165354] p 616 N83-30427

- Subsonic-transonic stall flutter study  
[NASA-CR-165256] p 629 N83-30435  
Control means for a gas turbine engine  
[NASA-CASE-LEW-14586-1] p 617 N83-31603  
Profile design for cascades --- compressor blade  
profile p 686 N83-34832

**COMPRESSOR EFFICIENCY**

- The entropy efficiency of blade machines  
p 162 A83-16953  
On the question of calculating the pressurization start-up  
regimes of a gas-turbine plant p 406 A83-32651  
Experimental study of a high-through-flow transonic axial  
compressor stage p 419 A83-35853  
Effect of humidity on jet engine axial-flow compressor  
performance p 448 A83-35856  
Design and performance of a low aspect ratio, high tip  
speed multi-stage compressor  
[AIAA PAPER 83-1161] p 451 A83-36253  
Gas turbine engine cascade wind tunnel with automatic  
data acquisition and control p 630 A83-42563  
On the influence of the diffuser inlet shape on the  
performance of a centrifugal compressor stage  
[ASME PAPER 83-GT-9] p 737 A83-47881  
Effect of relative velocity distribution on efficiency and  
exit flow of centrifugal impellers  
[ASME PAPER 83-GT-74] p 760 A83-47927  
Gas turbine compressor interstage cooling using  
methanol  
[ASME PAPER 83-GT-230] p 763 A83-48026  
Testing of the Mannesmann Demag oxygen  
compressor  
[DE82-006801] p 646 N83-31028

**COMPRESSOR ROTORS**

- An analysis of the natural vibrations of the rotors of  
centrifugal compressor machines p 405 A83-30310  
Characteristics of the occurrence and elimination of a  
stall in an axial-flow compressor in the presence of a  
rotating irregularity at the inlet p 613 A83-42132  
The role of forbidden signals and apparent Mach  
numbers in supersonic compressor cascades  
p 580 A83-42560  
Substructuring and wave propagation - An efficient  
technique for impeller dynamic analysis  
[ASME PAPER 83-GT-150] p 741 A83-47969  
Powder metallurgy Rene 95 rotating turbine engine parts,  
volume 2  
[NASA-CR-165141] p 178 N83-15412  
Energy efficient engine low-pressure compressor  
component test hardware detailed design report  
[NASA-CR-165354] p 616 N83-30427  
Integrally cast low-cost compressor  
[AD-A127663] p 639 N83-31824

**COMPRESSORS**

- Evaluating Scroll refrigerant compressors for reducing  
size and weight of military aircraft ECS  
[SAE PAPER 820877] p 263 A83-25771  
Three dimensional holographic flow visualization  
p 299 A83-26420  
Study of a hypetrochoidal compressor with paddles ---  
French thesis p 354 A83-28634  
The performance of single-shaft gas turbine load  
compressor auxiliary power units  
[AIAA PAPER 83-1159] p 451 A83-36251  
Large scale aeroengine compressor test facility  
p 630 A83-41534  
The response of a compressor to a periodic pressure  
variation in the output region  
[ONERA, TP NO 1983-29] p 683 A83-44308  
Success of dye forging titanium discs on a gunpowder  
hammer p 60 N83-11053  
Performance of a tandem-rotor/tandem-stator  
conical-flow compressor designed for a pressure ratio of  
3  
[NASA-TP-2034] p 10 N83-11058  
Advanced technologies for turbomachinery systems An  
overview  
[NASA-TM-82949] p 201 N83-12090  
Effect of steady-state pressure distortion on inlet flow  
to a high-bypass-ratio turbofan engine  
[NASA-TM-82964] p 166 N83-15306  
Application of dynamic gas bearings to cryogenic  
compressors and turbines p 185 N83-15540  
Rotor dynamic instability field problems  
p 186 N83-15630  
Vibration and destabilizing effects of floating ring seals  
in compressors p 187 N83-15642  
Compressor cascade performance deterioration caused  
by sand ingestion  
[NASA-CR-168067] p 190 N83-16286  
Evaluation of lubricants for air compressors  
[PB82-259003] p 226 N83-16538  
Development of a procedure for calculating the effects  
of airfoil erosion on aircraft engine compressor  
performance p 213 N83-17457

- Summary report for CF6 jet engine diagnostics  
program  
[NASA-CR-165582] p 214 N83-17539  
Literature search of publications concerning the  
prediction of dynamic inlet flow distortion and related  
topics  
[NASA-CR-3673] p 282 N83-18729  
Journal of Engineering Thermophysics (selected  
articles)  
[AD-A122037] p 301 N83-18953  
Advanced compressor components for aero engines  
Phase 2 (1980-1981)  
[BMFT-FB-W-82-022] p 394 N83-23311  
Roughness effects on compressor outlet guide vanes  
at high Reynolds Number and high turning angle  
[AD-A124688] p 395 N83-24511  
Investigation of the coupling of unsteady lift to low order  
acoustic duct modes in an axial flow fan  
[AD-A124819] p 483 N83-27796  
Flight test experience on military aircraft engine  
handling p 541 N83-29248  
Throttle handling related to J85 engine performance and  
durability Canadian forces experience  
p 541 N83-29249  
Integrally cast low-cost compressor  
[AD-A127663] p 639 N83-31824  
Advanced Gas Turbine (AGT) powertrain system  
development for automotive applications  
[NASA-CR-167901] p 708 N83-33800  
The trend of future gas turbine technology  
[NASA-TM-83505] p 712 N83-34886  
Current problems in turbomachinery fluid dynamics  
[AD-A126478] p 747 N83-34949

**COMPUTATION**

- Improving calculations of wall effects in industrial wind  
tunnels at ONERA p 348 N83-20968  
Computer program analysis of helicopter weight estimate  
relationships utilizing parametric equations  
[AD-A128590] p 608 N83-31600  
Calculation of inviscid air capture and additive drag for  
3-D supersonic inlet flows p 685 N83-33889  
Free wake aerodynamic analysis of helicopter rotors  
[AD-A129710] p 718 N83-36007  
Optimal periodic control  
[AD-A130114] p 752 N83-36037

**COMPUTATIONAL FLUID DYNAMICS**

- Comparison of computational and experimental jet  
effects p 7 A83-10185  
A numerical simulation of three-dimensional transonic  
flows of compressible perfect fluids around aircraft by use  
of the finite element and least squares methods  
[AAAF PAPER NT 81-23] p 64 A83-11779  
Pressure distribution on a simple delta wing  
p 8 A83-13023  
Large-scale vortex-lattice model for the locally separated  
flow over wings p 177 A83-13127  
Calculation method for transonic separated flows over  
airfoils including spoiler effects  
[ONERA, TP NO 1982-66] p 177 A83-14526  
Experiments on the role of amplitude and phase  
modulations during transition to turbulence  
p 213 A83-14576  
Computation of vortex flow around wings using the Euler  
equations p 177 A83-14605  
Explicit and implicit corrected viscosity schemes for the  
computation of steady transonic flows  
p 177 A83-14606  
The use of an error index to improve numerical solutions  
for unsteady lifting airfoils p 178 A83-15281  
A fast algorithm for the calculation of transonic flow  
over wing/body combinations p 178 A83-15283  
Nonlinear aerodynamic modeling of flap oscillations in  
transonic flow - A numerical validation  
[AIAA PAPER 81-0073] p 178 A83-15290  
Some recent applications of high-lift computational  
methods at Boeing p 178 A83-15313  
Relaxation computation of transonic flows around wings  
with blunt leading-edge and discussion on its stability and  
convergence p 178 A83-15543  
PAN AIR applications to complex configurations ---  
computer program for predicting subsonic and supersonic  
linear potential flows p 129 A83-16459  
A perspective of the theoretical and applied computational  
fluid dynamics  
[AIAA PAPER 83-0037] p 179 A83-16477  
Computational wing design for an advanced trainer  
[AIAA PAPER 83-0093] p 149 A83-16517  
SAMID, an interactive system for the analysis and  
constrained minimization of induced drag of aircraft  
configurations p 149 A83-16519  
A multigrid method for the Euler equations  
[AIAA PAPER 83-0124] p 131 A83-16537

- The role of CFD in aeropropulsion ground testing ---  
Computational Fluid Dynamics  
[AIAA PAPER 83-0149] p 172 A83-16557  
A method of predicting the performance deterioration  
of a compressor cascade due to sand erosion  
[AIAA PAPER 83-0178] p 160 A83-16572  
A multi-grid method for the computation of viscid/inviscid  
interactions on airfoils  
[AIAA PAPER 83-0234] p 132 A83-16602  
Three-dimensional Euler equation simulation of  
propeller-wing interaction in transonic flow  
[AIAA PAPER 83-0236] p 132 A83-16603  
A multi-grid method for transonic wing analysis and  
design  
[AIAA PAPER 83-0262] p 133 A83-16618  
Jet wing vortex lattice theory with nonlinear wake and  
tip flows  
[AIAA PAPER 83-0263] p 133 A83-16619  
Subsonic surface panel method for airframe analysis  
and wing design  
[AIAA PAPER 83-0341] p 133 A83-16667  
Prediction of line sail during lines-first deployment ---  
parachute suspension simulation  
[AIAA PAPER 83-0370] p 133 A83-16676  
Flow simulations for general nacelle configurations using  
Euler equations  
[AIAA PAPER 83-0539] p 134 A83-16775  
Transonic wing-body calculations using Euler  
equations  
[AIAA PAPER 83-0501] p 135 A83-16828  
Calculation of fundamental aerodynamic derivatives of  
aircraft p 135 A83-16882  
A three-dimensional hypersonic gas flow over a slender  
wing p 135 A83-17412  
Flow over flat and axisymmetric bodies moving at high  
variable velocities p 135 A83-17413  
Rotor blade flap-lag stability in turbulent flows  
p 151 A83-18380  
Finite-volume solutions to the Euler equations in  
transonic flow  
[AIAA PAPER 81-1265] p 136 A83-18405  
Panel jets II - A problem of hypersustentation --- upper  
surface blowing p 136 A83-19412  
Boundary layer calculations in the inverse mode for  
incompressible flows over infinite swept wings  
[AIAA PAPER 83-0454] p 137 A83-19590  
Optimization of the supersonic drag of a smooth wing  
by use of linearized potential theory --- French thesis  
p 188 A83-20400  
Numerical calculations for performances of propellers  
in a static-state by vortex theory accounting of slipstream  
deformation and their comparisons with experiments  
p 189 A83-22072  
Fuselage-lifting surfaces interaction in unsteady  
subsonic flow --- French thesis p 189 A83-22093  
Unsteady transonic flow over wings including  
inviscid/viscous interaction p 190 A83-22132  
Analysis of aero-optic interface phenomena  
p 190 A83-22588  
A transonic quasi-3D analysis for gas turbine engines  
including split-flow capability for turbofans  
p 190 A83-22647  
Numerical calculation of the separation and connection  
of two-dimensional supersonic flows in channels with  
discontinuous boundaries p 212 A83-22658  
Helicopter-rotor aeroelastic equilibrium under nonlinear  
aerodynamic forces p 261 A83-23679  
Modifying a general aviation airfoil for supercritical  
flight p 243 A83-24039  
Calculation of the average slipstream of a propeller and  
its effect on the performance of an aircraft  
[ONERA, TP NO 1982-120] p 244 A83-24331  
Computed and measured turbulence in axisymmetric  
reciprocating engines p 276 A83-24669  
Computational treatment of three-dimensional transonic  
canard-wing interactions p 312 A83-29021  
Effects of viscosity on transonic-aerodynamic and  
aeroelastic characteristics of oscillating airfoils  
[AIAA 83-0888] p 312 A83-29835  
Flutter analysis of a transport wing using XTRAN3S  
[AIAA 83-0922] p 357 A83-29848  
Airfoil shape and thickness effects on transonic airloads  
and flutter  
[AIAA 83-0959] p 329 A83-29860  
A discretized asymptotic method for unsteady helicopter  
rotor airloads  
[AIAA 83-0989] p 313 A83-29867  
Computational fluid dynamics of airfoils and wings  
p 313 A83-29927  
Calculation of fundamental aerodynamic derivatives of  
aircraft II p 373 A83-30516  
Prediction of turbulent flows - A Boeing view  
p 373 A83-30643  
Low-Reynolds-number airfoils p 374 A83-31082  
Aerodynamic theory for wing with side edge passing  
subsonically through a gust p 375 A83-32977

A more accurate transonic computational method for wing-body configurations p 375 A83-32982

Semi implicit calculation method of the flow field in a duct with the flame stabilized by a step --- for aircraft engine combustion chamber design

[ONERA, TP NO 1983-52] p 446 A83-35820

Applications of computational techniques in the design of ramjet engines p 418 A83-35828

Numerical computation of turbulent flow around the spinner of a turbofan engine p 418 A83-35838

A contribution to the calculation of secondary flows in an axial flow compressor p 419 A83-35852

Evaluation of a surface panel method coupled with several boundary layer analyses

[AIAA PAPER 83-0011] p 474 A83-36039

Numerical calculations of time dependent three-dimensional viscous flows in a blade passage with tip clearance

[AIAA PAPER 83-1171] p 420 A83-36258

Aerodynamic design of propfan powered transports

[AIAA PAPER 83-1213] p 437 A83-36285

Method for calculating effects of a propfan on aircraft aerodynamics at subsonic speeds

[AIAA PAPER 83-1216] p 420 A83-36287

Importance of inlet boundary conditions for numerical simulation of combustor flows

[AIAA PAPER 83-1263] p 454 A83-36314

Progress toward the analysis of complex propulsion installation flow phenomenon

[AIAA PAPER 83-1367] p 421 A83-36363

PAN AIR applications to aero-propulsion integration

[AIAA PAPER 83-1368] p 421 A83-36364

PANAIR Pilot Code application to subsonic nacelle type interior flows

[AIAA PAPER 83-1369] p 421 A83-36365

Three-dimensional compressible viscous analysis of mixer nozzles

[AIAA PAPER 83-1401] p 422 A83-36391

Improved numerical method for unsteady lifting surfaces in incompressible flow p 422 A83-36917

Correction to the wing source velocity error in Woodward's USSAERO code p 423 A83-36920

Flow over a biconic configuration with an afterbody compression flap - A comparative numerical study

[AIAA PAPER 83-1668] p 491 A83-37179

Navier-Stokes calculations for the vortex wake of a rotor in hover

[AIAA PAPER 83-1676] p 492 A83-37184

Finite-difference simulation of transonic separated flow using a full potential boundary layer interaction approach

[AIAA PAPER 83-1689] p 555 A83-37189

Experimental and computational investigation of the flow in the leading edge region of a swept wing

[AIAA PAPER 83-1762] p 492 A83-37233

The impact of CFD on development test facilities - A National Research Council projection --- computational fluid dynamics

[AIAA PAPER 83-1764] p 555 A83-37234

Supersonic flow field analysis for a twin-engine aircraft model

p 493 A83-37521

Application of numerical methods to the calculation of the characteristics of supersonic and hypersonic jet-engine air intakes

p 494 A83-37532

Aerodynamic simulation - A key technology not only for aviation

p 495 A83-37860

Convair 990 transonic flow-field simulation about the forward fuselage

[AIAA PAPER 83-1785] p 496 A83-38626

Advanced airfoil design for general aviation propellers

[AIAA PAPER 83-1791] p 496 A83-38631

Design and true Reynolds number 2-D testing of an advanced technology airfoil

[AIAA PAPER 83-1792] p 496 A83-38632

An extension of a transonic wing/body code to include underwing pylon/nacelle effects

[AIAA PAPER 83-1805] p 497 A83-38639

Some recent applications of XTRAN3S --- time marching finite difference code for solution of three-dimensional transonic small perturbation flow

[AIAA PAPER 83-1811] p 497 A83-38644

The aerodynamics of propellers and rotors using an acoustic formulation in the time domain

[AIAA PAPER 83-1821] p 498 A83-38653

Analysis of complex inlet configurations using a higher-order panel method

[AIAA PAPER 83-1828] p 498 A83-38659

A method for predicting low-speed aerodynamic characteristics of transport aircraft

[AIAA PAPER 83-1845] p 499 A83-38673

An assessment of PANDORA using a Canard/Wing/Body configuration --- Preliminary Automated Numerical Design of Realistic Aircraft

[AIAA PAPER 83-1850] p 500 A83-38678

Computational analysis for an advanced transport configuration with engine nacelle

[AIAA PAPER 83-1851] p 521 A83-38679

Computation of transonic flow field over Wing-Body-Pylon-Stor combinations

[AIAA PAPER 83-1852] p 500 A83-38680

Computational aerodynamic design methodology

[AIAA PAPER 83-1865] p 501 A83-38692

Supercritical inlet design

[AIAA PAPER 83-1866] p 501 A83-38693

Numerical gnd generation, Proceedings of the Symposium on Numerical Generation of Curvilinear Coordinate Systems and Their Use in the Numerical Solution of Partial Differential Equations, Nashville, TN, April 13-16, 1982

p 568 A83-38776

An experience in mesh generation for three-dimensional calculation of potential flow around a rotating propeller

p 501 A83-38798

Gnd generation by elliptic partial differential equations for a tri-element Augmentor-Wing airfoil

p 502 A83-38803

Numerical generation of composite three dimensional gnds by quasilinear elliptic systems

p 569 A83-38804

Marching gnd generation using parabolic partial differential equations

p 569 A83-38810

Application of the panel method to airships

[AIAA PAPER 83-1978] p 502 A83-38909

The LANN program - An experimental and theoretical study of steady and unsteady transonic airloads on a supercritical wing

[AIAA PAPER 83-1686] p 502 A83-39099

A conservative type-dependent full potential method for the treatment of supersonic flows with embedded subsonic regions

[AIAA PAPER 83-1887] p 502 A83-39356

Transonic Euler simulations by means of finite element explicit schemes

[AIAA PAPER 83-1924] p 503 A83-39378

Solution of the Euler equations for complex configurations

[AIAA PAPER 83-1929] p 503 A83-39381

Comparison of supercritical airfoil flow calculations with wind-tunnel results

[AIAA PAPER 83-1688] p 503 A83-40472

The impact of computational aerodynamics on aircraft design

[AIAA PAPER 83-2060] p 596 A83-41901

Computational aerodynamics applications to transport aircraft design

[AIAA PAPER 83-2061] p 578 A83-41902

Computational aerodynamic design of fighter aircraft

[AIAA PAPER 83-2063] p 596 A83-41903

Computational technique for three-dimensional compressible flow past wings at high angles of attack

[AIAA PAPER 83-2078] p 578 A83-41912

Computational method of the drag of axisymmetric afterbodies in subsonic flow

[AIAA PAPER 83-2079] p 578 A83-41913

Theoretical gust response prediction of a Joukowski airfoil

p 580 A83-42536

Flutter investigation of a repaired T-38 horizontal stabilizer using NASTRAN

p 641 A83-42541

The calculation of two-dimensional transonic flow over airfoils including boundary layer and wake effects

[SAE PAPER 830708] p 580 A83-43318

A grid overlapping scheme for flowfield computations about multicomponent configurations

p 581 A83-43443

New computers will aid advanced designs

p 704 A83-44102

Calculation of three-dimensional turbulent boundary layer on an infinite swept wing

p 659 A83-44555

On the numerical solution of head-on vehicle shock-planar incident shock interaction flow

p 659 A83-44556

Design of transonic shock-free airfoil

p 660 A83-44572

Finite volume calculation of three-dimensional potential flow around a propeller

p 660 A83-45577

An implicit lambda scheme --- for transonic inviscid flow simulation

p 660 A83-45581

Performing literal calculation with a micro-computer --- symbolic calculations applied to aerelasticity problem

p 705 A83-45980

Considerations of the vorticity fields on wings

p 661 A83-46465

Numerical aerodynamics - Replacement of analytical solutions and/or the experiment by the supercomputer?

p 661 A83-46485

Calculation of three-dimensional transonic flow over thin body (wing)

p 662 A83-46499

Three-dimensional boundary-layer calculations in design aerodynamics

p 662 A83-47034

A Navier-Stokes analysis of three-dimensional turbulent flows inside turbine blade rows at design and off-design conditions

[ASME PAPER 83-GT-40] p 713 A83-47900

Inlet-fan flow field computation

[ASME PAPER 83-GT-41] p 713 A83-47901

Effect of particle presence on the incompressible inviscid flow through a two dimensional compressor cascade

[ASME PAPER 83-GT-95] p 714 A83-47941

Three dimensional inviscid computation of an impeller flow

[ASME PAPER 83-GT-210] p 714 A83-48011

Chemical equilibrium laminar or turbulent three-dimensional viscous shock-layer flows

p 715 A83-48133

Calculation of potential flow about arbitrary three dimensional wings using internal singularity distributions

p 715 A83-48143

PAN AIR applications to complex configurations --- computer program for predicting subsonic and supersonic linear potential flows

p 716 A83-48221

A method for calculating the regime of strong viscous interaction on a delta wing

p 716 A83-48664

Non-uniform flows in axial compressors due to tip clearance variation

p 745 A83-48824

Analysis of airfoil leading edge separation bubbles

[NASA-CR-165935] p 9 N83-10018

Calculation of three dimensional unsteady transonic flow around rotor blades

[M8B-UD-353] p 10 N83-10021

An interferometric investigation of the near design point flow over supercritical airfoil BGK-1

[ARL/AERO-NOTE-405] p 10 N83-11057

The strengths and weaknesses of Computational Fluid Mechanics (CFM) in aerodynamic design and analysis

Part 1 Background and philosophy

p 219 N83-13413

Applied computational transonic aerodynamics

[AD-A121012] p 137 N83-14064

The role of analysis in the aerodynamic design of advanced rotors

p 192 N83-17471

Representation of airfoil behaviour

p 192 N83-17472

Studies of aerofoils and blade tips for helicopters

p 193 N83-17473

Calculation of 3D unsteady transonic flow around rotor blades

p 193 N83-17474

Prediction and experimental verification of the velocity fields of a rotor during hovering

p 193 N83-17477

Studies on blade-to-blade and rotor fuselage-tail interferences

p 193 N83-17479

Methods used at Aerospacelab for calculating the loads on a rotor and experimental cross checks

p 194 N83-17486

User's manual for master Modeling of aerodynamic surfaces by 3-dimensional explicit representation --- input to three dimensional computational fluid dynamics

[NASA-CR-166056] p 236 N83-18304

Computational treatment of transonic canard wing interactions

[AD-A121662] p 246 N83-19718

Calculation of transonic potential flow around a wing-body-tail combination

[AD-A124247] p 378 N83-24482

An assessment of factors affecting prediction of near-field development of a subsonic VSTOL jet in cross flow

[AD-A124583] p 441 N83-25699

Generalization of the air-jet propulsion systems, the 'N' flow turbo jet engine

[AD-A123932] p 459 N83-25715

A collection of papers in the aerospace sciences

[AD-A122667] p 417 N83-26787

A study of atmospheric flow in the wake of a large structure

p 567 N83-28788

Ground/Flight Test Techniques and Correlation

[AD-A129433] p 576 N83-30357

Improved method for transonic airfoil design-by-optimization

[NASA-CR-166497] p 583 N83-31578

Influence of computational fluid dynamics on experimental aerospace facilities

A fifteen year projection

[NASA-CR-172859] p 691 N83-33911

A numerical study of flow past a rotating flat plate by the discrete vortex method

p 766 N83-36401

**COMPUTATIONAL GRIDS**

Numerical gnd generation, Proceedings of the Symposium on Numerical Generation of Curvilinear Coordinate Systems and Their Use in the Numerical Solution of Partial Differential Equations, Nashville, TN, April 13-16, 1982

p 568 A83-38776

Patched coordinate systems --- numerical body-fitted gnd generation for surface boundary treatment of aerodynamic structures

p 568 A83-38785

Gnd generation by elliptic partial differential equations for a tri-element Augmentor-Wing airfoil

p 502 A83-38803

Numerical generation of composite three dimensional gnds by quasilinear elliptic systems

p 569 A83-38804

- Marching grid generation using parabolic partial differential equations p 569 A83-38810  
A grid overlapping scheme for flowfield computations about multicomponent configurations p 581 A83-43443
- Efficient computational grid generation for three-dimensional aircraft configurations [AIAA PAPER 83-2557] p 729 A83-48376
- ### COMPUTER AIDED DESIGN
- Analytical design of thin-wall wings at the drafting stage p 62 A83-10453  
Design and application of a multivariable, digital controller to the A-7D Digifac II aircraft model p 45 A83-11148
- AEDCS - A computer-aided system design tool for integrated avionics p 71 A83-11176  
The multilevel substructure and the local analysis of structure p 213 A83-14485  
A fast algorithm for the calculation of transonic flow over wing/body combinations p 178 A83-15283  
Computerized design of CAD --- Charge Activated Devices p 215 A83-15415
- Pan Air versus S/HABP - An evaluation of two diverse approaches to supersonic missile aerodynamic analysis --- Advanced Panel Pilot Code and Supersonic/Hypersonic Arbitrary Body Program p 129 A83-16460  
[AIAA PAPER 83-0008]  
GASAP - A general aviation airplane analysis and synthesis program p 148 A83-16488  
[AIAA PAPER 83-0054]  
Development of a flight test maneuver autopilot for a highly maneuverable aircraft p 168 A83-16493  
[AIAA PAPER 83-0061]  
Computational wing design for an advanced trainer p 149 A83-16517  
[AIAA PAPER 83-0093]  
Missile Datcom status report - Body and fin alone methodology p 132 A83-16574  
[AIAA PAPER 83-0181]  
A supersonic maneuver wing designed for nonlinear attached flow p 134 A83-16707  
[AIAA PAPER 83-0425]  
Application of optimization to aircraft engine disk synthesis p 162 A83-18213  
A comparison between the Craig-Cox and the Kacker-Okapuu methods of turbine performance prediction p 163 A83-19025  
Curvature transitions of composite curves and surfaces - Questions regarding details of computer-aided design --- German thesis p 235 A83-20398  
A mathematical model for a turboshaft gas-turbine engine with an optimum control program for high-level computer-aided design p 273 A83-23436  
A system of criteria for evaluating the energy efficiency of an engine at the state of technical proposals p 273 A83-23437  
Selection of the optimal output parameters for the starting device of a double-shaft turbofan engine p 273 A83-23442  
Illustration of the applicability of computer aided design packages p 298 A83-24719  
Composite engine inlet particle separator swirl frame --- CAD for T700 helicopter engine centrifugal filter p 278 A83-24841  
The development of a central electrical generating system for transport vehicles p 300 A83-26885  
Structural tailoring of engine blades (STAEBL) [AIAA 83-0828] p 338 A83-29737  
Structural optimization by multilevel decomposition [AIAA 83-0832] p 355 A83-29741  
High-technology factory of the future p 405 A83-31052  
Development of two airfoil sections for helicopter rotor blades p 374 A83-31623  
Surfaces in computer aided geometric design, Proceedings of the Conference, Oberwolfach, West Germany, April 25-30, 1982 p 480 A83-33613  
A network formulation for phased arrays - Application to log-periodic arrays of monopoles on curved surfaces p 431 A83-35090  
Monte Carlo simulation of the engine development process [AIAA PAPER 83-1405] p 456 A83-36394  
The impact of CFD on development test facilities - A National Research Council projection --- computational fluid dynamics p 555 A83-37234  
[AIAA PAPER 83-1764]  
Simulate airborne radar environments p 512 A83-37821  
Utilization of computer aided design for the development of advanced turbomachinery components [SAE PAPER 821423] p 533 A83-37980  
A unified approach to turbine blade life prediction [SAE PAPER 821439] p 533 A83-37987  
PAN AIR modeling studies --- higher order panel method for aircraft design p 498 A83-38660  
[AIAA PAPER 83-1830]
- An assessment of PANDORA using a Canard/Wing/Body configuration --- Preliminary Automated Numerical Design of Realistic Aircraft [AIAA PAPER 83-1850] p 500 A83-38678  
The combination of a geometry generator with transonic design and analysis algorithms [AIAA PAPER 83-1862] p 500 A83-38689  
Improved method for transonic airfoil design-by-optimization [AIAA PAPER 83-1864] p 501 A83-38691  
Computer-aided engineering - The AI connection p 569 A83-40307
- Tradeoff studies in multiobjective insensitive design of airplane control systems p 622 A83-41739  
[AIAA PAPER 83-2273]  
Development of a mathematical model of a flight vehicle and the experimental verification of its reliability p 599 A83-42888  
Complex combined curve design and fitting - A B-spline multiple knot method p 651 A83-43699  
Algorithmic mass-factoring of finite element model analyses [SAWE PAPER 1451] p 643 A83-43733  
Weight control program for a graphite/epoxy aircraft [SAWE PAPER 1485] p 635 A83-43752  
LEONARDO - A computer-aided engineering system [SAWE PAPER 1488] p 651 A83-43755  
Design Optimization Codes for Structures - DOCS computer program p 694 A83-43974  
New computers will aid advanced designs p 704 A83-44102  
A new method of boundary layer correction in the design of supersonic wind tunnel nozzle p 659 A83-44561  
Application of advanced CAD/CAM procedures in areas other than air transport technology p 759 A83-47189  
The increase in the cost effectiveness of the construction of and preparation of manufacturing processes for flight equipment through integrated and graphic data processing-CAD/CAM p 759 A83-47191  
A CAD method for centrifugal compressor impellers [ASME PAPER 83-GT-65] p 714 A83-47920  
Advancing electronic technology impact on integrated propulsion/airframe controls design and development [ASME PAPER 83-GT-161] p 725 A83-47985  
Application of composites and computer graphics in the design of the MH-53E fuel sponson [AIAA PAPER 83-2441] p 726 A83-48329  
Aircraft synthesis using numerical optimization methodology [AIAA PAPER 83-2458] p 768 A83-48336  
Conceptual kinematic design using homogeneous coordinate transformations [AIAA PAPER 83-2460] p 768 A83-48337  
Aeroelastic considerations for automatic structural design procedures p 730 A83-49189  
Conceptual design of transport aircraft p 731 A83-49475  
The development of a generalized advanced propeller analysis system [AIAA PAPER 83-2466] p 746 A83-49581  
Life Utilization Criteria Identification in Design (LUCID) [AD-A117807] p 43 N83-10046  
Digital flight control system design using singular perturbation methods [AD-A118117] p 53 N83-11143  
Design and Analysis of a multivariable, digital controller for the A-7D Digifac 2 aircraft and the development of an interactive computer design program [AD-A118134] p 53 N83-11144  
Studies of aerofoils and blade tips for helicopters p 193 N83-17473  
User's manual for master Modeling of aerodynamic surfaces by 3-dimensional explicit representation --- input to three dimensional computational fluid dynamics [NASA-CR-166056] p 236 N83-18304  
Theoretical investigations of high lift aerodynamics [NASA-CR-169926] p 244 N83-18663  
Cooling of gas turbine blades p 282 N83-18735  
Systematic computer aided control design p 342 N83-22097  
Towards a ventable supervisor program for avionics software p 334 N83-22116  
Use of interactive graphics to analyze QUICK-geometry [NASA-TM-83234] p 364 N83-23048  
Use of interactive graphics to analyze QUICK-geometry Supplement [NASA-TM-83234-SUPPL] p 365 N83-23049  
Improved design of subcritical and supercritical cascades using complex characteristics and boundary layer correction [NASA-CR-168166] p 377 N83-24474  
A collection of papers in the aerospace sciences [AD-A122667] p 417 N83-26787  
Statistical experimental designs in computer aided optimal aircraft design p 442 N83-26812
- Hand-held computer programs for preliminary helicopter design [AD-A125036] p 481 N83-27624  
Composite hybrid flywheel rotor design optimization and fabrication p 553 N83-28620  
CAD of control systems Application of nonlinear programming to a linear quadratic formulation [NASA-CR-172151] p 562 N83-29448  
Software description for the O'Hare runway configuration management system Volume 1 Technical description [AD-A127398] p 631 N83-30442  
Combat performance evaluation of fighter aircraft. A suite of FORTRAN-IV programs based on energy maneuverability theory p 608 N83-31599  
[AD-A128263]  
Design of a multivariable tracker control law for the A-7D Digifac 2 aircraft p 629 N83-31607  
[AD-A127440]  
Structures and Dynamics Division Research and technology plans for FY 1983 and accomplishments for FY 1982 [NASA-TM-85661] p 648 N83-32095  
Force method optimization II Volume 2 User's manual p 652 N83-32387  
[AD-A128235]  
Force method optimization 2 Volume 1 Theoretical development p 652 N83-32408  
[AD-A127073]  
Two and three dimensional systems for computer aided geometric design of aircraft surface and components [PB83-187344] p 698 N83-33001  
Guide for conceptual helicopter design [AD-A128974] p 734 N83-36024
- ### COMPUTER AIDED MANUFACTURING
- USAF's design guide coming out next month p 239 A83-20647  
Automated machining of turbine blades by Rolls-Royce p 229 A83-21348  
High-technology factory of the future p 405 A83-31052  
Surfaces in computer aided geometric design, Proceedings of the Conference, Oberwolfach, West Germany, April 25-30, 1982 p 480 A83-33613  
Utilization of computer aided design for the development of advanced turbomachinery components [SAE PAPER 821423] p 533 A83-37980  
Implementation and integration of process planning [SAE PAPER 821424] p 557 A83-37981  
Process planning at Sikorsky p 695 A83-44872  
Application of advanced CAD/CAM procedures in areas other than air transport technology p 759 A83-47189  
The increase in the cost effectiveness of the construction of and preparation of manufacturing processes for flight equipment through integrated and graphic data processing-CAD/CAM p 759 A83-47191  
A common geometric data-base approach for computer-aided manufacturing of wind-tunnel models and theoretical aerodynamic analysis [NASA-TP-2151] p 316 N83-22166
- ### COMPUTER ASSISTED INSTRUCTION
- A users manual for a detailed level fatigue crack growth analysis computer code Volume 1 The CRKGRO program [AD-A118968] p 184 N83-14530
- ### COMPUTER DESIGN
- Marconi avionics standard central air data computer p 34 A83-11119  
The software-implemented fault tolerance /SIFT/ approach to fault tolerant computing p 235 A83-22825  
Computer Aided Mission Planning System (CAMPS) [AD-A118567] p 221 N83-12895  
Naval Airship Program for Sizing and Performance (NAPSAP), computer program development Program update number 2 [AD-A120830] p 191 N83-16293  
Avionic software design p 334 N83-22113  
D L A O A support system for defining avionics software p 335 N83-22119  
Design of a high-speed digital processing element for parallel simulation [NASA-TM-83373] p 563 N83-29597
- ### COMPUTER GRAPHICS
- Color, pictorial display formats for future fighters p 35 A83-11134  
Video stand-alone instrument multi-function cockpit display system p 35 A83-11172  
Flight simulator display capability significantly advanced p 37 A83-12935  
Characteristics of flight simulator visual systems p 207 A83-16331  
Simple CIG - An approach to visual simulation for procedure training --- Computer Image Generation p 207 A83-16335  
AOI displays in simulation --- Area Of Interest p 197 A83-16337

## SUBJECT INDEX

GASAP - A general aviation airplane analysis and synthesis program  
[AIAA PAPER 83-0054] p 148 A83-16488

Multifunction display simulation facility  
p 159 A83-17302

Calligraphic/raster color display for simulation  
p 231 A83-22832

Computer-generated images in visual simulation and avionic technologies  
p 219 A83-22835

Pilot task profiles, human factors, and image realism  
p 219 A83-22836

New displays for the next generation of civil aircraft - Airbus A 310 and A 300/600 color cathode tubes  
p 269 A83-24374

Illustration of the applicability of computer aided design packages  
p 298 A83-24719

Computer generated cockpit engine displays  
p 269 A83-26309

Simulator performance definition by cue synchronization analysis  
[AIAA PAPER 83-1092] p 463 A83-36216

Design of a real-time CGSI system  
[AIAA PAPER 83-1101] p 474 A83-36221

Complex combined curve design and fitting - A B-spline multiple knot method  
p 651 A83-43699

LEONARDO - A computer-aided engineering system  
[SAWE PAPER 1488] p 651 A83-43755

The increase in the cost effectiveness of the construction of and preparation of manufacturing processes for flight equipment through integrated and graphic data processing-CAD/CAM  
p 759 A83-47191

Application of composites and computer graphics in the design of the MH-53E fuel sponson  
[AIAA PAPER 83-2441] p 726 A83-48329

Importance of topographic features and tactical annotations on maps used by Army aviators for nap-of-the-earth flight  
[AD-A118101] p 28 A83-11107

Application of coding methods in development of symbology for a computer generated topographic display for Army aviators  
[AD-A118142] p 38 A83-11124

Computer graphic presentation of conventional cockpit instruments  
[ARL/SYS-NOTE-82] p 197 A83-12082

Design and construction of a flexible autonomous electronic display device  
[TUBS/FB-80-12-02] p 221 A83-13824

Computer tomography of flows external to test models  
[NASA-CR-169521] p 221 A83-13835

Enhanced character sizes for the VDM-1 video display board  
[NASA-CR-169692] p 147 A83-15275

A study of real-time computer graphic display technology for aeronautical applications  
[NASA-CR-169828] p 236 A83-18307

Use of interactive graphics to analyze QUICK-geometry  
[NASA-TM-83234] p 364 A83-23048

Use of interactive graphics to analyze QUICK-geometry Supplement  
[NASA-TM-83234-SUPPL.] p 365 A83-23049

Generating an out-the-window cockpit image with the APX 432  
[AD-A124852] p 466 A83-25735

An interactive bombing mission simulation with computer graphics interface  
[AD-A124661] p 481 A83-26637

Airport and highway noise control, planning and analysis  
[PB83-153692] p 560 A83-28290

Interactive input for the QUICK geometry system User's manual  
[NASA-TM-81933] p 582 A83-30388

Light emitting diodes  
p 611 A83-30419

Expansion of the scan endgame program for aircraft survivability studies and development of a supporting user's guide  
[AD-A127557] p 608 A83-31598

Graphic enhancement of the Aircraft Penetration Model for use as an analytic tool  
[AD-A128226] p 733 A83-34936

**COMPUTER NETWORKS**  
Multi-man flight simulator  
[NASA-CR-166449] p 359 A83-21210

**COMPUTER PROGRAM INTEGRITY**  
Consolidated TPS implementation today and tomorrow - quality Test Program Sets for aircraft industry  
[AIAA PAPER 83-2495] p 763 A83-48350

Dissimilar software in high integrity applications in flight controls  
p 343 A83-22143

**COMPUTER PROGRAMMING**  
Interface specifications for the A-7E shared services module  
[AD-A118897] p 189 A83-14954

D.L.A.O. A support system for defining avionics software  
p 335 A83-22119

Trends in software reliability for digital flight control  
[NASA-CR-166456] p 411 A83-24194

Analytical modeling of operating characteristics of preburning-prevaportizing fuel-air mixing passages  
p 537 A83-29209

Wellborne inertial navigation system  
[DE83-004012] p 594 A83-31593

**COMPUTER PROGRAMS**  
ATE support of RF line replaceable units  
p 53 A83-10732

The first implementation of ATLAS for testing gas turbine engines  
p 1 A83-10750

PETTS /Programmable Engine Test Set/  
p 54 A83-10752

Emulation, a cost effective alternative for replacing obsolete ATE  
p 69 A83-10763

The solution of 'real-world' aircraft EMC problems using the AAPG computer program  
p 63 A83-11085

On the certification of digital computer programs for flight safety  
p 2 A83-11115

A survey of avionics software support environments  
p 70 A83-11163

An experiment in assessment of flight control software development techniques  
p 71 A83-11177

A digital flight control system verification laboratory  
p 55 A83-11178

A ray tracing computer analysis program /RAYCAP/ for airborne surveillance radar applications  
p 23 A83-11243

Calculated and experimental stress distributions in a ribbon parachute canopy  
p 181 A83-13168

Easiest ejection seat stability and control analysis capability  
p 190 A83-15428

PAN AIR applications to complex configurations - computer program for predicting subsonic and supersonic linear potential flows  
[AIAA PAPER 83-0007] p 129 A83-16459

GASAP - A general aviation airplane analysis and synthesis program  
[AIAA PAPER 83-0054] p 148 A83-16488

Improving the data base generation process for flight simulator data bases  
[AIAA PAPER 83-0138] p 171 A83-16547

A multi-grid method for transonic wing analysis and design  
[AIAA PAPER 83-0262] p 133 A83-16618

Software design for the Douglas DC-9 Super 80 digital flight guidance system  
p 141 A83-17311

Application of software design standards to commercial aircraft equipment  
p 141 A83-17312

Software aspects in certification of new European civil transport aircraft  
p 189 A83-17314

Treatment of late time instabilities in finite-difference EMP scattering codes  
p 180 A83-17532

Application of the PANAIR production code to a complex canard/wing configuration  
[AIAA PAPER 83-0009] p 136 A83-17902

A software package for computing the three-dimensional stressed state of the blades of gas-turbine engines  
p 354 A83-28507

Research on the thermomechanical stress in turbine disks under thermal manipulations - German thesis  
p 337 A83-28667

NASA ariel applications wake interaction research - particle trajectories in aircraft induced wakes  
p 317 A83-28899

Flutter analysis of a transport wing using XTRAN3S  
[AIAA 83-0922] p 357 A83-29848

A three degree-of-freedom, typical section flutter analysis using harmonic transonic air forces  
[AIAA PAPER 83-0960] p 406 A83-32797

PANAIR Pilot Code application to subsonic nacelle type interior flows  
[AIAA PAPER 83-1369] p 421 A83-36365

Correction to the wing source velocity error in Woodward's USSAERO code  
p 423 A83-36920

Robotic testing for digital systems - for software in avionics and flight control systems  
[SAE PAPER 821422] p 568 A83-37979

Some recent applications of XTRAN3S - time marching finite difference code for solution of three-dimensional transonic small perturbation flow  
[AIAA PAPER 83-1811] p 497 A83-38644

Grid generation by elliptic partial differential equations for a tri-element Augmentor-Wing airfoil  
p 502 A83-38803

Flight software for optimal trajectories in transport aircraft  
[AIAA PAPER 83-2241] p 591 A83-41718

Residual strength predictions for ballistically damaged aircraft  
p 641 A83-42540

NASA wake interactions research and applications  
[SAE PAPER 830764] p 580 A83-43329

## COMPUTER PROGRAMS

Weight control program for a graphite/epoxy aircraft  
[SAWE PAPER 1485] p 635 A83-43752

Design Optimization Codes for Structures - DOCS computer program  
p 694 A83-43974

Process planning at Sikorsky  
p 695 A83-44872

PAN AIR applications to complex configurations - computer program for predicting subsonic and supersonic linear potential flows  
p 716 A83-48221

Wave drag prediction using a simplified supersonic area rule  
p 716 A83-48222

A conceptual design program for educational purposes  
[AIAA PAPER 83-2473] p 727 A83-48339

Consolidated TPS implementation today and tomorrow - quality Test Program Sets for aircraft industry  
[AIAA PAPER 83-2495] p 763 A83-48350

Conceptual design of transport aircraft  
p 731 A83-49475

The development of a generalized advanced propeller analysis system  
[AIAA PAPER 83-2486] p 746 A83-49581

Airport landside Volume 1 Planning guide  
[AD-A117599] p 56 A83-10083

Airport landside Volume 2 The Airport Landside Simulation Model (ALSIM) description and users guide  
[AD-A117600] p 58 A83-10084

Airport landside Volume 3 ALSIM calibration and validation  
[AD-A117601] p 57 A83-10085

Airport landside Volume 4 Appendix A ALSIM AUXILIARY and MAIN programs  
[AD-A117602] p 57 A83-10086

Recent experiences with three-dimensional transonic potential flow calculations  
[NASA-TM-78733] p 12 A83-11072

Comparison of experimental and theoretical drag characteristics for a 10-percent-thick supercritical airfoil using a new version of an analysis code  
[NASA-TM-X-74041] p 13 A83-11080

OPDOT - A computer program for the optimum preliminary design of a transport airplane  
[NASA-TM-81857] p 32 A83-11114

Experimental program for the evaluation of turbofan/turboshaft c conversion technology  
[NASA-TM-82988] p 44 A83-11130

Design and Analysis of a multivariable, digital controller for the A-7D Digitac 2 aircraft and the development of an interactive computer design program  
[AD-A118134] p 53 A83-11144

Practical applications of fracture mechanics in aircraft and aerospace structural problems  
[AD-A118321] p 68 A83-11520

Aircraft flight procedure program Data base development  
[PB82-183740] p 175 A83-12040

Aircraft flight procedure program Modified computer program model, user's manual  
[PB82-183757] p 176 A83-12041

A technical analysis of rehosting the National Aerospace System software  
[AD-A118828] p 187 A83-12069

A general program for predicting rigid-aircraft gust response  
[ARL/AERO-NOTE-407] p 203 A83-12097

Feasibility of computing residual displacements in runways and crater repairs  
[AD-A118610] p 208 A83-12105

Large displacements and stability analysis of nonlinear propeller structures  
p 218 A83-12460

Computer Aided Mission Planning System (CAMPS)  
[AD-A118567] p 221 A83-12895

Programming of a trajectory control calculator for calculation, manipulation and description of 4D flight trajectories  
[TUBS/FB-81-08-01] p 206 A83-13119

Prelaunch survivability of Ground Launched Cruise Missile (GLCM) Volume 3 SAVAGE code version 10 user's guide  
[AD-A119023] p 155 A83-14113

A dive performance computer program  
[AD-A119407] p 156 A83-14121

A users manual for a detailed level fatigue crack growth analysis computer code Volume 1 The CRKGRO program  
[AD-A119698] p 184 A83-14530

Revised Structural Technology Evaluation Program (STEP) user's manual for structural synthesis  
[AD-A119694] p 184 A83-14532

A model for prediction bird and ice impact loads on structures  
[AD-A119408] p 184 A83-14543

CARE 3 phase 2 report - mathematical description  
[NASA-CR-3566] p 189 A83-14929

Software optimization for array processors. An AP-120B Kalman filter  
[AD-A119221] p 189 A83-14973





# SUBJECT INDEX

A technique to empirically model clutter signals in airborne pulse Doppler radar p 23 A83-11251  
 Dot-matrix display light measurement and interpretation techniques --- for qualification tests techniques p 36 A83-11257  
 An efficient triangular plate bending finite element for crash simulation p 64 A83-12755  
 Development of analytical and experimental techniques for determining store airload distributions p 8 A83-13077  
 Easiest ejection seat stability and control analysis capability p 190 A83-15428  
 A program system for dynamic analysis of aeronautical structures / HAJIF II/ p 215 A83-15545  
 The diagnostics of disturbances in components of turbojet engines with gasdynamics parameter monitoring p 199 A83-15850  
 An analytical evaluation of the icing properties of several low and medium speed airfoils [AIAA PAPER 83-0109] p 131 A83-16525  
 A glimpse into the future of air combat --- via computerized cockpit simulators [AIAA PAPER 83-0143] p 171 A83-16552  
 Measurement of the frequency response of a digital autopilot [AIAA PAPER 83-0328] p 176 A83-16655  
 A dynamic model for aircraft poststall departure [AIAA PAPER 83-0367] p 150 A83-16674  
 Radio Technical Commission for Aeronautics, Technical Symposium and Annual Assembly Meeting, Washington, DC, November 18-20, 1981, Proceedings p 127 A83-17301  
 Boeing gains real-time flight data p 172 A83-18270  
 Rockwell B-1B design to be studied in new cab p 173 A83-18271  
 Real-time scenarios aid McDonnell weapons work p 173 A83-18272  
 Ames expands rotorcraft capability p 173 A83-18273  
 Computer models cut USAF test costs p 173 A83-18274  
 Effects of finite wire scatterers in the field of VOR p 144 A83-19039  
 CTOL, STOAL, V/STOL - An operational comparison for forward deployed CVNs p 196 A83-22157  
 Real time multiradar simulation with a microprocessor p 200 A83-22824  
 Realistic 'feel' in flight simulators is based on precise control loading p 219 A83-23240  
 Optimal design of a baro/radio supported inertial altitude system [DGLR PAPER 82 041] p 269 A83-24165  
 A computer model for gas turbine blade cooling analysis [ASME PAPER 82-JPGC-GT 6] p 279 A83-25267  
 A hybrid facility for the simulation, development, and validation of ECS microprocessor based controls [SAE PAPER 820867] p 289 A83-25766  
 Study on longitudinal dynamic characteristics of pilot-airplane system - Approach to the method for studying PIO problem - Pilot-Induced Oscillation p 287 A83-26762  
 The extended Kalman filter and its use in estimating aerodynamic derivatives p 340 A83-28183  
 Computer simulation of a differential GPS for civil applications p 323 A83-28790  
 NASA aerial applications wake interaction research --- particle trajectories in aircraft induced wakes p 317 A83-28899  
 Computational treatment of three-dimensional transonic canard wing interactions p 312 A83-29021  
 VOR area navigation - Techniques and results p 323 A83-29205  
 Simulation of T-38 aircraft student canopy response to cockpit pressure and thermal loads using MAGMA -- Mathematically and Geometrically Nonlinear Analysis [AIAA 83-0942] p 328 A83-29772  
 Institute of environmental sciences aircraft engine combustor casing life simulation for increased reliability p 391 A83-31493  
 New thermal and trajectory model for high-altitude balloons p 386 A83-32579  
 Computer studies of ACV heave performance as a function of vent valve control parameters p 460 A83-34854  
 Computer studies of ACV heave dynamics stabilization p 486 A83-35055  
 Computer model of a collision-avoidance system for air traffic control p 431 A83-35275  
 Numerical simulation of airfoil ice accretion [AIAA PAPER 83-0112] p 428 A83-36042  
 Numerical simulation of electrothermal de-icing systems [AIAA PAPER 83-0114] p 428 A83-36043

Simulator fidelity and flight test data - Improving the flight performance of the B-52H WST production unit flight station simulator [AIAA PAPER 83-1075] p 436 A83-36204  
 Sinusoidal integration for simulation of second-order systems [AIAA PAPER 83-1086] p 480 A83-36210  
 Error sources in hybrid computer based flight simulation [AIAA PAPER 83-1090] p 436 A83-36214  
 Compensation for time delay in flight simulator visual-display systems [AIAA PAPER 83-1080] p 464 A83-36222  
 Importance of inlet boundary conditions for numerical simulation of combustor flows [AIAA PAPER 83-1263] p 454 A83-36314  
 Performance capability of a Compact Multimission Aircraft Propulsion Simulator [AIAA PAPER 83-1358] p 464 A83-36356  
 Monte Carlo simulation of the engine development process [AIAA PAPER 83-1405] p 456 A83-36394  
 Flow over a biconic configuration with an afterbody compression flap - A comparative numerical study [AIAA PAPER 83-1668] p 491 A83-37179  
 Aerodynamic simulation - A key technology not only for aviation p 495 A83-37860  
 Closed-loop engine fuel system simulation [SAE PAPER 821374] p 532 A83-37964  
 Validation of the KC-10 refueling boom digital control system [SAE PAPER 821421] p 517 A83-37978  
 Dynamic analysis of the Magnus Aerospace Corporation LTA 20-1 heavy-lift aircraft [AIAA PAPER 83-1977] p 522 A83-38908  
 Simulated fan-beam radar imagery --- use in assessing aircraft approach-to-landing paths p 559 A83-40302  
 Hovering limit cycles - A man-in-the-loop approach [AIAA PAPER 83-2232] p 621 A83-41710  
 Mixing 4D equipped and unequipped aircraft in the terminal area [AIAA PAPER 83-2240] p 591 A83-41717  
 New results in fault latency modelling [AIAA PAPER 83-2303] p 650 A83-41760  
 A simulation study of the low speed characteristics of a light twin with an engine-out [AIAA PAPER 83-2128] p 626 A83-41951  
 Simulations used in the development and flight test of the HiMAT vehicle [AIAA PAPER 83-2505] p 727 A83-48355  
 Airport landside Volume 1 Planning guide [AD-A117599] p 56 A83-10083  
 Airport landside Volume 2 The Airport Landside Simulation Model (ALSIM) description and users guide [AD-A117600] p 56 A83-10084  
 Airport landside Volume 3 ALSIM calibration and validation [AD-A117601] p 57 A83-10085  
 Airport landside Volume 4 Appendix A ALSIM AUXILIARY and MAIN programs [AD-A117602] p 57 A83-10086  
 Airport landside Volume 5 Appendix B ALSIM subroutines [AD-A117603] p 57 A83-10087  
 Predictor symbology in computer-generated pictorial displays [NASA-CR 169441] p 72 A83-10803  
 Dayton aircraft cabin fire model, version 3 Volume 2 Program user's guide and appendices [AD-A118390] p 16 A83-11099  
 Sensitivity analysis of helicopter IMC decelerating steep approach and landing performance to navigation system parameters [NASA-CR-166412] p 27 A83-11102  
 Rotor dynamic simulation and system identification methods for application to vacuum whirl data [NASA-CR-159356] p 32 A83-11117  
 A computational geometry method for blade space geometric design p 165 A83-15260  
 An efficient fully implicit simulator [CSS-126] p 176 A83-15322  
 In-flight investigation of large airplane flying qualities for approach and landing [AD-A120202] p 206 A83-16332  
 Flight simulation test of National Aerospace Laboratory STOL research-aircraft Part 1 STOL configuration [NAL-TR-713-PT-1] p 207 A83-17528  
 Aids to decision making in airport planning [REPT-34] p 221 A83-17562  
 Numerical simulation of transonic flutter of a supercritical wing [NAL-TR 726T] p 288 A83-18743  
 Computational treatment of transonic canard-wing interactions [AD-A121662] p 246 A83-19718

Flight in low-level wind shear [NASA-CR-3678] p 362 A83-21711  
 Computer simulation of an aircraft seat and occupant in a crash environment, volume 1 [FAA-CT-82-33-1-VOL-1] p 319 A83-22171  
 Computer simulation of an aircraft seat and occupant in a crash environment Volume 2 Program SOM-LA user manual [FAA-CT-82-33-2-VOL-2] p 319 A83-22172  
 Time-based self-spacing techniques using cockpit display of traffic information during approach to landing in a terminal area vectoring environment [NASA-TM-84601] p 335 A83-22196  
 A computer-based simulation of a simple aircraft-type fuel system Part 1 Normal transfer [AD-A123007] p 389 A83-23301  
 A simple propulsion system model for the simulation of nonlinear dynamic thrust response [NASA TM-77053] p 393 A83-23310  
 Real time digital integration and integral step size for flight control and flight simulation [NAL-TR-743] p 397 A83-24514  
 Summary Proceedings of a Wind Shear Workshop [NASA-CP-2270] p 410 A83-25265  
 Investigation of an improved finite element model for a repaired T-38 horizontal stabilizer flutter analysis using NASTRAN [AD-A124741] p 461 A83-25717  
 Static aeroelastic analysis of flexible wings via NASTRAN, part 1 [AD-A124662] p 477 A83-26099  
 Structural model tuning via vector optimization [AD-A124791] p 477 A83-26103  
 An interactive bombing mission simulation with computer graphics interface [AD-A124661] p 481 A83-26637  
 Dynamic characteristics of aerial refueling systems [AD-A124770] p 442 A83-26830  
 Simulation program of rotary wings [FOA-C-30308-E1] p 443 A83-26836  
 Design of a multivariable tracker control law for the A-7D Digitac 2 aircraft [AD-A127440] p 629 A83-31607  
 Numerical Aerodynamic Simulation (NAS) [NASA-TM-84386] p 652 A83-32397  
 Real-time simulation of jet engines with digital computer 1 Fabrication and characteristics of the simulator [NASA-TM-77081] p 684 A83-32809  
 Propeller performance and weight predictions appended to the Navy/NASA engine program [NASA-TM-83458] p 684 A83-32810  
 Multiprocessor Shared Memory (MSM) development [AD-A126527] p 705 A83-34598  
 Graphic enhancement of the Aircraft Penetration Model for use as an analytic tool [AD-A128226] p 733 A83-34936  
 Effect of lead-aircraft ground-speed on self-spacing performance using a cockpit display of traffic information [NASA-TP-2194] p 736 A83-36028  
**CONCENTRATION (COMPOSITION)**  
 An operational hygiene study for ozone in the cabin of the Canadian Forces (CC137) Boeing 707 aircraft [AD-A121749] p 332 A83-20937  
**CONCORDE AIRCRAFT**  
 Flying and design of aircraft [RAE TRANS 2070] p 205 A83-16326  
 Ultra sound and insurance p 412 A83-24286  
**CONCRETE STRUCTURES**  
 Airfield coatings incorporating polymer materials - Repair and maintenance --- Russian book p 689 A83-45029  
 Polymer concrete patching manual [PB83 180265] p 647 A83-31912  
**CONCRETES**  
 Thermal properties of some asphaltic concrete mixes [AIAA PAPER 83-1598] p 399 A83-33361  
 Evaluation of properties of recycled asphalt concrete hot mix [AIAA PAPER 83-1599] p 399 A83-33362  
 Application of semi-rigid pavements in rapid runway repair p 175 A83-15289  
 Longitudinal joint systems in slip-formed rigid pavements Volume 5 Summary of field test results from Chicago O'Hare International Airport [FAA-RD-79-4-5] p 293 A83-19762  
 Braking of an aircraft tire on grooved and porous asphaltic concrete [FAA-CT-82-147] p 360 A83-22593  
 Evaluation of three state-of-the-art water-jet systems for cutting/removing concrete [AD-A123579] p 407 A83-24732  
 Rapid runway repair program subtask 1 08 Concrete cutting equipment evaluation [AD-A127336] p 631 A83-30440  
 Crash tests of three identical low-wing single-engine airplane [NASA-TP-2190] p 720 A83-34921

## CONDENSATES

### CONDENSATES

A study of the corrosion activity of the fuselage condensate of passenger aircraft p 190 A83-15398

### CONDENSING

Condensation studies in cryogenic nitrogen expansions p 465 N83-25720

### CONDUCTIVE HEAT TRANSFER

On the formulation of the finite-element method in heat-conduction problems for aircraft structures p 556 A83-37515

Results of an experimental study of the thermal state of blades in turbines with partial root cooling p 614 A83-42138

### CONES

Some experiments on yaw stability of wind turbines with various coning angles [NASA-CR-168108] p 362 N83-22740

### CONFERENCES

NAECON 1982, Proceedings of the National Aerospace and Electronics Conference, Dayton, OH, May 18-20, 1982. Volumes 1, 2 & 3 p 2 A83-11083

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The Shock and Vibration Bulletin Part 2 Environmental testing, shock testing, shock analysis [AD-D432830] p 66 N83-10231

Flight effects of fan noise [NASA-CP-2242] p 73 N83-10883

COSAM (Conservation Of Strategic Aerospace Materials) program overview [NASA-TM-83006] p 61 N83-11282

Research Issues in the Determination of Simulator Fidelity Proceedings of the ARI sponsored Workshop [AD-A118253] p 208 N83-12106

Advanced Materials Technology [NASA-CP-2251] p 210 N83-12147

Third Symposium on Traffic Alert and Collision Avoidance Systems (TCAS) [FAA-RD-82-75] p 144 N83-14080

Aircraft Dynamic Response to Damaged and Repaired Runways [AGARD-CP-328] p 157 N83-15284

Symposium on Commercial Aviation Energy Conservation Strategies Papers and presentations [AD-A107106] p 188 N83-17455

Prediction of Aerodynamic Loads on Rotorcraft --- helicopter and wind turbine rotors [AD-A124260] p 188 N83-17470

Practical Considerations of Design, Fabrication and Tests for Composite Materials [AD-A123450] p 227 N83-17609

Propeller Performance and Noise, Volume 2 [VKI-LS-1982-08-VOL-2] p 242 N83-18656

Film Cooling and Turbine Blade Heat Transfer, volume 1 [VKI-LS-1982-02-VOL-1] p 282 N83-18730

Film Cooling and Turbine Blade Heat Transfer, volume 2 [VKI-LS-1982-02-VOL-2] p 282 N83-18738

Cryogenic Wind Tunnel Models Design and Fabrication [NASA-CP-2262] p 290 N83-18748

Design criteria for the future of flight controls [AD-A121423] p 289 N83-19759

Advanced Power Transmission Technology [NASA-CP-2210] p 302 N83-20119

Wall Interference in Wind Tunnels [AD-A124122] p 347 N83-20957

Tire Modeling [NASA-CP-2264] p 359 N83-21391

Air Traffic Control in Face of Users' Demand and Economy Constraints [AD-A127146] p 325 N83-22177

Aviation Gasolines and Future Alternatives [NASA-CP-2267] p 352 N83-22442

Helicopter technology benefits and needs Volume 1 Summary [NASA-CR-166469-VOL-1] p 368 N83-23240

Helicopter technology benefits and needs Volume 2 Appendices [NASA-CR-166470-VOL-2] p 369 N83-23241

The 3rd Traffic Alert and Collision Avoidance System (TCAS) Symposium [AD-A123037] p 381 N83-23288

Technical evaluation report on the Fluid Dynamics Panel Specialists' Meeting on Prediction of Aerodynamic Loads on Rotorcraft [AGARD-AR-189] p 426 N83-25682

The 5th Advanced Aircrew Display Symposium Proceedings [AD-A126132] p 531 N83-29206

Combustion Fundamentals Research [NASA-CP-2268] p 537 N83-29208

Engine Handling [AD-A129168] p 540 N83-29241

Ground/Flight Test Techniques and Correlation [AD-A129433] p 576 N83-30357

Report from the International Congress of Navigation --- integrated navigation [FOA-C-20489-E3] p 593 N83-30400

Hot corrosion in gas turbines [AD-A127425] p 617 N83-30433

The Shock and Vibration Bulletin, no 52 Part 1 Welcome, keynote address, invited papers, rotor dynamics and machinery vibration [BULL-52-PT-1] p 644 N83-30684

Eighth International Aerospace and Ground Conference on Lightning and Static Electricity Lightning Technology Roundup [FAA-CT-83-25] p 649 N83-31163

Restructurable Controls [NASA-CP-2277] p 688 N83-33896

Failure Analysis and Mechanisms of Failure of Fibrous Composite Structures [NASA-CP-2278] p 693 N83-33957

Summary Proceedings of the Future Navigation Systems Planning Conference [AD-A128717] p 724 N83-34932

Technical evaluation report on the Flight Mechanics Panel Symposium on Ground/Flight Test Techniques and Correlation [AGARD-AR-191] p 733 N83-34939

Proceedings of the Antenna Applications Symposium (1982) [AD-A129356] p 765 N83-36338

Low-level gust gradient program and aviation workshop effort p 767 N83-36592

### CONFIDENCE LIMITS

Statistical determination of a flaw detection probability curve p 300 A83-26763

### CONFIGURATION MANAGEMENT

Software configuration control in a real-time flight test environment p 29 A83-11144

Calculation of lateral-directional stability derivatives of wings by a nonplanar quasi-vortex-lattice method [NASA-CR-165659] p 581 N83-30387

Software description for the O'Hare runway configuration management system Volume 1 Technical description [AD-A127398] p 631 N83-30442

### CONGESTION

Management and planning concepts p 326 N83-22185

### CONGRESSIONAL REPORTS

DOD's use of remotely piloted vehicle technology offers opportunities for saving lives and dollars [MASAD-81-20] p 72 N83-10875

National Aeronautics and Space Administration p 74 N83-10989

Requirements and production capabilities are uncertain for some Air Force, Navy and Marine Corps aircraft spares and repair parts [AD-A118423] p 6 N83-11055

Aircraft cabin safety staffing standards [H-REPT-97-394] p 15 N83-11093

Aircraft cabin safety staffing standards [GPO-77-969] p 16 N83-11094

Aircraft thrust/power management can save defense fuel, reduce engine maintenance costs, and improve readiness [GAO/PLRD-82-74] p 139 N83-14074

The changing airline industry: A report, 1981 [GAO/CED-82-94] p 139 N83-14075

Aviation weather [GPO-98-983] p 304 N83-20493

FAA national airspace system plan [GPO-94-438] p 346 N83-20953

National Airspace System Plan [GPO-98-029] p 319 N83-22169

A strategy is needed to deal with peaking problems at international airports [GAO/GGD-83-4] p 429 N83-25683

FAA's plan to improve the air traffic control system: A step in the right direction but improvements and better coordination are needed [GAO/AFMD-83-34] p 432 N83-25687

NASA authorization for fiscal year 1984 [GPO-19-200] p 487 N83-27921

National Aeronautics and Space Administration research and development, including space flight, control and data communications p 573 N83-29134

Air disaster litigation [GPO-97-336] p 510 N83-29185

Army helicopter improvement program's future may depend on success in controlling cost [PB83-168187] p 529 N83-29202

The effectiveness of the Civil Aviation Security Program [AD-A128687] p 721 N83-36013

### CONICAL BODIES

Supersonic flow around a conical fuselage of arbitrary section isolated or equipped with a delta wing with subsonic leading edges p 7 A83-10579

Separated flows on a concave conical wing p 418 A83-35707

## SUBJECT INDEX

- The maximum aerodynamic efficiency of conical wing-body combinations at high supersonic speeds p 578 A83-41266
- Nonlinear aerodynamics of conical delta wings p 504 A83-27956
- CONICAL CAMBER**
- SC3 - A wing concept for supersonic maneuvering [AIAA PAPER 83-1856] p 500 A83-38685
- CONICAL FLOW**
- Conical similarity of shock/boundary layer interactions generated by swept fins [AIAA PAPER 83-1756] p 492 A83-37229
- Optimization of waverider configurations generated from axisymmetric conical flows p 715 A83-48134
- Performance of a tandem-rotor/tandem-stator conical-flow compressor designed for a pressure ratio of 3 [NASA-TP-2034] p 10 A83-11058
- Nonlinear aerodynamics of conical delta wings p 504 A83-27956
- CONICAL NOZZLES**
- Aeroacoustics of a porous plug supersonic jet noise suppressor [NASA-CR-169977] p 309 A83-19576
- CONNECTORS**
- The remote link unit A demonstration of operational performance Part 2 User's manual [AD-A124620] p 476 A83-25938
- CONSERVATION EQUATIONS**
- A conservative type-dependent full potential method for the treatment of supersonic flows with embedded subsonic regions [AIAA PAPER 83-1887] p 502 A83-39356
- CONSOLES**
- Central operating and display unit for avionics systems p 722 A83-47193
- Coast Terminal Radar Approach Control Facility (TRACON) refurbishment [DOT/FAA/RD-82/38] p 186 A83-12060
- CONSTITUTIVE EQUATIONS**
- Nonlinear structural and life analyses of a combustor liner p 65 A83-12764
- CONSTRAINTS**
- Vertical impact tests of a modified F/FB-111 crew seat to evaluate headrest position and restraint configuration effects [AD-A120255] p 197 A83-16311
- Fuel conservation and economy constraints p 362 A83-22179
- Models and techniques for evaluating the effectiveness of aircraft computing systems [NASA-CR-170229] p 411 A83-24184
- Investigation of crew restraint system biomechanics [AD-A126199] p 510 A83-29190
- Ejection seat-mounted crewmember restraint integrated with survival vest and flotation [AD-A126859] p 585 A83-30399
- Techniques in optimum structural synthesis with static and dynamic constraints p 699 A83-33189
- Centrifuge tests of modifications to the MA 2 aircrewman torso harness, phase 1 [AD-A126416] p 669 A83-33860
- Aircraft acceleration sensitive inertia reel lock [AD-A126739] p 721 A83-34924
- CONSTRUCTION**
- The runways of the Frankfurt Main airport Air traffic lifelines [FACHTHEMEN-3] p 400 A83-23322
- Materials and modelling technology for cryogenic environment p 465 A83-25723
- Evaluation of design criterion of the strategic expeditionary landing field [AD-A128323] p 633 A83-31614
- CONSTRUCTION MATERIALS**
- Application of fracture mechanics for selection of metallic structural materials --- Book p 295 A83-25317
- Durability of aircraft composite materials p 211 A83-12164
- CONTAMINANTS**
- Emissions variability and traversing on production RB211 engines [ASME PAPER 83-GT-141] p 741 A83-47966
- Monitoring the contamination of jet fuels by corrosion inhibitors p 757 A83-48544
- Use of geochemical investigative methods for preliminary hygienic assessment of effect of airports on environment p 349 A83-22972
- CONTAMINATION**
- Determination of the sensitivity of U.S. Air Force aircraft hydraulic system components to particulate contamination p 475 A83-36910

## CONTINGENCY

- Feasibility of water injection into the turbine coolant to permit gas turbine contingency power for helicopter application [NASA-TM-83043] p 166 A83-15307

## CONTOURS

- Analytical and experimental investigation of stator endwall contouring in a small axial-flow turbine 1 Stator performance [NASA-TP 2023] p 43 A83-11125

## CONTRACT MANAGEMENT

- The significant elements of the reliability and maintainability programs for the modernized Cobra helicopter weapons/weapons control systems p 406 A83-31499
- Durability and damage tolerance control plans for U.S. Air Force aircraft p 594 A83-41045

## CONTRACT NEGOTIATION

- Recommendations as to the elaboration of operational reliability, maintenance cost and availability clauses in aeronautical equipment supply contracts p 303 A83-20180

## CONTRACTORS

- Contracts, grants and funding summary of supersonic cruise research and variable-cycle engine technology programs, 1972 - 1982 [NASA-TM 85650] p 666 A83-33848

## CONTRACTS

- Cost analysis of turbine engine warranties [AD-A123034] p 394 A83-23313
- Contracts, grants and funding summary of supersonic cruise research and variable-cycle engine technology programs, 1972 - 1982 [NASA-TM 85650] p 666 A83-33848

## CONTRAROTATING PROPELLERS

- Technology and benefits of aircraft counter rotation propellers [NASA-TM 82983] p 44 A83-11129

## CONTROL

- Handling qualities aspects of CTOL aircraft with advanced flight controls p 50 A83-10064
- Turbine engine fuel conservation by fan and compressor profile control p 213 A83-17467
- Effect of external stores on the stability and control characteristics of a delta wing fighter model at Mach numbers from 0.60 to 2.01 [NASA-TM-84596] p 194 A83-17508

## CONTROL BOARDS

- Development of avionics installation interface standards [AD-A116852] p 38 A83-11123

## CONTROL CONFIGURED VEHICLES

- Experiment control in problems of minimax estimation --- for aircraft longitudinal control p 69 A83-10455
- F-104 CCV research flight test program p 215 A83-20074

- Design and implementation of an active load alleviation system, taking into account the example of a modern transport aircraft [DGLR PAPER 82-045] p 284 A83-24170
- Solution of the fundamental control problem /FCP/ --- for aircraft p 341 A83-29291

- Design of the flutter suppression system for DAST ARW 1R A status report [AIAA 83-0990] p 330 A83-29868
- Active suppression of aeroelastic instabilities on a forward swept wing [AIAA 83-0991] p 341 A83-29869

- Certain aspects of the optimum design of hydrodynamic lifting complexes p 375 A83-33002
- A comparison of minimizing strategies for maximum likelihood identification --- stability and control derivatives of wide body aircraft p 567 A83-37085

- Control configured vehicle as a new generation aircraft p 618 A83-40884
- Rigid-body structural mode coupling on a forward swept wing aircraft p 594 A83-41046

- Aeroelastic interactions with flight control (A survey paper) [AIAA PAPER 83-2219] p 621 A83-41700
- Vectoring exhaust systems for STOL tactical aircraft [ASME PAPER 83-GT 212] p 744 A83-48013

- STOL fighter technology program [ASME PAPER 83-GT 243] p 726 A83-48033
- Effect of aircraft configuration and control integration on surface actuation [AIAA PAPER 83-2487] p 727 A83-48347

- Aerodynamics propulsion and longitudinal control requirements for a tilt-nacelle V/STOL with control vanes submerged in the nacelle slipstream [AIAA PAPER 83-2513] p 728 A83-48357

## CONTROL EQUIPMENT

- Attempt to determine the power demand of a helicopter control system on the basis of flight tests p 45 A83-10439

## Aircraft electrical equipment --- Russian book

- p 162 A83-17125
- Generic faults and architecture design considerations in flight-critical systems p 262 A83-24426

- Illustration of the applicability of computer aided design packages p 298 A83-24719
- CONEX gyroscope p 354 A83-28782

- System design approaches to integrated controls p 511 A83-37103
- TALIS - A proposed system for taxiway control --- Taxiing Aircraft Location and Identification System p 513 A83-38934

- Restructurable controls for aircraft [AIAA PAPER 83-2255] p 622 A83-41728
- Electronic control of aircraft turbine engine p 683 A83-45600

- The use of production hardware for the development of control laws -- LSI for engine control [ASME PAPER 83-GT-6] p 737 A83-47879

- Components for digitally controlled aircraft engines [NASA-CR-165296] p 201 A83-12089
- The influence of the ratio of control force to control path in a miniature control element [TUBS/FB 80-01-02] p 205 A83-13117

## CONTROL MOMENT GYROSCOPES

- NAPC gyroscopic moment test facility p 173 A83-18407

## CONTROL SIMULATION

- Simulated mission endurance control system p 54 A83-10751
- Design and application of a multivariable, digital controller to the A 7D Digiac II aircraft model p 45 A83-11148

- Use of the onboard simulation concept for the integrated flight and fire control program p 22 A83-11201
- Implementation of the DAST ARW II control laws using an 8086 microprocessor and an 8087 floating point coprocessor -- drones for aeroelasticity research p 71 A83-11910

- An analytical pilot rating method for highly elastic aircraft p 203 A83-14843
- Simulation versus simulation --- as illustrated with Mission System Avionics for Airborne Early Warning Nimrod p 185 A83-16332

- Simulation of a terrain following system p 186 A83-16333
- Assessment of advanced fighter powered approach simulations [AIAA PAPER 83-0141] p 168 A83-16550

- Identification of certain dynamic characteristics of a helicopter-autopilot system by means of simulation p 216 A83-23222
- State space aeroelastic modeling and its application in flutter calculation p 300 A83-26761

- Model reference adaptive control in the presence of measurement noise p 568 A83-37128
- Development of a compact real-time turbofan engine dynamic simulation [SAE PAPER 821401] p 533 A83-37974

- Helicopter IFR approaches into major terminals using RNAV, MLS, and CDTI p 584 A83-41042
- Robust fault detection, isolation, and accommodation to support integrated aircraft control [AIAA PAPER 83-2161] p 619 A83-41661

- Simulation evaluation of flight controls and display concepts for VTOL shipboard operations [AIAA PAPER 83-2173] p 575 A83-41668
- Application of Monte-Carlo techniques to the 757/767 autoland dispersion analysis by simulation [AIAA PAPER 83-2193] p 619 A83-41678

- Adaptive control of variable flow ducted rockets [AIAA PAPER 83-2202] p 595 A83-41686
- Digital simulation and control of the Machan UMA p 593 A83-43718

- Air traffic control simulation in the airport area p 722 A83-47200
- A new approach to fault-tolerant helicopter swashplate control [AIAA PAPER 83-2485] p 750 A83-48345

- Time scheduling of a mix of 4D equipped and unequipped aircraft [NASA-TM-84327] p 250 A83-19721

## CONTROL STABILITY

- The use of modal control to minimize errors in the analytical reconstruction of flight control sensor signals p 46 A83-11210
- Effects of control saturation on the command response of statically unstable aircraft [AIAA PAPER 83-0065] p 168 A83-16497

- Model reference adaptive control in the presence of measurement noise p 568 A83-37128
- Robust fault detection, isolation, and accommodation to support integrated aircraft control [AIAA PAPER 83-2161] p 619 A83-41661

- Digital homing guidance - Stability vs performance trade-offs  
 [AIAA PAPER 83-2167] p 590 A83-41663  
 Line of sight reconstruction for faster homing guidance  
 [AIAA PAPER 83-2170] p 591 A83-41666  
 Robustness analysis of a multiloop flight control system  
 [AIAA PAPER 83-2189] p 619 A83-41675  
 Tradeoff studies in multiobjective insensitive design of airplane control systems  
 [AIAA PAPER 83-2273] p 622 A83-41739  
 Flight test experience with pilot-induced-oscillation suppressor filters  
 [AIAA PAPER 83-2107] p 625 A83-41936  
 Gain and phase margin as a basis of longitudinal flying qualities evaluation --- fighter aircraft p 49 N83-10059  
 Development and flight test of an active flutter suppression system for the F-4F with stores Part I Design of the active flutter suppression system  
 [AD-A121485] p 288 N83-18746

**CONTROL STICKS**

- Sidestick controller design requirements  
 p 396 A83-32934  
 Simulator performance definition by cue synchronization analysis  
 [AIAA PAPER 83-1092] p 463 A83-36216

**CONTROL SURFACES**

- Remotely driven model control surfaces for efficient wind-tunnel operations  
 [AIAA PAPER 83-0148] p 172 A83-16556  
 Realistic 'feel' in flight simulators is based on precise control loading  
 p 219 A83-23240  
 Development and testing of Skyship 500  
 p 327 A83-28191  
 On the routes - Boeing 757 with British Airways  
 p 327 A83-29241  
 Commercial aircraft with reduced longitudinal stability and active tail planes, and the unsteady aerodynamics of rapidly adjusted control surfaces p 750 A83-47213  
 Comparison of analytical and experimental subsonic steady and unsteady pressure distributions for a high-aspect-ratio-supercritical wing model with oscillating control surfaces  
 [NASA-TM-84490] p 9 N83-10017  
 Stability and control for high angle of attack maneuvering  
 p 50 N83-10069  
 Wind-tunnel investigation of effects of rear upper surface modification on a NASA supercritical airfoil  
 [NASA-TM-X-2454] p 4 N83-11020  
 Eigenspace techniques for active flutter suppression  
 [NASA-CR-169858] p 217 N83-17556  
 Unsteady aerodynamic and aeroelastic properties on control surfaces in transonic flow  
 p 314 N83-20902  
 Flow visualization of the wake of a transport aircraft model with lateral-control oscillations  
 [NASA-TM-84623] p 491 N83-27951  
 Aircraft applications  
 p 636 N83-30536  
 Investigation of limit cycle response of aerodynamic surfaces with structural nonlinearities  
 [AD-A127140] p 584 N83-31580  
 Experimental experience at Calspan  
 p 688 N83-33900  
 MIKOYAN MIG-23, USSR  
 [AD-A128293] p 733 N83-34937

**CONTROL THEORY**

- The MCP-100 - A turnkey system for implementing multivariable flight control laws  
 p 34 A83-11101  
 Robust model following systems  
 p 220 A83-16146  
 Active control of a relaxed-static-stability airplane using a discrete model following technique  
 [AIAA PAPER 83-0279] p 168 A83-16624  
 Extended perfect model following --- control system synthesis technique  
 p 235 A83-20289  
 Constrained eigenvalue/eigenvector assignment - Application to flight control systems  
 p 215 A83-21006  
 The construction of augmented tracking regulators for piloting highly maneuverable aircraft  
 [ONERA, TP NO 1982-118] p 284 A83-24329  
 A discrete tracking control law for nonlinear plants --- applied to F-8 aircraft stall recovery  
 p 286 A83-26503  
 Synthesis of C(asterisk)-model reference adaptive flight controller  
 p 287 A83-26559  
 Interactive fine-tuning of linear-quadratic governors by selective and direct action on the poles of the control system  
 [ONERA, TP NO 1983-21] p 480 A83-36430  
 A modified algorithm for determining structural controllability  
 p 480 A83-36455  
 Integrated control techniques  
 p 567 A83-37102  
 Microprocessor controlled optimal helicopter turret control system  
 p 516 A83-37148  
 One new method of dynamic flight control  
 p 568 A83-37447  
 Regulator design for the F100 turbofan engine  
 p 612 A83-41492

- Classical vs modern control system design for terminal guidance of bank-to-turn intercept missiles  
 [AIAA PAPER 83-2203] p 620 A83-41687  
 Control law design for ejection seats  
 [AIAA PAPER 83-2204] p 595 A83-41688  
 Integrated task-tailored control augmentation synthesis --- for multi-axis air-to-air tracking  
 [AIAA PAPER 83-2215] p 620 A83-41697  
 An optimal control approach to pilot/vehicle analysis and the Neal-Smith criteria  
 p 687 A83-45462  
 Advanced flight control design techniques and handling quality requirements  
 p 51 N83-10075  
 An adjustment method and engineering realization for control curves of the 2-variable function  
 p 32 N83-11045

- Design and Analysis of a multivariable, digital controller for the A-7D Digital 2 aircraft and the development of an interactive computer design program  
 [AD-A118134] p 53 N83-11144  
 Determination of motion and visual system requirements for flight training simulators  
 [AD-A117555] p 57 N83-11149  
 Design of high-performance tracking systems  
 [AD-A119440] p 147 N83-14102  
 Rotordynamic Instability Problems in High-Performance Turbomachinery  
 [NASA-CP-2250] p 186 N83-15629  
 Performance measures for aircraft carrier landings as a function of aircraft dynamics  
 [AD-A120473] p 206 N83-16334  
 Development and flight test of an active flutter suppression system for the F-4F with stores Part I Design of the active flutter suppression system  
 [AD-A121485] p 288 N83-18746  
 A modular approach to high reliability software generation with application to nonlinear control  
 p 363 N83-22104  
 Flight control system design using robust output observers  
 p 343 N83-22105  
 Development and application of digital control for tactical aircraft flutter suppression  
 p 343 N83-22108  
 Flight test experience with a digital integrated guidance and control system in a CCV fighter aircraft  
 p 343 N83-22110  
 NASA propulsion controls research  
 [NASA-TM-83343] p 458 N83-25711  
 High-gain error actuated flight control systems for continuous linear multivariable plants  
 [AD-A124871] p 462 N83-26848  
 Fixed wing stability and control theory and flight test techniques Revision  
 [AD-A124610] p 546 N83-27999  
 A new approach to reheat control  
 p 543 N83-29268

**CONTROL UNITS (COMPUTERS)**

- Automatic control and data acquisition system for combustion laboratory applications  
 [AD-A125195] p 470 N83-25629

**CONTROL VALVES**

- Computer studies of ACV heave performance as a function of vent valve control parameters  
 p 460 A83-34854  
 Air modulation apparatus --- cooling gas turbine engines  
 [NASA-CASE-LEW-13524-1] p 645 N83-30957  
 Control means for a gas turbine engine  
 [NASA-CASE-LEW-14586-1] p 617 N83-31603

**CONTROLLABILITY**

- In-flight deflection measurement of the HIMAT aeroelastically tailored wing  
 p 189 A83-13167  
 An analytical pilot rating method for highly elastic aircraft  
 p 203 A83-14843  
 A unifying framework for longitudinal flying qualities criteria  
 p 285 A83-24429  
 Brng cohesion to handling-qualities engineering  
 p 434 A83-35772  
 A modified algorithm for determining structural controllability  
 p 480 A83-36455  
 The effects of engine and height-control characteristics on helicopter handling qualities  
 p 619 A83-41078  
 Simulator applications and technology  
 [AIAA PAPER 83-2172] p 630 A83-41667  
 Status of the development of handling criteria for VSTOL transition  
 [AIAA PAPER 83-2103] p 624 A83-41932  
 Comparison of fixed-base and in-flight simulation results for lateral high order systems  
 [AIAA PAPER 83-2105] p 625 A83-41934  
 Handling qualities criteria for STOL flight path control for approach and landing  
 [AIAA PAPER 83-2106] p 625 A83-41935  
 NOTAR - The viable alternative to a tail rotor  
 [AIAA PAPER 83-2527] p 728 A83-48365  
 Criteria for Handling Qualities of Military Aircraft  
 [AD-A118596] p 48 N83-10054

- Present status of flying qualities criteria for conventional aircraft --- military specifications transfer functions  
 p 48 N83-10055  
 Status of VTOL and VSTOL flying qualities criteria development Where are we and where are we going?  
 p 49 N83-10056  
 Equivalent systems criteria for handling qualities of military aircraft  
 p 49 N83-10057  
 Piloted handling qualities design criteria for high order flight control systems  
 p 49 N83-10058  
 Handling qualities of transports with advanced flight control systems  
 p 49 N83-10061  
 Bandwidth A criterion for highly augmented airplanes  
 p 49 N83-10063  
 The status of military helicopter handling qualities criteria  
 p 50 N83-10065  
 The impact of active control on helicopter handling qualities  
 p 50 N83-10066  
 Operational criteria for the handling qualities of combat helicopters  
 p 50 N83-10067  
 Flight experiments with integrated isometric side-arm controllers in a variable stability helicopter  
 p 50 N83-10068  
 Stability and control for high angle of attack maneuvering  
 p 50 N83-10069  
 Experience of non-linear high incidence aerodynamic characteristics  
 p 50 N83-10070  
 Effect of control system delays on fighter flying qualities  
 p 51 N83-10073  
 Advanced flight control design techniques and handling quality requirements  
 p 51 N83-10075  
 Development of handling qualities testing in the 70's  
 A new direction  
 p 51 N83-10077  
 Prediction of aircraft handling qualities using analytical models of the human pilot  
 p 52 N83-10079  
 Hybrid LTA vehicle controllability as affected by buoyancy ratio  
 [NASA-CR-152344] p 204 N83-12099  
 The effects of pilot stress factors on handling quality assessments during US/German helicopter agility flight tests  
 [NASA-TM-84294] p 205 N83-13114  
 A control model for maneuvering flight for application to a computer flight testing program  
 [NLR-MP-81046-U] p 207 N83-17531  
 Criteria for handling qualities of military aircraft  
 [AD-A124222] p 217 N83-17555  
 Throttle handling related to J85 engine performance and durability Canadian forces experience  
 p 541 N83-29249  
 Operational and maintenance aspects of the introduction of an advanced fighter type  
 p 491 N83-29250

**CONTROLLERS**

- Design of error-actuated controllers for multivariable plants with unknown dynamics and unmeasurable outputs --- for automatic control of industrial processes and gas turbine engines  
 p 163 A83-19385  
 Synthesis of C(asterisk)-model reference adaptive flight controller  
 p 287 A83-26559  
 A samarium cobalt motor-controller for mini-RPV propulsion  
 p 336 A83-27187  
 Controller scheduling - A possible algebraic viewpoint  
 p 567 A83-37093  
 Active flutter suppression using eigenspace and linear quadratic design techniques  
 [AIAA PAPER 82-2222] p 621 A83-41702  
 MIMO controller design for longitudinal decoupled aircraft motion --- Multi-Input/Multi-Output  
 [AIAA PAPER 83-2274] p 623 A83-41740  
 Carrier landing simulation results of precision flight path controllers in manual and automatic approach  
 [AIAA PAPER 83-2072] p 592 A83-41909  
 Optimal controller design for a helicopter using its lower order dynamic model  
 [AIAA PAPER 83-2550] p 750 A83-48371  
 Benefits assessment of active control technology and related cockpit technology for rotorcraft  
 [NASA-CR-168406] p 217 N83-17553  
 NASA/RAE collaboration on nonlinear control using the F-8C digital fly-by-wire aircraft  
 [NASA-TM-84296] p 396 N83-23316  
 Active vibration control of large flexible structures  
 p 644 N83-30729  
 Advanced digital controller development program, task 1  
 [AD-A129269] p 749 N83-36034

**CONVECTIVE FLOW**

- Noise generation by a finite span swept airfoil  
 [AIAA PAPER 83-0768] p 366 A83-28023  
 Prediction of natural convection flow pattern in low-aspect ratio enclosures  
 p 561 N83-28364

**CONVECTIVE HEAT TRANSFER**

- A computer model for gas turbine blade cooling analysis  
 [ASME PAPER 82-JPGC-GT-6] p 279 A83-25267

- Profile losses during the release of air onto the surface of nozzle vanes p 418 A83-35590
- Enhancement of heat transfer p 642 A83-42659
- Pressure loss and heat transfer through multiple rows of short pin fins p 642 A83-42709
- CONVERGENCE**
- Relaxation computation of transonic flows around wings with blunt leading-edge and discussion on its stability and convergence p 178 A83-15543
- Evaluation of the effect of vibration nonlinearity on convergence behavior of adaptive higher harmonic controllers [NASA-CR-166424] p 266 N83-18718
- A method for modifying two-dimensional adaptive wind-tunnel walls including analytical and experimental verification [NASA-TP-2081] p 292 N83-18770
- Convergence behavior that controls adaptive wind tunnel walls near the test section in the high angle of attack range [NASA-TM-77006] p 631 N83-30439
- CONVERGENT NOZZLES**
- JT150 1/2-scale nozzle jet noise experiment and comparison with prediction [NASA-TM-83370] p 482 N83-27793
- CONVERGENT-DIVERGENT NOZZLES**
- Internal performance prediction for advanced exhaust systems --- for tactical aircraft p 211 A83-22156
- A static investigation of yaw vectoring concepts on two-dimensional convergent-divergent nozzles [AIAA PAPER 83-1288] p 421 A83-36324
- Subsonic/supersonic aeropropulsive characteristics of nonaxisymmetric nozzles installed on an F-18 model p 744 A83-48215
- Investigation of installation effects of single-engine convergent-divergent nozzles [NASA-TP-2078] p 11 N83-11059
- COOLANTS**
- Flightweight radiantly and actively cooled panel Thermal and structural performance [NASA-TP-2074] p 68 N83-11513
- Curvature effects on the heat transfer performance of three-dimensional film cooling of gas turbine blades [AD-A119729] p 164 A83-14131
- Aerodynamic effect of a honeycomb rotor tip shroud on a 50 8-centimeter-tip-diameter core turbine [NASA-TP-2112] p 215 N83-17547
- COOLERS**
- Preliminary investigation on the performance of regenerative turbofan with inter-cooled compressor and its influence to aircraft p 446 A83-35830
- COOLING**
- An experimental investigation of endwall heat transfer and aerodynamics in a linear vane cascade [ASME PAPER 83-GT-52] p 714 A83-47909
- A comparative study of the influence of different means of turbine cooling on gas turbine performance [ASME PAPER 83-GT-180] p 762 A83-47991
- Light aircraft piston engine carburetor ice detector/warning device sensitivity/effectiveness [AD-A117745] p 38 N83-10041
- Feasibility of water injection into the turbine coolant to permit gas turbine contingency power for helicopter application [NASA-TM-83043] p 166 N83-15307
- Cockpit temperatures and cooling requirements of a packed aircraft [ARL-MECH-ENG-NOTE-388] p 205 N83-16327
- The JT8D and JT9D engine component improvement Performance improvement program [NASA-CR-167965] p 214 N83-17543
- Cooling of gas turbine blades p 282 N83-18735
- Experimental investigation of simulating impingement cooling of concave surfaces of turbine airfoils p 283 N83-18960
- Energy efficient engine sector combustor ng test program [NASA-CR-167913] p 283 N83-19753
- The ARL transonic wind tunnel [ARL/AERO-NOTE-412] p 401 N83-23327
- Early experience in using the Cryogenic Test Facility at RAE Bedford, England p 465 N83-25726
- JT90 thermal barrier coated vanes [NASA-CR-167964] p 536 N83-27993
- Preliminary tests of an advanced high-temperature combustion system [NASA-TP-2203] p 686 N83-33893
- COOLING FINS**
- Pressure loss and heat transfer through multiple rows of short pin fins p 642 A83-42709
- COOLING SYSTEMS**
- Hydraulics of a channel with a linear jet array --- heat transfer coefficient enhancement by transpiration cooling p 298 A83-24049
- A method for ensuring the proper operation of an optical instrument for measuring the temperature of the blades of a high-temperature turbine p 609 A83-42152
- The one-dimensional analysis of fin assembly heat transfer p 643 A83-43365
- Experimental verification of blade cooling systems and comparison with design calculation p 282 N83-18736
- Turbine blade cooling in aeroengines p 282 N83-18739
- The cooling of printed circuit board mounted components using copper ladder heat conduction to a cold wall [RAE-TR-82092] p 560 N83-28326
- Characteristics of a fluted nozzle gas ejector system --- gas turbine exhaust gas cooling systems [AD-A128065] p 702 N83-34241
- COORDINATE TRANSFORMATIONS**
- A computational method for performing the multiblade coordinate transformation p 191 A83-16029
- The use of multiple coordinate systems to form stiffness matrices of thin-walled structures on the basis of hybrid computational schemes p 354 A83-29283
- Conceptual kinematic design using homogeneous coordinate transformations [AIAA PAPER 83-2460] p 768 A83-48337
- COORDINATES**
- Patched coordinate systems --- numerical body-fitted grid generation for surface boundary treatment of aerodynamic structures p 568 A83-38785
- A NASTRAN model of a large flexible swing-wing bomber Volume 4 NASTRAN model development-fuselage structure [NASA-CR-170392-VOL-4] p 154 N83-14110
- A NASTRAN model of a large flexible swing-wing bomber Volume 5 NASTRAN model development-fairing structure [NASA-CR-170392-VOL-5] p 154 N83-14111
- Journal of Engineering Thermophysics (selected articles) [AD-A122037] p 301 N83-18953
- Minimum operational performance standards for airborne area navigation equipment using VOR/DME reference facility sensor inputs [RTCA/DO-180] p 325 N83-22175
- Analytical calculation of a single jet in cross-flow and comparison with experiment p 538 N83-29219
- COPPER**
- Service evaluation of airborne tire pressure indicating systems [DOT/FAA/RD-82/89] p 331 N83-20934
- CORES**
- Experimental investigation of thrust augmenting ejectors using vane excited primary jets [AD-A120424] p 167 N83-15313
- CORNER FLOW**
- Aerodynamic from corner flow and flap flow [AIAA PAPER 81-2039] p 237 A83-19813
- Development of the flow field in streamwise corners at hypersonic speeds and effects of the corner flow on downstream fitted flaps [ESA-TR-583] p 378 N83-24480
- CORNERS**
- Lifetime prediction methods for corner cracks at holes --- in airframe components [NLR-MP-82042-U] p 700 N83-33233
- Fatigue crack growth of corner cracks in lug specimens [VTH-LR-375] p 700 N83-33234
- CORRECTION**
- Time-of-day corrections in measures of aircraft noise exposure p 411 A83-33024
- Influence of parameter changes to stability behavior of rotors p 187 N83-15648
- Improving calculations of wall effects in industrial wind tunnels at ONERA p 348 N83-20968
- The status of two- and three-dimensional testing in the University of Southampton transonic self-streamlining wind tunnel p 349 N83-20971
- CORRELATION**
- Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 2 Program plan, test data and analysis [AD-A119704] p 155 N83-14117
- Correlation problems between flutter flight test data and ground tests/calculation results for a variable sweep wing aircraft p 628 N83-30379
- Synthesis of responses to AGARD-FMP questionnaire on "prediction techniques and flight correlation" p 581 N83-30384
- CORROSION**
- Tnbology p 215 N83-12167
- Development of the utilization of combustible gas produced in existing sanitary landfills Effects of corrosion at the Mountain View, California landfill gas-recovery plant [DE83-001576] p 363 N83-22769
- Reactions of NaCl with gaseous SO<sub>3</sub>, SO<sub>2</sub>, and O<sub>2</sub> [NASA-TM-83423] p 554 N83-29358
- CORROSION PREVENTION**
- Water-displacing organic corrosion inhibitors Their effect on the fatigue characteristics of aluminum alloy bolted joints p 59 A83-12014
- The cleaning of the exterior of the aircraft p 175 A83-14325
- Sealants - Uses in composite structures p 293 A83-23615
- The effect of water displacing corrosion preventives on stress corrosion cracking of aluminum alloy 7075-T651 [ARL-MAT-NOTE-132] p 60 N83-10173
- CORROSION RESISTANCE**
- Ion implanting bearing surfaces for corrosion resistance [ASME PAPER 82-LUB-23] p 209 A83-13512
- A study of the corrosion activity of the fuselage condensate of passenger aircraft p 190 A83-15398
- The corrosion resistance of protective coatings p 223 A83-21454
- Macroencapsulation of electronic circuits p 354 A83-29215
- Improved chromatic acid anodize seal for optimum paint adhesion [SAE PAPER 820603] p 696 A83-45864
- Alloy design for hot corrosion resistance p 757 A83-49482
- A fundamental basis for using the platinum group elements as alloying additions in nickel-base alloys to improve high temperature corrosion p 757 A83-49501
- Erosion of protective compressor coatings [NLR-MP-87067-U] p 228 N83-17716
- CORROSION TESTS**
- The effect of liquid media on the strength of an aluminum-matrix composite p 209 A83-15394
- COST ANALYSIS**
- Some thoughts on the development of computer-based systems --- airborne equipment design to cost p 37 A83-11807
- The Fokker F28 and a four-engined newcomer p 204 A83-21349
- Is LH2 the high cost option for aircraft fuel p 349 A83-27215
- The helicopter preliminary design process p 385 A83-31812
- A comparison of Navy and contractor gas turbine acquisition cost [ASME PAPER 83-GT-198] p 743 A83-48001
- Comparative cost of military aircraft - Fiction versus fact [AIAA PAPER 83-2565] p 711 A83-48378
- Cost functions for airframe production programs [AD-A119788] p 128 N83-14062
- Oceanic Area System Improvement Study (OASIS) Volume 7 North Atlantic region flight cost model results [FAA-EM-81-17-VOL-7] p 201 N83-16319
- Oceanic Area System Improvement Study (OASIS) Volume 8 Central East Pacific region flight cost model results [FAA-EM-81-17-VOL-8] p 201 N83-16320
- Oceanic Area System Improvement Study (OASIS) Volume 9 Flight cost model description [FAA-EM-81-17-VOL-9] p 201 N83-16321
- Engineering and fabrication cost considerations for cryogenic wind tunnel models p 291 N83-18758
- Avionics software support cost model p 335 N83-22147
- Cost analysis of turbine engine warranties [AD-A123034] p 394 N83-23313
- Computer B (National Aerospace System - Automated Radar Terminal Systems) communications support [FAA-FM-83-16] p 407 N83-24742
- A placement model for flight simulators [AD-A123782] p 466 N83-25730
- Army helicopter improvement program's future may depend on success in controlling cost [PB83-168187] p 529 N83-29202
- Cost development of the dual-channel GPS (Global Positioning System) navigator for general aviation application [AD-A127157] p 593 N83-31591
- POM (Program Objective Memorandum) FY-85 BP 1500 cost growth and leadtime adjustments Research results [AD-A128522] p 654 N83-32667
- Historical inflation program A computer program generating historical inflation indices for Army aircraft, revision [AD-A127674] p 654 N83-32677

## COST EFFECTIVENESS

Historical research and development inflation indices for army fixed and rotor winged aircraft  
[AD-A129317] p 713 N83-35993

### COST EFFECTIVENESS

The Aquila - A versatile, cost-effective military tool shows its potential p 192 A83-16399  
The application of a sub-scale flight demonstrator as a cost effective approach to aircraft development p 328 A83-29395  
A cost effective quick-response test station p 398 A83-32927  
Flight development and certification - How efficient can it be? p 387 A83-32929  
Cost effective performance restoration of high by-pass engines p 447 A83-35833  
NGT sub-scale flight demonstrator - A cost-effective approach to aircraft development --- Next Generation Trainer p 517 A83-37952  
[SAE PAPER 821341]  
Designing for supportability and cost effectiveness [AIAA PAPER 83-2499] p 712 A83-49586  
Summary Proceedings of the Future Navigation Systems Planning Conference [AD-A128717] p 724 N83-34932

### COST ESTIMATES

The cost definition phase of a new commercial aircraft programme p 242 A83-24425  
A critical look at the development and application of airframe cost models [SAE PAPER 1478] p 603 A83-43747  
Cost functions for airframe production programs [AD-A119788] p 128 N83-14062  
Transonic cryogenic test section for the Goettingen Tube Facility [NASA-TM-77050] p 401 N83-23328  
Development and production cost estimating relationships for aircraft turbine engines [AD-A123753] p 459 N83-25714  
Army helicopter improvement program's future may depend on success in controlling cost [PB83-168187] p 529 N83-29202  
Cost development of the dual-channel GPS (Global Positioning System) navigator for general aviation application [AD-A127157] p 593 N83-31591  
Historical inflation program A computer program generating historical inflation indices for Army aircraft, revision [AD-A127674] p 654 N83-32677  
The USRA workshop report Electrostatic fog dispersal [NASA-CR-170802] p 704 N83-34514

### COST REDUCTION

Fuel-optimal aircraft trajectories with fixed arrival times p 191 A83-16115  
USAF's design guide coming out next month p 239 A83-20647  
Will technology make the helicopter competitive p 204 A83-21574  
Fabrication of aircraft components using prepreg broadgoods layed-up in the flat and subsequently formed - Cost benefits and resource utilization enhancements p 241 A83-23602  
Cost factors and approach methodology in selecting structural materials and manufacturing technologies [AIAA 83-0791] p 368 A83-29730  
Benefits of mission profile testing p 405 A83-31481  
Reducing the cost for airborne instrumentation hardware testing p 398 A83-32928  
Structural members made of high-strength cast aluminum and their properties --- and reduction of aircraft production costs p 468 A83-33954  
B-1B manufacturing - Rockwell management plan saving costs, time p 490 A83-40331  
Reengineering the key to aircraft renewal [AIAA PAPER 83-1372] p 675 A83-45514  
Tried and proven engine technology A vital key to improving airline economics [PNR-90112] p 44 N83-11134  
Aircraft thrust/power management can save defense fuel, reduce engine maintenance costs, and improve readiness [GAO/PLRD-82-74] p 139 N83-14074  
Development and demonstration of economic production systems in airframe construction p 658 N83-32709  
Additionally compressed titanium fine cast components p 692 N83-32713

### COSTS

The airline facing the present crisis p 320 N83-22180

### COUNTER ROTATION

Development of counter-rotating intershaft support bearing technology --- for aircraft gas turbine engines p 392 A83-32587

Design analysis of a self-acting spiral-groove ring seal for counter-rotating shafts --- o ring seals [AIAA PAPER 83-1134] p 474 A83-36239  
Super choppers --- helicopters with counter rotating rotors p 521 A83-38700  
Counter-rotation propellers - A feasibility study p 683 A83-44874

Technology and benefits of aircraft counter rotation propellers [NASA-TM-82983] p 44 N83-11129

Design analysis of a self-acting spiral-groove ring seal for counter-rotating shafts --- o ring seals [NASA-TM-83346] p 393 N83-23306

### COUNTING

Statistical review of counting accelerometer data for Navy and Manne fleet aircraft [AD-A124966] p 443 N83-26834  
The analysis of load-time histories by means of counting methods --- helicopter performance prediction [NLR-MP-82039-U] p 679 N83-32799

### COUPLING

Service evaluation of airborne tire pressure indicating systems [DOT/FAA/RD-82/89] p 331 N83-20934

### COUPLINGS

Instabilities of geared couplings Theory and practice p 187 N83-15634

### COVARIANCE

Digital calculation of the propagation in time of the aircraft gust response covariance matrix [VTH-LR-266] p 48 N83-10053

### COVERINGS

Tip cap for a rotor blade [NASA-CASE-LEW-13654-1] p 164 N83-14129  
The use of vortex generators as inexpensive compressor casing treatment p 459 N83-26798  
Electrical resistance testing of antistatic bench and floor surface material after laying [AD-A125423] p 548 N83-28007  
The lightning spark barrier p 647 N83-31241

### COWLINGS

A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 1 [NASA-CR-159379] p 191 N83-16288  
A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 2 [NASA-CR-159380] p 191 N83-16289  
Drag of axisymmetric cowls at zero incidence for subsonic Mach numbers [ESDU-81024] p 664 N83-32760

### CRACK GEOMETRY

An enhancement for the ultrasonic test bed to inspect engine disk bolt holes p 214 A83-15160  
Analysis and repair of flaws in thick structures p 230 A83-21654  
An alternating method for analysis of surface-flawed aircraft structural components p 354 A83-28966  
Determination of zones of crack distribution in flexible specimens --- of aluminum alloys p 551 A83-39509

### CRACK INITIATION

An alternating method for analysis of surface-flawed aircraft structural components p 354 A83-28966  
Turbine blade nonlinear structural and life analysis p 33 A83-29024  
Fatigue crack initiation and propagation in several nickel-base superalloys at 650 C p 634 A83-41199  
A critical commentary on magnetic particle inspection p 694 A83-43829  
Detection of cracks under installed fasteners in aircraft structures p 697 A83-46769  
Analysis of a turbine rotor containing a transverse crack at Oak Creek Unit 17 p 186 N83-15632  
Equivalent damage A critical assessment [NASA-CR-167874] p 214 N83-17542  
TPE331/T76 turboprop propulsion engine durability [AD-A122962] p 394 N83-23314  
NDI of fibre reinforced composite materials p 636 N83-30534  
Discussion of the short crack effect in airframe materials and components p 680 N83-34110

### CRACK PROPAGATION

The use of composite patches for repair of aircraft structural parts p 3 A83-12968  
Develop in-flight acoustic emission monitoring of aircraft to detect fatigue crack growth p 195 A83-15197  
Establishing signal processing and pattern recognition techniques for inflight discrimination between crack-growth acoustic emission and other acoustic waveforms p 214 A83-15198  
Characterization of NDE reliability p 214 A83-15211  
Practical application of a model for fatigue damage with irregular cyclic loading p 224 A83-21757

## SUBJECT INDEX

An improved methodology for predicting random spectrum load interaction effects on fatigue crack growth p 224 A83-21802  
The lateral buckling-fracture stability of thin-sheet structural components with deep cracks p 298 A83-24648  
The effect of anisotropy, thickness, and operating time on the crack growth in pressed and rolled products of D16chT and V95pcht1 alloys p 350 A83-28478  
On the effect of residual stresses on crack growth from a hole [AIAA 83-0840] p 355 A83-29747  
Improved damage-tolerance analysis methodology [AIAA 83-0863] p 355 A83-29751  
Statistical crack propagation in fastener holes under spectrum loading [AIAA 83-0808] p 356 A83-29808  
The residual strength of prefabricated structures made of pressed panels of D16chT alloy and its modifications p 406 A83-32075  
Residual life prediction for jet engine rotor disks at elevated temperature p 472 A83-33974  
The effect of microstructure on the fatigue behavior of Ni base superalloys p 469 A83-36166  
Life prediction for turbine engine components p 474 A83-36174  
LCC evaluation of advanced engine damage tolerance goals for a hot-section disk --- in aircraft engines [AIAA PAPER 83-1407] p 456 A83-36396  
A model for determining the reliability of an aircraft wing structure p 557 A83-37638  
Investigation of the fatigue and crack propagation properties of X7091-7TE69 extrusion p 550 A83-37836  
Influence of overloads and block loading sequences on mode III fatigue crack propagation in A469 rotor steel p 551 A83-39075  
Fatigue crack initiation and propagation in several nickel-base superalloys at 650 C p 634 A83-41199  
A crack growth fatigue life under spectrum loading p 643 A83-43692  
Detection of cracks under installed fasteners in aircraft structures p 697 A83-46769  
Observation of damage growth in compressively loaded laminates p 692 A83-46810  
Green's function solution and applications for cracks emanating from a circular hole in an infinite sheet p 764 A83-49599  
Acoustic-emission monitoring of steam turbines [DE82-904663] p 73 N83-10887  
Practical applications of fracture mechanics in aircraft and aerospace structural problems [AD-A118321] p 68 N83-11520  
Improved methods for predicting spectrum loading effects Volume 1 Technical summary [AD-A118295] p 68 N83-11521  
Improved methods for predicting spectrum loading effects Volume 1 Technical summary [AD-A118856] p 193 N83-12077  
Improved methods for predicting spectrum loading effects Volume 2 Test data [AD-A118857] p 193 N83-12078  
A users manual for a detailed level fatigue crack growth analysis computer code Volume 1 The CRKGRO program [AD-A118968] p 184 N83-14530  
A user's manual for a computer program to predict fatigue crack growth on flight-by-flight basis (FLTGRO) [AD-A118965] p 184 N83-14531  
Revised Structural Technology Evaluation Program (STEP) user's manual for structural synthesis [AD-A118964] p 184 N83-14532  
Shaft vibrations in turbomachinery excited by cracks p 187 N83-15635  
The fatigue crack growth under variable amplitude loading in built-up structures [AD-A119784] p 187 N83-15676  
TPE331/T76 turboprop propulsion engine durability [AD-A122962] p 394 N83-23314  
The effect of sheet thickness and laminating on the fatigue resistance of the aluminum alloy AL 7010 - T 73651 [NLR-TR-81056-U] p 403 N83-23421  
Properties of thick sheets of 2124 T351 alloy [SNIAS-822-111-109] p 404 N83-23423  
Accelerated corrosion testing [AD-A125639] p 553 N83-28211  
Some considerations on short crack growth behaviour in aircraft structures [AGARD-R-696] p 646 N83-31061  
Evaluation of small cracks in airframe structures p 646 N83-31062  
Lifetime prediction methods for corner cracks at holes --- in airframe components [NLR-MP-82042-U] p 700 N83-33233



- Fatigue crack growth of corner cracks in lug specimens  
[VTH-LR-375] p 700 N83-33234
- Mechanics and physics of the growth of small cracks  
p 700 N83-34096
- An assessment of the importance of small crack growth to aircraft design p 680 N83-34098
- Use of small crack data to bring about and quantify improvements to aircraft structural integrity p 680 N83-34099
- Probabilistic fracture mechanics analysis methods for structural durability p 701 N83-34104
- A study of small crack growth under transport spectrum loading p 701 N83-34108
- Small cracks in large forgings p 701 N83-34109
- Discussion of the short crack effect in airframe materials and components p 680 N83-34110
- CRACKING (CHEMICAL ENGINEERING)**
- Refining of military jet fuels from shale oil Volume 3, part 2 Above ground shale oil process data  
[AD-A128635] p 758 N83-35162
- Refining of military jet fuels from shale oil, part 2, volume 2 (in situ shale oil process data)  
[AD-A129031] p 759 N83-36248
- CRACKING (FRACTURING)**
- Practical application of fracture mechanics p 230 A83-21799
- Procedure for application of boron-fibre reinforced plastic patch to the Mirage lower wing skin fuel decant region  
[AD-A119545] p 177 N83-14173
- Creep and fatigue interactions in a nickel base superalloy p 234 N83-17903
- TPE331/1776 turboprop propulsion engine durability  
[AD-A122962] p 394 N83-23314
- Flight systems safety program  
[DE82-021833] p 413 N83-25529
- CRACKS**
- Analysis of bonded repairs to damaged fibre composite structures p 209 A83-13200
- NDE of fastener hole cracks by the electric current perturbation method p 214 A83-15192
- The effect of stringers on the stress-strain state near a hole or crack in an anisotropic plate p 556 A83-37516
- Rotordynamic Instability Problems in High-Performance Turbomachinery  
[NASA-CP-2250] p 186 N83-15629
- Fatigue threshold and short crack significance for aircraft  
[NLR-MP-82007-U] p 234 N83-17902
- Behaviour of Short Cracks in Airframe Components  
[AGARD-CP-328] p 700 N83-34095
- Mechanics and physics of the growth of small cracks p 700 N83-34096
- CRASH INJURIES**
- Correlation and assessment of structural airplane crash data with flight parameters at impact  
[NASA-TP-2083] p 183 N83-14521
- Evaluation of the efficiency of helicopter antirash seats using a horizontal acceleration bench and a simulated crash p 250 N83-19444
- CRASH LANDING**
- Studies on an acceleration platform and at the time of a simulated crash of helicopter antirash seats p 197 A83-22976
- Crashing for safety p 378 A83-31588
- Status of FAA crash dynamics program - Transport category aircraft p 507 A83-38002
- [SAE PAPER 821483] p 687 A83-44880
- The Jetstar overrun at Luton p 687 A83-44880
- Correlation of flammability test data of antimisting fuels  
[FAA-CT-82-29] p 352 N83-22441
- CRASHES**
- Crash tests of four low-wing twin-engine airplanes with truss-reinforced fuselage structure  
[NASA-TP-2070] p 87 N83-10442
- Assessment of crash fire hazard of LH sub 2 fueled aircraft p 16 N83-11095
- [NASA-CR-165525] p 211 N83-12246
- Antimisting kerosene atomization and flammability  
[NASA-CR-169385] p 211 N83-12246
- Correlation and assessment of structural airplane crash data with flight parameters at impact  
[NASA-TP-2083] p 183 N83-14521
- Instrumentation requirements for assessing occupant response to three dimensional high acceleration environments p 302 N83-19434
- An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 5 Some analyses of the post crash fire scenario  
[PB83-113555] p 251 N83-19730
- Computer simulation of an aircraft seat and occupant in a crash environment, volume 1  
[FAA-CT-82-33-1 VOL-1] p 319 N83-22171
- Computer simulation of an aircraft seat and occupant in a crash environment, Volume 2 Program SOM-LA user manual  
[FAA-CT-82-33-2 VOL-2] p 319 N83-22172
- Crash tests of three identical low-wing single-engine airplane  
[NASA-TP-2190] p 720 N83-34921
- CRASHWORTHINESS**
- An efficient triangular plate bending finite element for crash simulation p 64 A83-12755
- Application of the nonlinear finite element method to crashworthiness analysis of aircraft seats p 318 A83-29855
- [AIAA 83-0929] p 378 A83-31588
- Crashing for safety p 378 A83-31588
- Status of FAA crash dynamics program - Transport category aircraft p 507 A83-38002
- [SAE PAPER 821483] p 687 A83-44880
- Aircraft crashworthiness in the United States - Some legal and technical parameters p 572 A83-39044
- Analysis of aircraft dynamic behavior in a crash environment p 674 A83-43866
- Composite helicopter structure tested for crashworthiness p 675 A83-44875
- Aircraft crashworthiness and the manufacturer's tort liability in the United States p 707 A83-45808
- Safe structures for future aircraft p 676 A83-46350
- Crash tests of four low-wing twin-engine airplanes with truss-reinforced fuselage structure p 87 N83-10442
- [NASA-TP-2070] p 188 N83-17490
- Human Factors Aspects of Aircraft Accidents  
[AD124287] p 188 N83-17490
- The influence of handling qualities, crashworthiness and other engineering factors on aircraft safety p 188 N83-17493
- Impact behavior of fibrous composition and metal substructures p 296 N83-18858
- [AD-A121618] p 249 N83-19438
- The US Navy approach to crashworthy seating systems p 250 N83-19443
- Recent improvements in crash restraint in UK helicopters p 250 N83-19443
- Analytical modeling of transport aircraft crash scenarios to obtain floor pulses p 381 N83-24488
- [NASA-CR-166089] p 381 N83-24489
- Crash injury protection in survivable air transport accidents United States civil aircraft experience from 1970 through 1978 (incomplete)  
[FAA-CT-82-118] p 381 N83-24489
- YAH-63 helicopter crashworthiness simulation and analysis p 510 N83-27970
- [AD-A125642] p 527 N83-27980
- Structural response of transport airplanes in crash situations p 564 N83-29733
- [NASA-TM-85654] p 564 N83-29733
- Advanced structures technology and aircraft safety p 669 N83-33864
- [NASA-TM-85664] p 669 N83-33864
- Air transportable AS32/P-4 crash rescue vehicle  
[AD-A128068] p 669 N83-33864
- CRATERS**
- Feasibility of computing residual displacements in runways and crater repairs p 208 N83-12105
- [AD-A118810] p 175 N83-15288
- Evaluation of the pilot papers from the Spring 1981 SMP Meeting p 175 N83-15288
- CREEP RUPTURE STRENGTH**
- Creep and fatigue interactions in a nickel base superalloy p 234 N83-17903
- [NLR-MP-82003-U] p 234 N83-17903
- The effects of small deformation on creep and stress rupture of ODS superalloys p 553 N83-28212
- [AD-A125640] p 553 N83-28212
- CREEP STRENGTH**
- Fatigue and creep considerations in the design of turbine components p 230 A83-21461
- The interaction of high temperature corrosion and mechanical properties of alloys p 224 A83-21470
- Physical properties data compilations relevant to energy storage Part 5 Mechanical properties data on alloys for use in flywheels  
[PB82-232919] p 296 N83-18904
- CREW STATIONS**
- Space-station crew-safety requirements p 467 A83-36408
- USAF Bioenvironmental Noise Data Handbook Volume 156 HH-1N In-flight Crew Noise  
[AD-A122601] p 368 N83-23118
- CRITERIA**
- Criteria for optimizing starting cycles for high performance fighter engines p 450 A83-36236
- [AIAA PAPER 83-1127] p 48 N83-10054
- Criteria for Handling Qualities of Military Aircraft  
[AD-A118596] p 48 N83-10054
- Status of VTOL and VSTOL flying qualities criteria development. Where are we and where are we going? p 49 N83-10056
- Equivalent systems criteria for handling qualities of military aircraft p 49 N83-10057
- Bandwidth A criterion for highly augmented airplanes p 49 N83-10063
- CRITICAL LOADING**
- A model for determining the reliability of an aircraft wing structure p 557 A83-37638
- Residual strength predictions for ballistically damaged aircraft p 641 A83-42540
- Overall buckling of specially orthotropic Z-stiffened panels Part 1 Theory  
[VTH-LR-351-PT-1] p 69 N83-11526
- CRITICAL PRESSURE**
- The effect of supercritical pressure gradients on heat transfer in turbine nozzle cascades p 614 A83-42140
- CRITICAL VELOCITY**
- Nonlinear forced oscillations of a rotating shaft carrying an unsymmetrical rotor at the major critical speed p 228 A83-20288
- On the critical speed of empennage flutter with allowance for the rudder p 340 A83-29286
- Definition of forces on turbomachinery rotors Task B report. Dynamic analysis of rotors  
[NASA-CR-170763] p 395 N83-24507
- CROP DUSTING**
- Putting the microlight to work p 241 A83-23686
- NASA wake interactions research and applications  
[SAE PAPER 830764] p 580 A83-43329
- CROSS CORRELATION**
- Crab angle estimation with two dimensional cross correlations and centroids  
[AD-A122872] p 382 N83-23289
- CROSS COUPLING**
- Effects of finite wire scatterers in the field of VOR p 144 A83-19039
- Multivariable approach to the problem of structural cross coupling of force feedback electrohydraulic actuators -- for structural testing of aircraft and their components p 287 A83-26601
- A comparison of analytical techniques for predicting stability boundaries for some types of aerodynamic or cross-coupling nonlinearities p 51 N83-10071
- CROSS FLOW**
- A study of transverse turbulent jets in a cross flow -- for gas turbine combustion process modelling p 42 A83-13100
- Prediction of liquid fuel spray capture by v-gutter downstream of plain orifice injector under uniform cross air-flow p 160 A83-16559
- [AIAA PAPER 83-0153] p 136 A83-18404
- Aerodynamic estimation techniques for aerostats and airships p 136 A83-18404
- Surface pressures induced on a flat plate with in-line and side-by-side dual jet configurations p 500 A83-38677
- [AIAA PAPER 83-1849] p 500 A83-38677
- An assessment of factors affecting prediction of near-field development of a subsonic VSTOL jet in cross-flow p 441 N83-25699
- [AD-A124583] p 562 N83-29217
- Influence of a large free stream disturbance level on dynamics of a jet in a cross flow p 562 N83-29217
- Analytical calculation of a single jet in cross-flow and comparison with experiment p 538 N83-29219
- Stagnation region gas film cooling Effects of dimensionless coolant temperature  
[NASA-CR-168197] p 645 N83-30960
- CRUCIFORM WINGS**
- Application of the Carafoli method to the supersonic flow around a cruciform wing p 7 A83-10581
- Subsonic rolling moments for wing roll control of a cruciform missile model p 285 A83-24876
- CRUDE OIL**
- Jet fuels based on West Siberian oils p 403 A83-32077
- Aviation turbine fuels An assessment of alternatives  
[NASA-CR-169395] p 60 N83-10214
- CRUISE MISSILES**
- Strapdown inertial performance needed for the 1990s p 19 A83-11127
- Cruise missile propulsion versus commercial airliner propulsion - Different challenges can produce similar engine cycles p 451 A83-36261
- [AIAA PAPER 83-1176] p 33 N83-11119
- Air launched cruise missile Logistics planning problems and implications for other weapons systems  
[AD-A118129] p 33 N83-11119
- Prelaunch survivability of Ground Launched Cruise Missile (GLCM) Volume 3 SAVAGE code version 1.0 user's guide  
[AD-A119023] p 155 N83-14113
- Investigation of the feasibility of a helicopter-launched cruise missile system  
[DE82-008623] p 332 N83-20940

## CRUISING FLIGHT

- Fuel-optimal aircraft trajectories with fixed arrival times  
p 191 A83-16115
- A comparison of trim drag for conventional and supercritical wings  
[AIAA PAPER 83-0094] p 131 A83-16518
- Measurements and predictions of turbo-prop noise at high cruise speed  
[AIAA PAPER 83-0689] p 365 A83-28008
- Application of maximum likelihood estimation to the identification of the stability derivatives of a wide body transport aircraft  
p 460 A83-35121
- Optimal mass distribution between the stages of a two-stage aircraft for maximization of the flight cruise range  
p 516 A83-37267
- Effects of nacelle position and shape on performance of subsonic cruise aircraft  
[AIAA PAPER 83-1124] p 519 A83-38079
- Intensity of focused sonic booms in straight flight at constant altitude  
p 571 A83-39424
- Fuel conservation techniques in jet transport aircraft operations  
p 198 A83-17463
- Minimum-fuel turning climbout and descent guidance of transport jets  
[NASA-TM-84289] p 217 A83-17552
- HIMAT highly maneuverable aircraft technology, flight report  
[NASA-CR-170245] p 388 A83-23294
- A preliminary comparison between the SR-6 propeller noise in flight and in a wind tunnel  
[NASA-TM-83341] p 412 A83-24287
- A fuel-efficient cruise performance model for general aviation piston engine airplanes  
[NASA-CR-172188] p 686 A83-33891
- CRYOGENIC COOLING**  
Practical problems of design and manufacture of a 2-D model and of the device for its cooling and introduction into the T2 pressurized cryogenic intermittent tunnel  
[ONERA, TP NO 1982-88] p 206 A83-14540
- CRYOGENIC EQUIPMENT**  
Application of dynamic gas bearings to cryogenic compressors and turbines  
p 185 A83-15540
- Transonic cryogenic test section for the Goettingen Tube Facility  
[NASA-TM-77050] p 401 A83-23328
- Early experience in using the Cryogenic Test Facility at RAE Bedford, England  
p 465 A83-25726
- CRYOGENIC FLUID STORAGE**  
Possible safety hazards associated with the operation of the 0.3-m transonic cryogenic tunnel at the NASA Langley Research Center  
[NASA-CR-166026] p 174 A83-14140
- CRYOGENIC ROCKET PROPELLANTS**  
Possible safety hazards associated with the operation of the 0.3-m transonic cryogenic tunnel at the NASA Langley Research Center  
[NASA-CR-166026] p 174 A83-14140
- CRYOGENIC WIND TUNNELS**  
Feasibility study on strain gauge balances for cryogenic wind tunnels at ONERA  
[ONERA, TP NO 1982-87] p 206 A83-14539
- Practical problems of design and manufacture of a 2-D model and of the device for its cooling and introduction into the T2 pressurized cryogenic intermittent tunnel  
[ONERA, TP NO 1982-88] p 206 A83-14540
- Thermal behavior and insulation of a cryogenic wind tunnel  
[ONERA, TP NO 1982-89] p 173 A83-18427
- Cryogenic wind tunnels for high Reynolds number testing  
p 398 A83-32175
- Cryogenic-wind tunnel technology - A way to measurement at higher Reynolds numbers  
p 689 A83-46484
- Status report on the European Transonic Wind Tunnel and on the Cologne Cryotunnel  
p 752 A83-47207
- Development of a six-component weighing device for cryogenic applications  
p 752 A83-47208
- Sensitivity analysis of cool-down strategies for a transonic cryogenic tunnel  
[NASA-TM-84527] p 56 A83-10082
- Flow visualization in a cryogenic wind tunnel using holography  
[NASA-TM-84556] p 217 A83-12395
- Design and manufacture of a transonic wind tunnel model and the investigation of model components under cryogenic flow conditions in the European transonic wind tunnel  
[BMFT-FB-W-82-015] p 181 A83-13078
- Image degradation in Langley 0.3 meter transonic cryogenic tunnel  
[NASA-TM-84550] p 219 A83-13419
- Possible safety hazards associated with the operation of the 0.3-m transonic cryogenic tunnel at the NASA Langley Research Center  
[NASA-CR-166026] p 174 A83-14140

- Development of the design concepts for a medium-scale wind tunnel magnetic suspension system  
[NASA-CR-166042] p 176 A83-15320
- Cryogenic Wind Tunnel Models Design and Fabrication  
[NASA-CP-2262] p 290 A83-18748
- Model systems criteria  
p 291 A83-18749
- Analytical methods with application to the Pathfinder 1 model  
p 291 A83-18753
- Engineering and fabrication cost considerations for cryogenic wind tunnel models  
p 291 A83-18758
- Strain gage balances and buffet gages  
p 292 A83-18766
- NTF model pressure measurements  
p 292 A83-18768
- Parameter and design studies for the use of wind tunnel models in the ETW  
[MBB/FE123/S/PUB/83] p 402 A83-24518
- High Reynolds number tests of the CAST 10-2/DOA 2 airfoil in the Langley 0.3-meter transonic cryogenic tunnel, phase 1  
[NASA-TM-84620] p 424 A83-25660
- Condensation studies in cryogenic nitrogen expansions  
p 465 A83-25720
- Temperature response of a model to set-point changes and conditioning in ETW  
p 465 A83-25721
- Materials and modelling technology for cryogenic environment  
p 465 A83-25723
- Problems involved by the instrumentation and the conception of cryogenic tests  
p 465 A83-25725
- Studies on the cryogenic induction driven wind-tunnel T2  
p 548 A83-28004
- Development of a cryogenic wind-tunnel balance  
[KB-TE 1-1173] p 632 A83-31611
- CRYOGENICS**  
Dimensional stability considerations for cryogenic metals  
p 291 A83-18759
- Metallic alloy stability studies  
p 292 A83-18760
- Design and construction of 2 transonic airfoil models for tests in the NASA Langley C 3-M TCT  
[NASA-TM-85325] p 401 A83-23326
- Development of a non-insulated cryogenic strain-gauge balance  
[M TP-82-006-U] p 402 A83-24520
- Study of LH2-fueled topping cycle engine for aircraft propulsion  
[NASA-TM-83466] p 746 A83-34942
- CRYSTAL DISLOCATIONS**  
Creep and fatigue interactions in a nickel base superalloy  
[NLR MP-82003-U] p 234 A83-17903
- CRYSTAL GROWTH**  
Isothermal gradient heat-pipes space furnace (500 to 1000 deg C)  
p 633 A83-31659
- CRYSTALLOGRAPHY**  
Discussion of the short crack effect in airframe materials and components  
p 680 A83-34110
- CUES**  
Improved g-cueing system --- for motion simulation in combat pilot training simulators  
p 53 A83-10178
- Old problem/new solutions Motion cueing algorithms revisited  
[AIAA PAPER 83-1082] p 480 A83-36223
- Motion/visual cueing requirements for vortex encounters during simulated transport visual approach and landing  
[NASA-TP-2136] p 333 A83-22192
- CULTURE (SOCIAL SCIENCES)**  
Transportation Energy Conservation Through Land Use Planning  
[PB83-148387] p 475 A83-25919
- CUMULATIVE DAMAGE**  
Cumulative damage and life-estimations in fatigue  
p 64 A83-12660
- Application of fatigue strength analysis to the evaluation of the consequences of local damage and the effects of wing shell repairs III - An example of the application of fatigue-strength analysis using a specific fatigue wear  
p 213 A83-14620
- Improved damage-tolerance analysis methodology  
[AIAA 83-0863] p 355 A83-29751
- Titanium fan disc Structural Life Prediction/Correlation program  
[SAE PAPER 821437] p 557 A83-37985
- Enhanced aircraft structural maintenance using organic depot damage tolerance analysis  
[AIAA PAPER 83-2450] p 710 A83-48333
- Damage tolerance - of aircraft  
[SNIAS-831-551-103] p 679 A83-32800
- The role of a fatigue damage accumulation plot in structural loads data analysis --- for aircraft  
[RAE-TR-82125] p 700 A83-33214
- CURING**  
Manufacturing processes for aeronautical structures  
p 227 A83-17620

## CURVATURE

- Curvature transitions of composite curves and surfaces  
- Questions regarding details of computer-aided design  
--- German thesis p 235 A83-20398
- Introduction to film cooling, three dimensional film cooling, curvature effects and film cooling  
p 301 A83-18731
- CURVE FITTING**  
Complex combined curve design and fitting - A B-spline multiple knot method  
p 651 A83-43699
- CURVED BEAMS**  
Design, analysis and test of composite curved frames for helicopter fuselage structure  
[AIAA 83-1005] p 356 A83-29805
- CURVES (GEOMETRY)**  
An adjustment method and engineering realization for control curves of the 2-variable function  
p 32 A83-11045
- User's manual for master Modeling of aerodynamic surfaces by 3-dimensional explicit representation --- input to three dimensional computational fluid dynamics  
[NASA-CR-166056] p 236 A83-18304
- Lunate-tail swimming propulsion as a problem of curved lifting line in unsteady flow 1 Asymptotic theory  
[USCAE-139] p 561 A83-28377
- Adaptation of pultrusion to the manufacture of helicopter components  
[AD-A126291] p 491 A83-29171
- CUSHIONS**  
Effectiveness of seat cushion blocking layer materials against cabin fires  
[SAE PAPER 821484] p 507 A83-38003
- The optimization of aircraft seat cushion fire-blocking layers Full Scale Test description and results  
[NASA-CR-166418] p 16 A83-11097
- Application of dynamic gas bearings to cryogenic compressors and turbines  
p 185 A83-15540
- CUTTERS**  
Slack wire strike protection concepts  
[AD-A118827] p 184 A83-12056
- Verification testing of a UH-1 Wire Strike Protection System (WSPS)  
[AD A122220] p 250 A83-19725
- Verification testing of an AH-1S Wire Strike Protection System (WSPS)  
[AD-A123188] p 429 A83-25684
- CUTTING**  
Evaluation of three state-of-the-art water-jet systems for cutting/removing concrete  
[AD-A123579] p 407 A83-24732
- Explosively activated egress area  
[NASA-CASE-LAR-12624-1] p 713 A83-35992
- CV-990 AIRCRAFT**  
Convair 990 transonic flow-field simulation about the forward fuselage  
[AIAA PAPER 83-1785] p 496 A83-38626
- CYCLIC LOADS**  
Practical application of a model for fatigue damage with irregular cyclic loading  
p 224 A83-21757
- The effect of anisotropy, thickness, and operating time on the crack growth in pressed and rolled products of D16chT and V95pchT1 alloys  
p 350 A83-28478
- On the effect of residual stresses on crack growth from a hole  
[AIAA 83 0840] p 355 A83-29747
- The use of a structural model for determining the adaptability curve for turbine disks in stress concentration zones  
p 445 A83-35039
- Life estimation methods of gas turbine rotating components  
p 449 A83-35870
- Influence of overloads and block loading sequences on mode III fatigue crack propagation in A469 rotor steel  
p 551 A83-39075
- The strength of GTE structural elements under low-cycle loading  
p 615 A83-42877
- Creep and fatigue interactions in a nickel base superalloy  
[NLR-MP-82003-U] p 234 A83-17903
- The biparametric cycle count method and the principle of simplification  
p 698 A83-32730
- Durability of propeller shaft interference fits under variable cyclic loading --- ship propellers during storms  
[DRIC T-6880] p 684 A83-32803
- Simplified method for nonlinear structural analysis  
[NASA-TP-2208] p 703 A83-34372
- CYLINDRICAL BODIES**  
Calculation of the depth and hardness of the carburization layer of cylindrical parts --- for aircraft engines  
p 350 A83-29282
- Computation of aerodynamic forces on bodies with non circular cross-section in supersonic viscous flow  
[AIAA PAPER 83-2077] p 660 A83-45519
- NASA LeRC/Akron University Graduate Cooperative Fellowship Program and Graduate Student Researchers Program  
[NASA-CR-167943] p 74 A83-10970

- Algorithm for Surface of Translation Attached Radiators (A-STAR) Volume 1 Formulation of the analysis [AD-A118459] p 217 N83-12318
- Computation of incompressible potential flow over an airfoil using a high order aerodynamic panel method based on circular arc panels [AD-A124896] p 428 N83-26825
- Radiation of sound from unflanged cylindrical ducts [NASA-CR 172171] p 705 N83-33591

**CYLINDRICAL CHAMBERS**

- Vortex motion in axisymmetric piston-cylinder configurations [NASA-TM-85404] p 765 N83-35318

**CYLINDRICAL SHELLS**

- Theoretical and experimental evaluation of transmission loss of cylinders --- as idealized aircraft fuselages p 237 A83-19808

**D****D-558 AIRCRAFT**

- Flutter clearance of the horizontal tail of the Bellanca Skyrocket II airplane [NASA-TM 84528] p 31 N83-10035

**DAMAGE**

- Damage tolerant design using collapse techniques p 695 A83-45591
- Fatigue threshold and short crack significance for aircraft [NLR-MP 82007-U] p 234 N83-17902
- Damage tolerance of fibre composite laminates p 636 N83-30533
- Lightning interaction with USAF aircraft p 587 N83-31214
- A preliminary damage tolerance methodology for composite structures p 693 N83-33959
- Safe-life and damage-tolerant design approaches for helicopter structures p 693 N83-33961

**DAMAGE ASSESSMENT**

- Improved fault detection in the hot section of turbojet engines by individual monitoring procedures p 210 A83-19666
- Analysis of target coverage for an unstabilized 35 mm panoramic strike camera p 231 A83-22596
- Improved fatigue life tracking procedures for Navy aircraft structures [AIAA 83-0805] p 334 A83-29807
- LCC evaluation of advanced engine damage tolerance goals for a hot-section disk --- in aircraft engines [AIAA PAPER 83-1407] p 456 A83-36396
- Method of thermodynamic function control and of damage analysis regarding aircraft engines with the aid of flight data recording systems --- German thesis p 613 A83-41850
- Battle damage and repair of an advanced composite A 7 outer wing p 575 A83-42547
- EAGLE/DTA - A life cycle cost model for damage tolerance assessment -- Engine/Aircraft Generalized Life cycle cost Evaluator [ASME PAPER 83-GT-76] p 739 A83-47929
- The effect of damage in structural elements on the ground resonance of a helicopter p 731 A83-49446
- Evaluation of a damage accumulation monitoring system as an individual aircraft tracking concept [AD-A118768] p 193 N83-12076
- Wind-tunnel studies of the effects of simulated damage on the aerodynamic characteristics of airplanes and missiles [NASA-TM 84588] p 138 N83-15266
- Response sensitivity of typical aircraft jet engine fan blade-like structures to bird impacts [AD-A119974] p 166 N83-15310
- Equivalent damage A critical assessment [NASA-CR-167874] p 214 N83-17542
- Analysis of progressive collapse of complex structures [AD-A125266] p 478 N83-27260
- Automated design of damage resistant structures Volume 1 Theory and application [AD-A125731] p 527 N83-27982
- Automated design of damage resistant structures Volume 2 Program user's manual [AD-A125732] p 527 N83-27983
- UH-60A light icing envelope evaluation with the blade deicing kit installed but inoperative [AD-A125630] p 528 N83-27987
- Repair of graphite/epoxy composites p 636 N83-30535
- Structural element and real blade impact testing, volume 1 [AD-A127744] p 618 N83-31606
- Force method optimization 2 Volume 1 Theoretical development [AD-A127073] p 652 N83-32408

- Assessment of survivability against laser threats The ASALT-I computer program [AD-A128472] p 703 N83-34313
- Lightning tests on the WC-130 research aircraft [AD-A129141] p 722 N83-36014
- Model HH-53 helicopter, durability and damage tolerance assessment report submittal [AD-A129255] p 734 N83-36027

**DAMPERS**

- Design of dry-friction dampers for turbine blades p 450 A83-35883
- A study of the characteristics of short hydrodynamic dampers of aircraft engine motors with allowance for turbulization of the working fluid in the damper clearance p 613 A83-42129
- An investigation into the effect of side plate clearance in an uncentralized squeeze-film damper [ASME PAPER 83-GT 176] p 761 A83-47975

**DAMPING**

- Optimum wire screens for control of turbulence in wind tunnels p 417 A83-33772
- Evaluation of new Iroquois torquemeter PN 73-30-1 [AD-A117747] p 38 N83-10042
- Finite element prediction of damping in beams with constrained viscoelastic layers p 66 N83-10223
- Study of the damping characteristics of general aviation aircraft panels and development of computer programs to calculate the effectiveness of interior noise control treatment, part 1 [NASA-CR 169534] p 190 N83-15043
- Rotordynamic instability field problems p 186 N83-15630
- Shaft vibrations in turbomachinery excited by cracks p 187 N83-15635
- Analytical and experimental investigation of turbine blade damping [AD-A120470] p 213 N83-16345
- Damping seal for turbomachinery [NASA-CASE MFS-25842-1] p 477 N83-26080
- Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft p 628 N83-30380
- Some results and limitations of Prony analysis of in-flight lightning data p 646 N83-31178

**DAMPING TESTS**

- On the damping effect of sloshing fluid on flexible rotor systems [ASME PAPER 82-DET-140] p 65 A83-12783
- The Shock and Vibration Bulletin Part 3 Analytical methods dynamic analysis vehicle systems [AD-D432842] p 66 N83-10253

**DASSAULT AIRCRAFT**

- Long-range Falcon - Flight-test Dassault Falcon 50 p 151 A83-18074

**DATA ACQUISITION**

- Application of pulse code modulation technology to aircraft dynamics data acquisition p 29 A83-10182
- Data acquisition/reduction system for flight testing general aviation aircraft p 37 A83-11903
- Preliminary overview analyses of U S Navy Aircrew Automated Escape Systems /AAES/ in-service usage data p 182 A83-15405
- U S Navy Aircrew Automated Escape Systems /AAES/ In-Service Data Analysis program p 183 A83-15408
- The impact of data processing on wind tunnel testing [ONERA, TP NO 1982-92] p 173 A83-18429
- Thermal infrared pushbroom imagery acquisition and processing -- of NASA's Advanced Land Observing System p 209 A83-22841
- A multifunction integrated approach to providing aircraft inertial data p 321 A83-28595
- Applications of state estimation in aircraft flight-data analysis [AIAA PAPER 83-2087] p 596 A83-41919
- Gas turbine engine cascade wind tunnel with automatic data acquisition and control p 630 A83-42563
- Something about to improve the accuracy of testing in low speed wind tunnel p 689 A83-44571
- Direct lightning strikes to aircraft [AD-A118075] p 16 N83-11100
- Preliminary summary of phase 1 Piedmont in-service evaluation of TCAS 2 p 146 N83-14095
- Operational loads measurement and evaluation [AD-A122163] p 153 N83-14104
- Mode S baseline radar tracking [FAA-RD-82-53] p 233 N83-17770
- A failure diagnosis methodology --- jet aircraft engines p 304 N83-20232
- Automatic control and data acquisition system for combustion laboratory applications [AD-A125195] p 470 N83-25829
- FAA integrated noise model validation Analysis of air carrier flyovers at Seattle-Tacoma Airport [AD-A124097] p 479 N83-26320

- Development of an oculometer data collection subsystem [AD-A124700] p 481 N83-26501
- Validation flight test of UH-60A for Rotorcraft Systems Integration Simulator (RSIS) [AD-A125428] p 529 N83-29201
- A portable physiological data recorder using magnetic bubble memory [AD-A127304] p 646 N83-30997
- NASA F-106B lightning ground tests p 586 N83-31195
- Fuel conservation evaluation of US Army helicopters Part 5 AH-1S slight testing [AD-A128532] p 608 N83-31601
- Interfacing the ROLM 1602B for the Metro navigation system [NLR-MP-81062-U] p 674 N83-32788
- Our first quarter century of achievement Just the beginning [NASA-NEWS-RELEASE-83-132] p 708 N83-34882
- Experiments in a three-dimensional adaptive-wall wind tunnel [NASA-TP-2210] p 718 N83-34906
- Alaska Loran-C flight test evaluation [AD-A128633] p 724 N83-34930
- New flight control technologies for future naval aircraft [AD-A128624] p 751 N83-34955

**DATA BASE MANAGEMENT SYSTEMS**

- Improving the data base generation process for flight simulator data bases [AIAA PAPER 83-0138] p 171 A83-16547
- Software development Design and reality p 363 N83-22114
- Research and analysis of head-directed area-of-interest visual system concepts [NASA-CR-166480] p 467 N83-26849
- Pan Air Geometry Management System (PAGMS) A data base management system for PAN AIR geometry data [NASA-CR-16581] p 771 N83-35943

**DATA BASES**

- Embedded microprocessors for avionics applications p 70 A83-11104
- Improving the data base generation process for flight simulator data bases [AIAA PAPER 83-0138] p 171 A83-16547
- Spatial calibration of a multispectral data base --- of airborne scanner systems p 209 A83-22882
- Integrated GPS, DLMS, and radar altimeter measurements for improved terrain determination p 324 A83-29212
- Data base considerations for a tactical environment simulation [AIAA PAPER 83 1099] p 463 A83-36219
- Durability of aircraft composite materials p 211 N83-12164
- Prelaunch survivability of Ground Launched Cruise Missile (GLCM) Volume 3 SAVAGE code version 1 0 user's guide [AD-A119023] p 155 N83-14113
- DATAMAP and its impact on prediction programs p 236 N83-17489
- Far-field acoustic data for the Texas ASE, Inc Hush-House supplement [AD-A122844] p 412 N83-24289
- Helicopter noise exposure curves for use in environmental impact assessment [AD-A123467] p 413 N83-25500
- Research and analysis of head-directed area-of-interest visual system concepts [NASA-CR-166480] p 467 N83-26849
- Environmental effects and durability p 636 N83-30532
- Computer Aided System for Developing Aircrew Training (CASAT) [AD-A128530] p 633 N83-31615

**DATA CONVERTERS**

- Four-channel multiplexed resolver-to-digital converter p 34 A83-11100

**DATA CORRELATION**

- Correlation and evaluation of inplane stability characteristics for an advanced bearingless main rotor [NASA-CR-166448] p 440 N83-25695
- Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison of the wing pressure distribution and local wake survey from analytical, wind tunnel and flight results p 603 N83-30362
- Technical evaluation report on the Flight Mechanics Panel Symposium on Ground/Flight Test Techniques and Correlation [AGARD-AR-191] p 733 N83-34939

**DATA INTEGRATION**

- Self-adaptive filters for the integration of navigation data p 268 A83-23374

## DATA LINKS

### DATA LINKS

- AEDCS** - A computer-aided system design tool for integrated avionics p 71 A83-11176
- High speed data link concepts for military aircraft p 36 A83-11233
- Flight management systems and data links p 285 A83-24424
- Relay balloon --- data terminal for long duration synoptic earth observations p 524 A83-39811
- Mode S beacon system Functional description [ATC-42-REV-B] p 188 A83-13086
- Status of Mode S implementation p 145 A83-14082
- A flight investigation of simulated data-link communications during single-pilot IFR flight Volume 2 Flight evaluations p 146 A83-14098
- Flight assessment of a data-link-based navigation-guidance concept [NASA-TM-84493] p 319 A83-22168
- National Airspace System Plan [GPO-98-029] p 319 A83-22169
- Overview of United States program for modernizing air traffic control and airway facilities p 325 A83-22184
- Computer B (National Airspace System - Automated Radar Terminal Systems) communications support [FAA-PM-83-16] p 407 A83-24742
- The remote link unit. A demonstration of operational performance Part 3 Design manual, volume 1 [AD-A124621] p 476 A83-25934
- The remote link unit. A demonstration of operational performance Part 3 Design manual Volume 2 Appendices A - C [AD-A124622] p 476 A83-25935
- The remote link unit. A demonstration of operational performance Part 2 User's manual [AD-A124620] p 476 A83-25938
- The remote link unit. A demonstration of operational performance, part 1 [AD-A124619] p 476 A83-25939
- Evaluation of an airborne terminal for a digital data link in aviation [DFVLR-FB-83-05] p 516 A83-29186
- Mode S beacon system Functional description [ATC-42-REV-C] p 698 A83-33016
- DATA MANAGEMENT**
- DATAMAP and its impact on prediction programs p 236 A83-17489
- DATA PROCESSING**
- Future Navy data bus requirements - Modular approach for flexible evolution p 21 A83-11184
- The impact of data processing on wind tunnel testing [ONERA, TP NO 1982-92] p 173 A83-18429
- Optimal processing of the correction data of an aircraft fuel-measurement system p 159 A83-19177
- AISA - Program for automated treatment of aeronautical data --- for civil aviation applications p 462 A83-35598
- SITELCOM-82 - Telecommunications and data processing in the air transport industry, Proceedings of the Conference, Monte Carlo, Monaco, March 2-4, 1982 p 670 A83-45076
- SITA - Advanced telecommunications services --- for air transport industry p 670 A83-45079
- Measurements in the wake of an infinite swept airfoil [NASA-CR-169464] p 13 A83-11086
- A technical analysis of rehosting the National Aerospace System software [AD-A118828] p 187 A83-12069
- Signal transmission via sliprings and telemetry p 216 A83-12267
- Real-time data display for AFTI/F-16 flight testing [NASA-TM-84899] p 198 A83-13095
- Analysis and modeling of information handling tasks in supervisory control of advanced aircraft [AD-A119067] p 205 A83-13116
- Computer based maintenance aids system Preliminary development and evaluation of a prototype [AD-A120627] p 187 A83-16281
- The F29 flight test instrumentation and data processing system An overview of requirements, design and organization [NLR-MP-81035-U] p 209 A83-16340
- DATAMAP and its impact on prediction programs p 236 A83-17489
- Greenland 1979 microwave remote sensing data catalog report, 14-15 October 1979 [NASA-TM-84571] p 362 A83-21730
- The management of a large real-time military avionics project p 335 A83-22144
- Programs for the transonic wind tunnel data processing installation Part 10 Six component measurements updated [AD-A122248] p 427 A83-26824
- Operational engine usage p 540 A83-29246

- Modern Display Technologies for Airborne Applications [AD-A129876] p 610 A83-30414
- Some results and limitations of Prony analysis of in-flight lightning data p 646 A83-31178
- The role of a fatigue damage accumulation plot in structural loads data analysis --- for aircraft [RAE-TR-82125] p 700 A83-33214
- Alaska Loran-C flight test evaluation [AD-A128633] p 724 A83-34930
- DATA PROCESSING EQUIPMENT**
- Design of the CTX diagnostics screen room [DE82-002320] p 176 A83-15321
- DATA PROCESSING TERMINALS**
- The development of JTIDS distributed TDMA /DTDMA/ advanced development model /ADM/ terminals --- Joint Tactical Information Distribution System p 18 A83-11094
- Flight and simulation test analysis system [AD-A125614] p 528 A83-27986
- DATA RECORDERS**
- Method of thermodynamic function control and of damage analysis regarding aircraft engines with the aid of flight data recording systems --- German thesis p 613 A83-41850
- Flight data recorders - An investigator's tool p 681 A83-44877
- DATA REDUCTION**
- Data acquisition/reduction system for flight testing general aviation aircraft p 37 A83-11903
- Design of algorithms to extract data from capacitance sensors to measure fastener hole profiles p 639 A83-41026
- Something about to improve the accuracy of testing in low speed wind tunnel p 689 A83-44571
- Measurement and analyses of heat flux data in a turbine stage 1 - Description of experimental apparatus and data analysis [ASME PAPER 83-GT-121] p 740 A83-47950
- Development of an oculometer data collection subsystem [AD-A124700] p 461 A83-26501
- The role of a fatigue damage accumulation plot in structural loads data analysis --- for aircraft [RAE-TR-82125] p 700 A83-33214
- DATA RETRIEVAL**
- A review of geostationary satellite alternatives for retrieving data from long duration balloon flights p 514 A83-39812
- DATA SAMPLING**
- Analysis of systems containing multiple, irregular sampling p 70 A83-11131
- DATA SMOOTHING**
- A nonlinear smoothing procedure for the reconstruction of flight trajectories on the basis of radar data p 185 A83-14494
- DATA SYSTEMS**
- Advanced facility for processing aircraft dynamic test data p 53 A83-10189
- Air data systems for airplanes of the 1990's p 18 A83-11099
- Future Navy data bus requirements - Modular approach for flexible evolution p 21 A83-11184
- A multifunction integrated approach to providing aircraft inertial data p 254 A83-24853
- The Integrated Inertial Navigation System - AN/ASN-132 p 254 A83-24855
- Synergistic integration of JTIDS/GPS technology --- Joint Tactical Information Distribution System p 323 A83-28789
- PMUX - The interface for engine data to AIDS --- propulsion multiplexer Aircraft Integrated Data System p 391 A83-30158
- Development and test of an integrated sensory system for advanced aircraft p 390 A83-30159
- Automation of preplanning as a means for enhancing quality in operational flight control II p 509 A83-39222
- Modern digital air-data computer p 734 A83-47186
- Computer B (National Airspace System - Automated Radar Terminal Systems) communications support [FAA-PM-83-16] p 407 A83-24742
- DATA TRANSMISSION**
- Fiber optic aircraft multiplex systems - Planning for the 1990s p 20 A83-11180
- The design of a packet switched network for aeronautical data interchange p 185 A83-14862
- The development of standards for the common ICAO Data Interchange Network /CIDIN/ p 230 A83-22027
- Fiber optics for electro-magnetic pulse /EMP/ simulators p 218 A83-22495
- ARINC 429 digital data communications for commercial aircraft p 253 A83-24435
- Data transmission in the case of secondary radar /Mode S/ p 320 A83-27124

### DC 10 AIRCRAFT

- The KC-10A - USAF's newest range extender p 189 A83-14700
- Validation of the KC-10 refueling boom digital control system [SAE PAPER 821421] p 517 A83-37978
- Testing of antimisting kerosene in the DC-10/KC-10 fuel system simulator [SAE PAPER 821485] p 550 A83-38004
- An analysis of airline landing flare data based on flight and training simulator measurements [NASA-CR-166404] p 47 A83-10047
- Aircraft accident report World Airways, Inc., Flight 30H, N112WA McDonnell Douglas DC-10-30, Boston-Logan International Airport, Boston, Massachusetts, January 23, 1982 [PB82-910415] p 248 A83-18698
- Service evaluation of airborne tire pressure indicating systems [DOT/FAA/RD-82/89] p 331 A83-20934
- Compatibility study of antimisting kerosene and the DC/KC-10 fuel system [FAA-CT-82-116] p 404 A83-23466
- Advanced composite vertical stabilizer for DC-10 transport aircraft [NASA-CR-172780] p 607 A83-31595
- DC 8 AIRCRAFT**
- The recipe for re-engining jet transports [SAE PAPER 821441] p 518 A83-37989
- DC 9 AIRCRAFT**
- DC-9 Super 80 digital flight guidance system simulation techniques for certification p 141 A83-17305
- Software design for the Douglas DC-9 Super 80 digital flight guidance system p 141 A83-17311
- DC-9 Super 80 Digital Flight Guidance System integrated system testing [SAE PAPER 821364] p 529 A83-37959
- DE HAVILLAND AIRCRAFT**
- Development of a structural, bird impact resistant, de-iced wing leading edge for the de Havilland Dash 8 aircraft using fibre-reinforced composites p 153 A83-18823
- Dash 8 - Canada's new commuter p 328 A83-29675
- The Dash 8 development program p 433 A83-33546
- Dashing ahead in commuterliners p 519 A83-38470
- DEAD RECKONING**
- Intelligent control of tactical target cueing --- by subsonic flight vehicles p 25 A83-12879
- Flight tests of integrated navigation by least squares adjustment p 256 A83-24871
- Multiconfiguration Kalman filter design for high-performance GPS navigation p 257 A83-26262
- DEBRIS**
- FOD hazard from tire-lofted debris --- Foreign Object Damage p 585 A83-42557
- DECAY**
- Windmill wake turbulence decay A preliminary theoretical model [DE83-008162] p 583 A83-30395
- DECELERATION**
- Computational study of an unregulated air intake of a hypersonic ramjet engine with three-dimensional deceleration of the flow at freestream Mach numbers of 5-7 p 494 A83-37559
- Recovery system for the Lockheed Aquila R P V p 630 A83-43724
- DECISION MAKING**
- How decisions are made - Major considerations for aircraft programs p 152 A83-18398
- Fleet planning models --- in airline operations p 318 A83-29967
- Planning intra-airport transportation - A framework for decision making [AIAA PAPER 83-1585] p 399 A83-33356
- A technical analysis of rehosting the National Aerospace System software [AD-A118828] p 187 A83-12069
- Turbine Engine Fault Detection and Isolation Program Volume 2 Maintenance model development [AD-A119999] p 167 A83-15312
- Aids to decision making in airport planning [REPT-34] p 221 A83-17562
- Human factors in air safety p 320 A83-23234
- Decision support systems An approach to aircraft maintenance scheduling in the Strategic Air Command [AD-A123039] p 372 A83-23269
- An experimental investigation of the efficacy of automated weather data transmission to aircraft in flight [FAA-PM-83-11] p 390 A83-23302
- Summary of analysis of sources of forecasting errors in BP 1500 requirements estimating process and description of compensating methodology [AD-A12854E] p 577 A83-31574

## SUBJECT INDEX

- A comparison of audio, visual and tactile warning devices in a simulated flight environment [AD-A128200] p 669 N83-33862
- DECISION THEORY**  
Aircraft availability - An acquisition decision strategy [AD-A123060] p 372 N83-23271
- DECOMPOSITION**  
Aerodynamic computation of the wing-body-short cabin composite p 662 N83-32740
- DECONTAMINATION**  
Spectral decontamination of a real-time helicopter simulation [AIAA PAPER 83-1087] p 436 A83-36211
- DECOYS**  
Computer models for determining countermeasures effectiveness of expendables in air-to-air engagements p 70 A83-11162
- DEFECTS**  
Effect of defect on the behaviour of composites p 551 A83-40215  
Repair techniques for graphite/epoxy structures for commercial transport applications [NASA-CR-159056] p 225 N83-16397  
A parametric study of surface imperfections and small cutouts in a composite panel [AD-A124739] p 470 N83-25793
- DEFENSE PROGRAM**  
Rationalizing Tacar force development in the next decade p 2 A83-11116  
Concepts for a future joint airlift development program [AIAA PAPER 83-1591] p 429 A83-36951  
Challenges for military airlift in the 1990's [AIAA PAPER 83-2437] p 719 A83-48327  
Military requirements - fuel economy, air traffic control, and defense budgets p 325 N83-22181
- DEFLECTION**  
Experimental results of a deflected thrust V/STOL nozzle research program [AIAA PAPER 83-0170] p 579 A83-42100  
Effects of differential and symmetrical aileron deflection on the aerodynamic characteristics of an NASA supercritical-wing research airplane model [NASA-TM-X-3231] p 12 N83-11073  
A study of model deflection measurement techniques applicable within the national transonic facility [NASA-CR-165853] p 181 N83-13075  
Model deformation system p 292 N83-18767  
Non-contact, non-destructive airport pavement profile and deflection measurements [FAA-PM-83-14] p 400 N83-23325  
Experimental results of a deflected thrust V/STOL nozzle research program [NASA-TM-83069] p 423 N83-25657  
A piloted simulator investigation of side-stick controller/stability and control augmentation system requirements for helicopter visual flight tasks [NASA-CR-172852] p 754 N83-36041
- DEFLECTORS**  
Verification testing of a UH-1 Wire Strike Protection System (WSPS) [AD-A122220] p 250 N83-19725  
An investigation of flow improvement devices for reducing propeller excited vibration - ship propellers [NMI-R-157] p 702 N83-34223
- DEFORMATION**  
Dimensional stability considerations for cryogenic metals p 291 N83-18759  
Model deformation system p 292 N83-18767  
Flutter and steady/unsteady aerodynamic characteristics of supercritical and conventional transport wings p 345 N83-22218
- DEGRADATION**  
Analysis of a MIL-L-27502 lubricant from a gas-turbine engine test by size-exclusion chromatography [NASA-TP-2063] p 226 N83-16528
- DEGREES OF FREEDOM**  
Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight p 435 A83-35948  
Hypersonic dynamic testing of ablating models with three-degree-of-freedom gas bearings p 753 A83-48135  
The Shock and Vibration Bulletin Part 3 Analytical methods, dynamic analysis, vehicle systems [AD-D432842] p 66 N83-10253  
A set of flight dynamic equations for aircraft simulation [AD-A119543] p 175 N83-14143  
Some methods for the derivation of taxing loads for undercarriages with linear or nonlinear properties [NLR-TR-81110-U] p 389 N83-23297  
Computer control and activation of six-degree-of-freedom simulator [AD-A126126] p 549 N83-28010  
Validation flight test of UH-60A for Rotorcraft Systems Integration Simulator (RSIS) [AD-A125428] p 529 N83-29201
- DEICERS**  
NASA Lewis Research Center's program on icing research [AIAA PAPER 83-0204] p 127 A83-16582  
Helicopter icing - Testing and certification p 152 A83-18381  
Development of a structural, bird impact resistant, de-iced wing leading edge for the de Havilland Dash 8 aircraft using fibre-reinforced composites p 153 A83-18823  
Numerical simulation of electrothermal de-icing systems [AIAA PAPER 83-0114] p 428 A83-36043  
Pneumatic rotor blade deicing p 676 A83-46926  
Aircraft accident report, Air Florida, Inc Boeing 737-222, N62AF collision with 14th Street Bridge, near Washington National Airport, Washington, D.C., January 13, 1982 [PB82-910408] p 15 N83-10022  
NASA Lewis Research Center's Program on Icing Research [NASA-TM-83031] p 139 N83-14078  
Limited artificial and natural icing test of the OV-1D (re-evaluation) [AD-A127191] p 606 N83-30410
- DEICING**  
Wind tunnel study of icing and de-icing on oscillating rotor blades [ONERA, TP NO 1982-116] p 247 A83-24327  
U.S. Army helicopter icing developments [SAE PAPER 821504] p 508 A83-38011  
Review of helicopter icing protection systems [AIAA PAPER 83-2529] p 719 A83-48367  
Manufacture of a hot wire target element for a cloud liquid water content meter [AD-A122111] p 304 N83-20500  
Numerical simulation of an electrothermal deicer pad [NASA-CR-168097] p 380 N83-23281  
Piezoelectric deicing device [NASA-CASE-LEW-13773-1] p 528 N83-29197  
Rain and deicing experiments in a wind tunnel [NASA-TM-77077] p 582 N83-30394
- DELAY**  
An optimal control model approach to the design of compensators for simulator delay [NASA-CR-3604] p 32 N83-11113
- DELTA WINGS**  
Supersonic flow around a conical fuselage of arbitrary section isolated or equipped with a delta wing with subsonic leading edges p 7 A83-10579  
Pressure distribution on a simple delta wing p 8 A83-13023  
Nonequilibrium flow over delta wings with detached shock waves p 176 A83-13126  
Numerical simulation of wing-fuselage interference p 177 A83-13129  
A study of the effect of the transverse sweep of delta wings on their vortex structures and aerodynamic characteristics in separated flows at low subsonic velocities p 178 A83-15096  
Segmented vortex flaps [AIAA PAPER 83-0424] p 134 A83-16706  
Evolution of aircraft trailing vortices in a stratified fluid [AIAA PAPER 83-0564] p 134 A83-16792  
Theoretical stiffness matrix correction by using static test results p 229 A83-21007  
Delta canard configuration at high angle of attack p 285 A83-24650  
Allevation of the subsonic pitch-up of delta wings p 374 A83-32583  
Investigation of the parameters of a boundary layer before the inlet of a supersonic air intake mounted under the surface of a triangular plate p 494 A83-37533  
The effect of the blunting of the leading edges on the characteristics of separated flow past delta wings of low aspect ratio p 494 A83-37551  
Separated flows at the leeward side of a delta wing and body of revolution in supersonic flow p 494 A83-37553  
The fluid mechanics of slender wing rock --- vortex shedding of delta configurations [AIAA PAPER 83-1810] p 497 A83-38643  
The impact of strakes on a vortex-flapped delta wing [AIAA PAPER 83-1814] p 497 A83-38647  
An investigation of wing leading-edge vortices at supersonic speeds [AIAA PAPER 83-1816] p 498 A83-38648  
The maximum aerodynamic efficiency of conical wing-body combinations at high supersonic speeds p 578 A83-41266  
Interference during flow around a wing and an axisymmetric nacelle p 578 A83-41879  
Computational technique for three-dimensional compressible flow past wings at high angles of attack [AIAA PAPER 83-2078] p 578 A83-41912
- Experimental and analytical investigation of the subsonic aerodynamics of slender wings with leading-edge vortex flaps [AIAA PAPER 83-2113] p 579 A83-41940  
An investigation of the breakdown of the leading edge vortices on a delta wing at high angles of attack [AIAA PAPER 83-2114] p 579 A83-41941  
Flow in a hypersonic boundary layer on a delta wing of finite length at angle of attack p 581 A83-43522  
A method for calculating the regime of strong viscous interaction on a delta wing p 716 A83-48864  
Experimental investigation of the turbulent structure of vortex wakes [ONERA, TP NO 1983-107] p 717 A83-49418  
Design of the leading edge of a delta wing [AD-A117469] p 31 N83-10036  
Study of highly sweptback wings by the free vortex sheet method [NASA-CR-169559] p 181 N83-13076  
Subsonic steady and unsteady aerodynamic loads on missiles and aircraft [NASA-CR-169749] p 190 N83-16284  
Laser-Doppler velocimeter (LDV) measurements of the velocity field of a leading edge vortex over a delta wing before and after vortex breakdown [VKI-TN-142] p 192 N83-16300  
Effect of external stores on the stability and control characteristics of a delta wing fighter model at Mach numbers from 0.60 to 2.01 [NASA-TM-84596] p 194 N83-17508  
The minimization of pylon-mounted store effects on air combat capability [NASA-TM-84597] p 195 N83-17510  
Pressure investigation of NASA leading edge vortex flaps on a 60 deg Delta wing [NASA-CR-169984] p 244 N83-18672  
Subsonic balance and pressure investigation of a 60 deg delta wing with leading edge devices [NASA-CR-165923] p 246 N83-19714  
Preliminary results of LDV surveys in the compressible leading edge vortex of a delta wing [VKI-TN-137] p 376 N83-23278  
Temperature response of a model to set-point changes and conditioning in ETW p 465 N83-25721  
Nonlinear aerodynamics of conical delta wings p 504 N83-27956  
A continuous vortexicity panel method for the prediction of steady aerodynamic loads on lifting surfaces p 505 N83-29172  
Numerical simulation of vortex breakdown by the vortex-filament method [NASA-TM-84334] p 563 N83-29636  
An experimental study of pressures on 60 deg Delta wings with leading edge vortex flaps [NASA-CR-172833] p 583 N83-31576
- DEMAND (ECONOMICS)**  
A UK NATS view of the air traffic management requirements in the next decade p 325 N83-22178  
Overview of United States program for modernizing air traffic control and airway facilities p 325 N83-22184  
Co-ordination in aviation in southern Africa p 320 N83-23210
- DEMOGRAPHY**  
Pilot-in-command A sociological analysis of general aviation accidents p 184 N83-13079  
Transportation Energy Conservation Through Land Use Planning [PB83-148387] p 475 N83-25919
- DENSITOMETERS**  
High accuracy fuel flowmeter, phase 1 [NASA-CR-167893] p 359 N83-21314
- DENSITY DISTRIBUTION**  
Nonequilibrium flow over delta wings with detached shock waves p 176 A83-13126  
Image generation on matrix displays p 611 N83-30418
- DEPLOYMENT**  
Operational deployment of the air cushion vehicle p 485 A83-34864  
Development and employment of fixed-wing gunships, 1962 - 1972 [AD-A122538] p 331 N83-20935  
Background study on efficient use of the 2700-2900 MHz band [PB83-214288] p 766 N83-36352
- DEPOSITION**  
Behavior of aircraft engine oils at high temperature p 185 N83-15529
- DEPOSITS**  
Lubricants in bearings and absorbed materials on aircraft fuel lines by infrared emission Fourier microspectrophotometry p 220 N83-13455  
Behavior of aircraft engine oils at high temperature p 185 N83-15529

## DERIVATION

- Evaluation of aerodynamic derivatives from Do 28  
TNT-free flight model tests  
[DFVLR-FB-82-17] p 265 N83-18711

## DESCENT

- A study of lateral flight path perturbations of STOL  
aircraft in the planetary boundary layer  
[UTIAS-TN-240] p 679 N83-33877

## DESCENT TRAJECTORIES

- Optimal turning climb-out and descent of commercial  
jet aircraft  
[SAE PAPER 821468] p 519 A83-37999  
Instantaneous, predictable balloon system descent from  
high altitude p 524 A83-39808  
A dive performance computer program  
[AD-A119407] p 156 N83-14121  
Planning fuel-conservative descents with or without time  
constraints using a small programmable calculator  
Algorithm development and flight test results  
[NASA-TP-2085] p 210 N83-17535  
Minimum-fuel turning climbout and descent guidance of  
transport jets  
[NASA-TM-84289] p 217 N83-17552  
Description of the computations and pilot procedures  
for planning fuel-conservative descents with a small  
programmable calculator  
[NASA-TM-85642] p 444 N83-25707

## DESERTS

- The T700-GE-700 engine experience in sand  
environment p 278 A83-24842

## DESIGN ANALYSIS

- Analytical design of thin-wall wings at the drafting  
stage p 62 A83-10453  
A cost effective approach to design evaluation of  
advanced system display switchology p 71 A83-11200  
Fail-safe optimal design of complex structures with  
substructures p 212 A83-13490  
Tentative principles of the evaluation of the airworthiness  
of aircraft of one-of-a-kind design p 182 A83-14623  
Design and development of Cartridge Actuated Device  
/CAD/ primer p 209 A83-15433  
A look at the Russell 'Lobe' parachute - The first  
ultrastable parachute design p 184 A83-15434  
GASAP - A general aviation airplane analysis and  
synthesis program p 148 A83-16488  
Acoustic capabilities of the German-Dutch wind tunnel  
DNW [AIAA PAPER 83-0146] p 172 A83-16554  
Design of optimum propellers [AIAA PAPER 83-0190] p 132 A83-16578  
Software design for the Douglas DC-9 Super 80 digital  
flight guidance system p 141 A83-17311  
The Pratt & Whitney PW100 Evolution of the design  
concept p 162 A83-18821  
A wind tunnel for unsteady turbulent shear flows - Design  
and flow calculation p 218 A83-19664  
Unbalance response analysis of a complete  
turbomachine p 228 A83-19674  
Curvature transitions of composite curves and surfaces  
- Questions regarding details of computer-aided design  
--- German thesis p 235 A83-20398  
The future for fighter aircraft p 186 A83-20597  
Technology and modern fighter aircraft - The  
evolutionary F 16 p 203 A83-20598  
NGT - The Next Generation Trainer p 203 A83-20599  
Setting design goals for advanced propulsion systems  
[AIAA PAPER 81-1505] p 211 A83-22154  
Errors in the experimental determination of the  
parameters of supersonic combustion ramjet engines  
p 211 A83-22653  
A system of criteria for evaluating the energy efficiency  
of an engine at the state of technical proposals  
p 273 A83-23437  
Maneuver load control for reducing the design loads  
of modern combat aircraft [DGLR PAPER 82-046] p 284 A83-24169  
Design and implementation of an active load alleviation  
system, taking into account the example of a modern  
transport aircraft [DGLR PAPER 82-045] p 284 A83-24170  
Some aspects of the engine design of future fighter  
planes [DGLR PAPER 82-071] p 275 A83-24185  
On the design philosophy of fighter aircraft engines  
[DGLR PAPER 82-073] p 275 A83-24187  
Landing gear design handbook p 383 A83-30143  
Design features of a new commuter turboprop engine  
[SAE PAPER 820717] p 392 A83-31802  
The CAC-100 - Design features --- passenger commuter  
transport aircraft [SAE PAPER 820730] p 385 A83-31806  
The helicopter preliminary design process p 385 A83-31812

- Impact of stretching wide-bodied aircraft on existing  
airport facilities [AIAA PAPER 83-1578] p 398 A83-33351  
New concept in hovercraft design diesel versus gas  
turbines p 485 A83-34860  
ACV lift air systems - More puff for less power  
p 485 A83-34861  
AP 1-88 craft 001 prototype clearance trials  
p 485 A83-34862  
Developments in air cushion vehicle spray  
suppression p 486 A83-35056  
A design synthesis model for ACV/SES lift systems  
p 486 A83-35057  
Experimental study of a high-through-flow transonic axial  
compressor stage p 419 A83-35853  
Contribution to centrifugal compressor impeller design  
p 419 A83-35865  
A comprehensive method for preliminary design  
optimization of axial gas turbine stages II - Code  
verification [AIAA PAPER 83-1403] p 456 A83-36393  
Monte Carlo simulation of the engine development  
process [AIAA PAPER 83-1405] p 456 A83-36394  
Aircraft flexible tanks general design and installation  
recommendations [SAE AEP 1664] p 519 A83-38102  
Smart aerodynamic optimization [AIAA PAPER 83-1863] p 501 A83-38690  
Super choppers --- helicopters with counter rotating  
rotors p 521 A83-38700  
Vertical seeking ejection seat boosts pilots odds  
p 525 A83-40305  
Blade design for reduced helicopter vibration  
p 594 A83-41076  
Active flutter suppression using eigenspace and linear  
quadratic design techniques [AIAA PAPER 82-2222] p 621 A83-41702  
Universities - Have they a role in aeronautical research?  
Aerodynamics p 580 A83-42621  
Phoenix GCS - Some considerations which influence  
the design of computer assisted ground control stations  
for RPV p 592 A83-43714  
Wide field of view head-up displays p 681 A83-44690  
Damage tolerant design using collapse techniques  
p 695 A83-45591  
The impact of three-dimensional analysis on fan design  
--- for turbine engines [ASME PAPER 83-GT-136] p 740 A83-47963  
A design study of a reaction control system for a V/STOL  
fighter/attack aircraft [ASME PAPER 83-GT-199] p 743 A83-48002  
Aircraft design (3rd revised and enlarged edition) ---  
Russian book p 726 A83-48100  
Design and technology influences - 'Maturity' at  
introduction of the 214ST [AIAA PAPER 83-2528] p 728 A83-48366  
Bucking the current --- electric actuators for V/STOL  
aircraft p 729 A83-48887  
Methods for teaching aerospace vehicle design  
[AIAA PAPER 83-2475] p 771 A83-49582  
An example of longitudinal and transversal oscillation  
coupling The Epsilon aircraft cork screw p 51 N83-10074  
Advanced flight control design techniques and handling  
quality requirements p 51 N83-10075  
Advanced composite elevator for Boeing 727 aircraft  
[NASA-CR-157823] p 61 N83-11248  
ARTS 2A design analysis p 187 N83-12064  
Flight service evaluation of composite helicopter  
components [NASA-CR-165952] p 192 N83-12071  
Predesign study for a modern 4-bladed rotor for RSRA  
[NASA-CR-166155] p 176 N83-13065  
Helicopter vibration suppression using simple pendulum  
absorbers on the rotor blade p 204 A83-13109  
The strengths and weaknesses of Computational Fluid  
Mechanics (CFM) in aerodynamic design and analysis  
Part 1 Background and philosophy p 219 N83-13413  
Helmet mounted display feasibility model Optical  
design [AD-A119191] p 159 N83-14124  
Naval Airship Program for Sizing and Performance  
(NAPSAP), computer program development Program  
update number 2 [AD-A120830] p 191 N83-16293  
Predesign study for a modern 4-bladed rotor for the  
RSRA [NASA-CR-166155] p 206 N83-16331  
Composite design of an advanced airborne monitoring  
system [DE82-006980] p 235 N83-18106

- Design, development, and flight test of a demonstration  
advanced avionics system [NASA-TM-84323] p 270 N83-18721  
Blade design with a finite element method p 283 N83-19040  
Three-Dimensional Displays Perceptual Research and  
Applications to Military Systems [AD-A122577] p 309 N83-20692  
Critical research issues on cockpit applications of 3-D  
displays p 272 N83-20697  
Application of tire dynamics to aircraft landing gear  
design analysis p 359 N83-21394  
New test techniques and analytical procedures for  
understanding the behavior of advanced propellers  
[NASA-TM-83360] p 311 N83-22092  
Systematic computer aided control design p 342 N83-22097  
A life cycle model for avionics systems p 335 N83-22146  
The ARL transonic wind tunnel [ARL/AERO-NOTE-412] p 401 N83-23327  
Advanced manufacturing development of a composite  
empennage component for L-1011 aircraft [NASA-CR-172658] p 440 N83-25692  
The design of shielded pitot tubes with small sensitivity  
to incidence [RAE-TM-AERO-1863] p 530 N83-27988  
Mechanical and thermal effects on the transient and  
steady state component performance of gas turbines  
p 541 N83-29252  
CAD of control systems Application of nonlinear  
programming to a linear quadratic formulation  
[NASA-CR-172151] p 562 N83-29448  
Scaled centrifugal compressor, collector and running  
gear program [NASA-CR-168167] p 617 N83-30432  
Structural mechanics of fibre composites p 635 N83-30530  
Environmental effects and durability p 636 N83-30532  
Evaluation of design criterion of the strategic  
expeditionary landing field [AD-A128323] p 633 N83-31614  
Several problems in the design of environmental wind  
tunnels p 690 N83-32739  
The use of data items on aircraft performance  
estimation [ESDU-80026] p 677 N83-32787  
Results of Beaver aircraft parameter identification  
[DFVLR-FB-83-10] p 678 N83-32798  
Design and analysis of composite structures with stress  
concentrations p 693 N83-33960  
Profile design for cascades --- compressor blade  
profile p 686 N83-34832  
**DESIGN TO COST**  
Some thoughts on the development of computer-based  
systems --- airborne equipment design to cost p 37 A83-11807  
USAF's design guide coming out next month p 239 A83-20647  
Cost factors and approach methodology in selecting  
structural materials and manufacturing technologies  
[AIAA 83-0791] p 368 A83-29730  
Life cycle cost applications to conceptual designs  
[SAWE PAPER 1479] p 654 A83-43748  
Design-to-cost in the application of advanced composite  
technology [SAWE PAPER 1480] p 654 A83-43749  
Designing for supportability and cost effectiveness  
[AIAA PAPER 83-2499] p 712 A83-49586  
Army family of light rotorcraft (LHX) concept  
formulation [AIAA PAPER 83-2552] p 732 A83-49592  
**DESTRUCTIVE TESTS**  
Engineering safety analysis via destructive numerical  
experiments p 215 A83-16198  
Aeroelastic instability stoppers for wind tunnel models  
[NASA-CASE-LAR-12458-1] p 361 N83-21503  
**DESULFURIZING**  
Coal gasification for stationary gas turbine applications  
[DE82-902135] p 226 N83-16553  
**DETECTION**  
Chicago Monostatic Acoustic Vortex Sensing System  
Volume 4 Wake vortex decay [AD-A120081] p 138 N83-15269  
Advanced Ultra-Violet (UV) aircraft fire detection system  
Volume 1 System description and flight test [AD-A121253] p 198 N83-17526  
The management of a large real-time military avionics  
project p 335 N83-22144  
Calibration of C-130 lightning characterization sensors  
[AD-A127344] p 610 N83-30413  
**DETERIORATION**  
A method of predicting the performance deterioration  
of a compressor cascade due to sand erosion [AIAA PAPER 83-0178] p 160 A83-16572



- Detection and diagnosis of bearing deterioration in aircraft propulsion systems by wear debris analysis p 184 N83-15506
- Summary report for CF6 jet engine diagnostics program [NASA-CR-165582] p 214 N83-17539
- DETONABLE GAS MIXTURES**
- A study on the hydrogen-oxygen diffusion flame in high speed flow p 296 A83-26199
- DEVELOPING NATIONS**
- Barriers and possibilities for the use of airships in developing countries [AIAA PAPER 83-1974] p 508 A83-38905
- Balloon research and cooperative programmes p 490 A83-39838
- DEVICES**
- A mm wave collision warning device for helicopters p 645 N83-30895
- DEW POINT**
- Comparison of modern icing cloud instruments [NASA-CR-168008] p 270 N83-18720
- DHC 2 AIRCRAFT**
- Results of Beaver aircraft parameter identification [DFVLR FB-83-10] p 678 N83-32798
- DHC 4 AIRCRAFT**
- Spatial calibration of a multispectral data base -- of airborne scanner systems p 209 A83-22882
- DIAMONDS**
- Evaluation of the efficiency of the diamond burnishing of gas-turbine-engine parts p 558 A83-39511
- DIAPHRAGMS (MECHANICS)**
- A shock tube driver with a cyclone separator p 290 A83-26130
- Preliminary engineering study Quick opening valve MSFC high Reynolds number wind tunnel [NASA-CR-170845] p 632 N83-31612
- DIATOMIC MOLECULES**
- The evaluation of some collision models used for Monte Carlo calculations of diatomic rarefied hypersonic flows [IC-AERO-82-03] p 583 N83-30396
- DIESEL ENGINES**
- U S Army/Detroit Diesel Allison Advanced Technology Demonstrator Engine p 277 A83-24836
- New concept in hovercraft design diesel versus gas turbines p 485 A83-34860
- An update on high output lightweight diesel engines for aircraft applications [AIAA PAPER 83-1339] p 458 A83-36925
- Hydrogen aspiration in a direct injection type diesel engine its effects on smoke and other engine performance parameters p 642 A83-42956
- Use of flight engine technology in stationary industrial gas turbines and diesel motors p 760 A83-47203
- Further industrial tests of ceramic thermal barrier coatings [NASA TP-2057] p 42 N83-10045
- Ignition and combustion Low compression ratio, high output diesel [NASA CR-169742] p 166 N83-15309
- Lightweight diesel aircraft engines for general aviation p 340 N83-22455
- DIESEL FUELS**
- Experimental study of the thermal stability of hydrocarbon fuels [NASA-CR-168027] p 228 N83-17728
- Emergency fuels technology [AD-A125275] p 471 N83-25904
- Refining of military jet fuels from shale oil Part 3 Pilot plant sample preparation [AD-A128722] p 759 N83-36249
- DIFFERENTIAL EQUATIONS**
- Solution of the fundamental control problem /FCP/ --- for aircraft p 341 A83-29291
- Integro-differential equations of the dynamics of elastic systems in nonstationary flows --- flight vehicle dynamics in turbulent nonseparated flow p 474 A83-35933
- Interpretation methodology and analysis of in flight lightning data [NASA CR-3590] p 69 N83-11661
- Improved dynamic models for air combat analysis [AD-A121379] p 305 N83-19562
- A piloted flight simulator study of conflict of interest wind modelling techniques [UTIAS-TN-238] p 401 N83-23329
- Theoretical investigation of the force and dynamically coupled torsional-axial-lateral dynamic response of eared rotors [NASA-CR 173013] p 705 N83-34656
- DIFFERENTIAL PRESSURE**
- An experimental study of dynamic stall on advanced airfoil section. Volume 2. Pressure and force data [NASA-TM-84245-VOL-2] p 179 N83-12048
- DIFFRACTION**
- Wide field of view head-up displays p 681 A83-44690
- DIFFRACTION PATTERNS**
- The intricate patterns of stress p 180 A83-17282
- DIFFRACTION PROPAGATION**
- Multiple diffraction effects in VHF propagation p 182 A83-18725
- DIFFUSERS**
- Investigation of the combined regulation of the intermediate stage of a centrifugal compressor by an axial regulating apparatus and a two-row diffuser p 407 A83-33149
- The effect of variation of diffuser design on the performance of centrifugal compressors p 448 A83-35866
- Experimental investigation of the effects of wall suction and blowing on the performance of highly offset diffusers [AIAA PAPER 83-1169] p 423 A83-36922
- Determination of full pressure losses in stepped annular diffusers with rectilinear outer walls and a uniform velocity field at the inlet p 613 A83-42130
- On the influence of the diffuser inlet shape on the performance of a centrifugal compressor stage [ASME PAPER 83-GT-9] p 737 A83-47881
- A configuration to improve the aerodynamics and scope of can-annular combustors [ASME PAPER 83-GT-37] p 737 A83-47898
- A simple method for designing optimum annular diffusers [ASME PAPER 83-GT-42] p 737 A83-47902
- A preliminary study of annular diffusers with constant diameter outer walls (suitable for turbine exits) [ASME PAPER 83-GT-218] p 744 A83-48018
- Subsonic diffuser development of advanced tactical aircraft [AIAA PAPER 83 1168] p 717 A83-49300
- DIFFUSION**
- Turbine engine materials durability research p 202 N83-12163
- Analytical calculation of a single jet in crossflow and comparison with experiment [NASA-TM-83027] p 163 N83-14127
- Advances in ejector technology A tribute to Hans von Ohain's vision p 477 N83-26805
- DIFFUSION FLAMES**
- Effects of envelope flames on drop gasification rates in turbulent diffusion flames p 222 A83-19846
- A study on the hydrogen-oxygen diffusion flame in high speed flow p 296 A83-26199
- DIFFUSION WELDING**
- Metal honeycomb to porous wireform substrate diffusion bond evaluation p 559 A83-39620
- The construction and testing of pilot installations for making diffusion connections and for depositing layers on high-alloy engine components p 760 A83-47206
- Superplastic transformation and diffusion welding of titanium alloys p 692 N83-32716
- DIFFUSIVITY**
- Characteristics of the transmission loss apparatus at NASA Langley Research Center [NASA-CR-172153] p 572 N83-30165
- DIGITAL COMMAND SYSTEMS**
- Demonstration of an acceptable safety level for digital equipment on board civil transport aircraft p 251 N83-20188
- Terminal area automatic navigation, guidance and control research using the Microwave Landing System (MLS) Part 5 Design and development of a Digital Integrated Automatic Landing System (DIALS) for steep final approach using modern control techniques [NASA-CR-3681] p 345 N83-22213
- DIGITAL COMPUTERS**
- The MCP-100 A turnkey system for implementing multivariable flight control laws p 34 A83-11101
- Marconi avionics standard central air data computer p 34 A83-11119
- Sensitivity analysis of helicopter IMC decelerating steep approach and landing performance to navigation system parameters [NASA-CR-166412] p 27 N83-11102
- Application of output predictive algorithm control to a terrain following aircraft system [AD-A118038] p 27 N83-11105
- Real time digital integration and integral step size for flight control and flight simulation [NAL TR-743] p 397 N83-24514
- DIGITAL DATA**
- Modern Display Technologies for Airborne Applications [AD-A129876] p 610 N83-30414
- DIGITAL FILTERS**
- The design of wind shear filters p 286 A83-26483
- Digital filtering of helicopter flight data [ARL/AERO-NOTE-406] p 154 N83-14106
- For operation of the Computer Software Management and Information Center (COSMIC) [NASA-CR 172904] p 569 N83-30060
- DIGITAL NAVIGATION**
- Design and application of a multivariable, digital controller to the A-7D Digitaic II aircraft model p 45 A83-11148
- Measurement of the frequency response of a digital autopilot [AIAA PAPER 83-0326] p 176 A83-16655
- CINNA - A system for preparing reconnaissance missions p 200 A83-22591
- Synergistic integration of JTIDS/GPS technology --- Joint Tactical Information Distribution System p 323 A83-28789
- An advanced single-channel NAVSTAR GPS multiplex receiver with up to eight pseudochannels p 324 A83-29213
- An overview of a new integrated system for communication, navigation, and identification - The Joint Tactical Information Distribution System p 590 A83-41310
- Robustness of a decoupled multivariable digital flight control system [AIAA PAPER 83-2272] p 622 A83-41738
- A Kalman filter algorithm for terminal-area navigation with sensors of moderate accuracy p 670 A83-45460
- Post-flight compensation for a master navigator error p 673 A83-46966
- Comparison of simple position resets and Kalman filter position updates for correcting inertial navigation system errors p 673 A83-46967
- Collins avionics NAVSTAR GPS advanced digital receiver p 673 A83-46969
- A new generation of navigation and landing aids for aviation p 722 A83-47188
- Integrated navigation systems for aircraft p 723 A83-48735
- Advanced flight control system study [NASA-CR-163120] p 170 N83-15316
- Development and evaluation of a Kalman filter algorithm for terminal area navigation using sensors of moderate accuracy [NASA-TP-2035] p 515 N83-29193
- DIGITAL RADAR SYSTEMS**
- Terrain following/terrain avoidance for advanced penetrating aircraft p 20 A83-11146
- Integrated and transferable hardware/software checkout --- of digitally controlled flight systems p 71 A83-11249
- The COMPAS system for more efficient approach traffic --- for aircraft p 513 A83-39345
- Digital homing guidance - Stability vs performance trade-offs [AIAA PAPER 83-2167] p 590 A83-41663
- DIGITAL SIMULATION**
- On missiles modelling, simulation and evaluation in presence of noise and multi-source environment p 17 A83-10707
- Digital simulation of transonic 3-dimensional flows of perfect compressible flows around aircraft by the methods of finite elements and of least squares [PB82-213448] p 33 N83-11122
- Digital system for structural dynamics simulation [NASA-CR-168019] p 174 N83-14139
- Digital flight control system validation technology assessment [NASA-CR-166374] p 170 N83-15315
- Simulator investigation plan for digital flight controls validation technology [NASA-CR-166427] p 345 N83-22214
- Generalized digital simulation technique with variable engine parameter input for steady state and transient behaviour of aero gas turbines p 543 N83-29263
- Development of the MICROSAS longitudinal flight control system for the augmentor wing aircraft [AD-A128331] p 629 N83-31608
- DIGITAL SYSTEMS**
- Digital engine control for V/STOL and V/TOL aircraft p 40 A83-10871
- Bus protocols for a digital audio distribution system p 19 A83-11126
- Analysis of systems containing multiple, irregular sampling p 70 A83-11131
- An experiment in assessment of flight control software development techniques p 71 A83-11177
- A digital flight control system verification laboratory p 55 A83-11178
- Design of direct digital adaptive flight-mode control systems for high-performance aircraft p 46 A83-11179
- Advanced fighter technology integrator /AFTI/ F-16 display mechanization p 196 A83-16132
- Qualification of the flight-critical AFTI/F-16 digital flight control system --- Advanced Fighter Technology Integration [AIAA PAPER 83-0060] p 167 A83-16492

Assessment of advanced fighter powered approach simulations p 168 A83-16550  
 [AIAA PAPER 83-0141] p 168 A83-16550  
 DC-9 Super 80 digital flight guidance system simulation techniques for certification p 141 A83-17305  
 Software design for the Douglas DC-9 Super 80 digital flight guidance system p 141 A83-17311  
 Application of software design standards to commercial aircraft equipment p 141 A83-17312  
 Software aspects in certification of new European civil transport aircraft p 189 A83-17314  
 Flight management systems and data links p 285 A83-24424  
 Fault isolation methodology for the L-1011 digital avionics flight control system p 285 A83-24427  
 Development of adaptation and identification algorithms in adaptive digital aircraft control systems p 287 A83-26600  
 Flight deck display p 334 A83-27123  
 AFTI/F-16 aeroservoelastic analyses and ground test with a digital flight control system p 341 A83-29888  
 [AIAA 83-0994] p 341 A83-29888  
 Flight/propulsion control system integration p 453 A83-36301  
 [AIAA PAPER 83-1238] p 453 A83-36301  
 Comparison of an experience with full authority digital engine controls in rotary wing and jet-lift VSTOL aircraft [AIAA PAPER 83-1241] p 454 A83-36304  
 Design and analysis of a digitally controlled integrated flight/fire control system p 511 A83-37063  
 Microcomputer brings digital power to the small aircraft gas turbine p 533 A83-37975  
 [SAE PAPER 821402] p 533 A83-37975  
 Validation of the KC-10 refueling boom digital control system p 517 A83-37978  
 [SAE PAPER 821421] p 517 A83-37978  
 Robotic testing for digital systems --- for software in avionics and flight control systems p 568 A83-37979  
 [SAE PAPER 821422] p 568 A83-37979  
 The Air Force ejection seat as a vehicle for digital flight control p 596 A83-41689  
 [AIAA PAPER 83-2205] p 596 A83-41689  
 Flight management systems - Where are we today and what have we learned? p 622 A83-41713  
 [AIAA PAPER 83-2236] p 622 A83-41713  
 Flight Management Systems III - Where are we going and will it be worth it? p 622 A83-41714  
 [AIAA PAPER 82-2237] p 622 A83-41714  
 A generalized stage-state method for centralized fault-tolerant flight control system p 650 A83-41759  
 [AIAA PAPER 83-2301] p 650 A83-41759  
 Functional development of the 757/767 digital cat IIIB Autoland System p 592 A83-41762  
 [AIAA PAPER 83-2192] p 592 A83-41762  
 Sensitivity of digital flight control design to parameter estimation error p 624 A83-41921  
 [AIAA PAPER 83-2089] p 624 A83-41921  
 Flight test experience with pilot-induced-oscillation suppressor filters p 625 A83-41936  
 [AIAA PAPER 83-2107] p 625 A83-41936  
 Digital simulation and control of the Machan UMA p 593 A83-43718  
 Avionics analysed IV - Aircraft grey matter p 670 A83-44494  
 Electronic control of aircraft turbine engine p 683 A83-45600  
 General aviation goes digital - Many advantages, but some problems p 735 A83-48640  
 Integrated digital avionics systems - Promise and threats p 764 A83-48890  
 Demonstration Advanced Avionics System (DAAS) function description p 26 N83-10027  
 [NASA-CR-166282] p 26 N83-10027  
 An integrated user-oriented laboratory for verification of digital flight control systems Features and capabilities [NASA-TM-84276] p 47 N83-10048  
 Design and Analysis of a multivariable, digital controller for the A-7D Digitac 2 aircraft and the development of an interactive computer design program p 53 N83-11144  
 [AD-A118134] p 53 N83-11144  
 Image Processing Techniques p 67 N83-11390  
 [AGARD-LS-119] p 67 N83-11390  
 Components for digitally controlled aircraft engines [NASA-CR-165296] p 201 N83-12089  
 Flight test instrumentation for airline digital avionics [NLR-MP-81017-U] p 198 N83-13096  
 The digital data acquisition system for the flight testing of the Fokker F29 aircraft p 198 N83-13097  
 [NLR-MP-81019-U] p 198 N83-13097  
 A flight investigation of simulated data-link communications during single-pilot IFR flight Volume 2 Flight evaluations p 146 N83-14098  
 [NASA-CR-3653] p 146 N83-14098  
 Advanced flight control system study p 170 N83-15316  
 [NASA-CR-163120] p 170 N83-15316

Integrated research aircraft control technology with full authority digital electronic control p 170 N83-15318  
 [NASA-CR-163100] p 170 N83-15318  
 Comparison of simulator fidelity model predictions with in-simulator evaluation data p 266 N83-18715  
 [NASA-TP-2106] p 266 N83-18715  
 Digital systems technical analysis [ARINC-1469-01-1-2804] p 271 N83-18724  
 A functionally reliable avionics systems p 272 N83-20196  
 Operational and technical evaluation of the full digital Automated Radar Terminal Systems (ARTS) Display (FDAD) p 324 N83-20930  
 [AD-A122269] p 324 N83-20930  
 Microprocessor implementation of fast sampling direct digital flight-mode controllers p 342 N83-22096  
 A modular approach to high reliability software generation with application to nonlinear control p 363 N83-22104  
 Flight test experience with a digital integrated guidance and control system in a CCV fighter aircraft p 343 N83-22110  
 Ground and flight testing on the fly-by-wire Jaguar equipped with a full time quadruplex digital integrated flight control system p 343 N83-22111  
 Technology research for digital flight control [NASA-CR-170194] p 336 N83-22197  
 Adaptive flutter suppression, analysis and test p 346 N83-22219  
 Digital pressure sensor for altimeters, rate-of-climb and air speed indicators in aircrafts p 391 N83-23304  
 [BMFT-FB W-82-033] p 391 N83-23304  
 Trends in software reliability for digital flight control [NASA-CR 166456] p 411 N83-24194  
 Digital system upset The effects of simulated lightning-induced transients on a general-purpose microprocessor p 411 N83-24212  
 [NASA-TM-84652] p 411 N83-24212  
 Integrated assurance assessment of a reconfigurable digital flight control system p 397 N83-24515  
 [NASA-CR-170261] p 397 N83-24515  
 PEANUTS - the PETW data system p 402 N83-24519  
 [MAW-82-009-U] p 402 N83-24519  
 Automatic control and data acquisition system for combustion laboratory applications p 470 N83-25829  
 [AD-A125195] p 470 N83-25829  
 Digital flight control system validation p 462 N83-26847  
 [AD-A124506] p 462 N83-26847  
 Potential benefits of a Full Authority Digital Electronic Control (FADEC) installed on a TF30 engine in an F14 flight test demonstrator aircraft p 543 N83-29269  
 Design of a high-speed digital processing element for parallel simulation p 563 N83-29597  
 [NASA-TM-83373] p 563 N83-29597  
 Cathode ray tubes p 611 N83-30417  
 Liquid crystal displays p 611 N83-30420  
 Eighth International Aerospace and Ground Conference on Lightning and Static Electricity Lightning Technology Roundup p 649 N83-31163  
 [FAA-CT-83-25] p 649 N83-31163  
 Digital system upset The effects of simulated lightning-induced transients on a general purpose microprocessor p 651 N83-31233  
 Development of the MICROSAS longitudinal flight control system for the augmentor wing aircraft p 629 N83-31608  
 [AD-A128331] p 629 N83-31608  
 A lateral-directional controller for high-angle-of-attack flight p 630 N83-31609  
 [AD-A128579] p 630 N83-31609  
 Operating instructions manual for Microprocessor Airborne Data Acquisition and Replay (MADAR) module [AD-A128558] p 648 N83-32031  
 New flight control technologies for future naval aircraft [AD-A128624] p 751 N83-34955  
 Advanced digital controller development program, task 1 p 749 N83-36034  
 [AD-A129269] p 749 N83-36034  
**DIGITAL TECHNIQUES**  
 Application of pulse code modulation technology to aircraft dynamics data acquisition p 29 A83-10182  
 On the certification of digital computer programs for flight safety p 2 A83-11115  
 The employment of digital signal processing in radar devices Advantages and disadvantages for the practice p 26 A83-13014  
 Digital engine control unit - Future employment possibilities p 275 A83-24197  
 [DGLR PAPER 82-085] p 275 A83-24197  
 Recent developments in digital control for helicopter powerplants p 277 A83-24829  
 Application of digital image analysis techniques to antismoking fuel spray characterization p 295 A83-25690  
 [ASME PAPER 82-WA/HT-23] p 295 A83-25690  
 In-flight simulation of a digitally implemented direct force mode --- for flight control p 395 A83-32933

Fail-operational DAFCS for business/commuter aircraft --- Digital Automatic Flight Control System p 626 A83-43324  
 [SAE PAPER 830714] p 626 A83-43324  
 Army/NASA small turboshaft engine digital controls research program p 44 N83-11128  
 [NASA TM-82979] p 44 N83-11128  
 Digital flight control system validation technology assessment p 170 N83-15315  
 [NASA-CR-166374] p 170 N83-15315  
 Flight simulation test of National Aerospace Laboratory STOL-research-aircraft Part 1 STOL configuration [NAL-TR-713-PT 1] p 207 N83-17528  
 A modular approach to high reliability software generation with application to nonlinear control p 363 N83-22104  
 Development and application of digital control for tactical aircraft flutter suppression p 343 N83-22108  
**DIMENSIONAL MEASUREMENT**  
 The measurement of turbomachinery stator-to-drum running clearances p 743 A83-48005  
 [ASME PAPER 83-GT-204] p 743 A83-48005  
 Model deformation system p 292 N83-18767  
**DIMENSIONAL STABILITY**  
 Dimensional stability considerations for cryogenic metals p 291 N83-18759  
 Metallic alloy stability studies p 292 N83-18760  
**DIRECT CURRENT**  
 Direct-current power supply units GVG 800/350 p 746 A83-50115  
**DIRECT LIFT CONTROLS**  
 Automatic landing in bad weather conditions [SNIAS-822-111-106] p 381 N83-23287  
**DIRECTION FINDING**  
 Multimode planar spiral for DF applications p 430 A83-35089  
**DIRECTIONAL ANTENNAS**  
 Synthesis of conformal HF and VHF directional arrays on spherical bodies using surface resonator techniques p 181 A83-18679  
 Proceedings of the Antenna Applications Symposium (1982) p 765 N83-36338  
 [AD-A129356] p 765 N83-36338  
**DIRECTIONAL CONTROL**  
 A summary of NASA/FAA experiments concerning helicopter IFR airworthiness criteria p 584 A83-41079  
 Stability and control characteristics at Mach numbers 1.60 to 2.86 of a variable-sweep fighter configuration with supercritical airfoil sections --- Langley unitary plan wind tunnel tests p 52 N83-11141  
 [NASA-TM-X-2284] p 52 N83-11141  
**DIRECTIONAL SOLIDIFICATION (CRYSTALS)**  
 Ni-base MC-carbide reinforced eutectic alloys for jet engine application p 691 A83-44061  
 Preliminary science report on the directional solidification of hypereutectic cast iron during KC-135 low-G maneuvers p 470 N83-25854  
 [NASA TM-82528] p 470 N83-25854  
**DIRECTIONAL STABILITY**  
 F/A-18 high angle of attack departure resistant criteria for control law development p 626 A83-41950  
 [AIAA PAPER 83-2126] p 626 A83-41950  
 An improved method for predicting lateral-directional dynamic stability characteristics [SAE PAPER 830711] p 626 A83-43321  
 Wind-tunnel investigation of longitudinal and lateral-directional stability and control characteristics of a 0.237-scale model of a remotely piloted research vehicle with a thick, high-aspect-ratio supercritical wing [NASA-TM-81790] p 53 N83-11142  
 The application of parameter estimation to flight measurements to obtain lateral-directional stability derivatives of an augmented jet-flap STOL airplane [NASA-TP-2033] p 216 N83-16350  
 Analysis of nonplanar wing-tip-mounted lifting surfaces on low-speed airplanes p 424 N83-25667  
 [NASA-CR-3684] p 424 N83-25667  
 Calculation of lateral-directional stability derivatives of wings by a nonplanar quasi-vortex-lattice method [NASA-CR-165659] p 581 N83-30387  
 On the prediction of the lateral/directional characteristics of distributed jet STOL configurations [AD-A128902] p 688 N83-33905  
**DIRICHLET PROBLEM**  
 Subsonic wall interference corrections for finite-length test sections using boundary pressure measurements p 348 N83-20967  
**DISCRETE ADDRESS BEACON SYSTEM**  
 Performance analysis of a dwell-time processor for monopulse beacon radars p 200 A83-22726  
 Minimum TCAS 2 threat detection and resolution logic status p 145 N83-14089  
 TCAS 2 threat detection and resolution logic testing p 145 N83-14090  
 TCAS 2 [DV-10496] p 145 N83-14091

## SUBJECT INDEX

- Evaluation of TCAS 2 in an air carrier environment p 146 N83-14092
- Utility of traffic advisory information p 146 N83-14093
- Traffic alert and collision avoidance system p 146 N83-14094
- Preliminary summary of phase 1 Piedmont in-service evaluation of TCAS 2 p 146 N83-14095
- Summary of Daimler and Lincoln Laboratory PWI bearing performance p 146 N83-14096
- DISKS**
- Success of dye forging titanium discs on a gunpowder hammer p 60 N83-11053
- DISKS (SHAPES)**
- A new approach to fault-tolerant helicopter swashplate control [AIAA PAPER 83-2485] p 750 A83-48345
- DISORIENTATION**
- Theory underlying the peripheral vision horizon device [AD-A124426] p 445 N83-25710
- DISPLACEMENT**
- Feasibility of computing residual displacements in runways and crater repairs [AD-A118610] p 208 N83-12105
- Large displacements and stability analysis of nonlinear propeller structures p 218 N83-12460
- Measurements of self-excited rotor-blade vibrations using optical displacements [NASA TM-82953] p 183 N83-14523
- The matrix of axial and radial plays The present situation and perspectives --- turbojet engines p 541 N83-29253
- DISPLACEMENT MEASUREMENT**
- In flight deflection measurement of the HiMAT aerodynamically tailored wing p 189 A83-13167
- A precision inertial angular vibration measuring system p 644 N83-30758
- DISPLAY DEVICES**
- Color, pictorial display formats for future fighters p 35 A83-11134
- Airborne electronic terrain map display - An update p 35 A83-11135
- Integrated perceptual information for designers p 63 A83-11136
- Video stand-alone instrument multi-function cockpit display system p 35 A83-11172
- A cost effective approach to design evaluation of advanced system display switchology p 71 A83-11200
- Dot-matrix display light measurement and interpretation techniques --- for qualification tests techniques p 36 A83-11257
- The complete book of cockpits p 37 A83-11575
- Flight simulator display capability significantly advanced p 37 A83-12935
- Trend analysis concerning the displays and the keyboard of GPS navigation receivers for different applications p 37 A83-13010
- The employment of digital signal processing in radar devices - Advantages and disadvantages for the practice p 26 A83-13014
- Advanced Aircrew Display Symposium, 5th, Patuxent River, MD, September 15, 16, 1981, Proceedings p 196 A83-16126
- The maneuvering flight path display - An update p 196 A83-16130
- Advanced fighter technology integrator /AFTI/ F-16 display mechanization p 196 A83-16132
- Airborne electronic colour displays p 196 A83-16133
- 'Light bar' attitude indicator p 197 A83-16136
- Characteristics of flight simulator visual systems p 207 A83-16331
- Simulator studies to develop and improve flight attitude information p 197 A83-16334
- Simple CIG - An approach to visual simulation for procedure training --- Computer Image Generation p 207 A83-16335
- AOI displays in simulation --- Area Of Interest p 197 A83-16337
- The automated cockpit p 208 A83-20849
- Calligraphic/raster color display for simulation p 231 A83-22832
- Two years of training with the first true three-dimensional simulator p 218 A83-22833
- Computer-generated images in visual simulation and avionic technologies p 219 A83-22835
- Pilot task profiles, human factors, and image realism p 219 A83-22836
- Computer generated cockpit engine displays p 269 A83-26309
- Human factors in the application of large screen electronic displays to transport flight station design p 269 A83-26312

- A comparison of color versus black and white visual display as indicated by bombing performance in the 2B35 TA-4J flight simulator p 269 A83-26313
- Potential uses of two types of stereographic display systems in the airborne fire control environment p 270 A83-26314
- Flight deck display p 334 A83-27123
- Analysis of in-trail following dynamics of CDTI-equipped aircraft --- Cockpit Displays of Traffic Information p 390 A83-30161
- Advanced display techniques for training the multi-member tactical air crew [AIAA PAPER 83-1079] p 443 A83-36207
- Compensation for time delay in flight simulator visual-display systems [AIAA PAPER 83-1080] p 464 A83-36222
- Simulation evaluation of flight controls and display concepts for VTOL shipboard operations [AIAA PAPER 83-2173] p 575 A83-41668
- Development of terrain-following displays for the tornado aircraft p 680 A83-44687
- Application and experience of colour CRT flight deck displays p 680 A83-44688
- Four-dimensional flight management using colour CRT displays p 681 A83-44689
- Comparison of color and black and white visual displays as indicated by bombing performance in the 2B35 TA-4J flight simulator p 681 A83-44692
- Evolution of map display optical systems p 681 A83-44830
- Space technology - The art and science of ergonomics p 681 A83-45605
- Central operating and display unit for avionics systems p 722 A83-47193
- Operational and control display concepts for flight management systems in new generation transport aircraft [AIAA PAPER 83-2489] p 735 A83-48348
- A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 1 Technical discussion and results [NASA-TM-84258-PT-1] p 48 N83-10049
- Effect of control system delays on fighter flying qualities p 51 N83-10073
- Predictor symbology in computer-generated pictorial displays [NASA-CR-169441] p 72 N83-10803
- Avoidance maneuvers selected while viewing cockpit traffic displays [NASA-TM-84269] p 16 N83-11098
- Importance of topographic features and tactical annotations on maps used by Army aviators for nap-of-the-earth flight [AD-A118101] p 28 N83-11107
- An optimal control model approach to the design of compensators for simulator delay [NASA-CR-3604] p 32 N83-11113
- Image generation and display p 39 N83-11394
- Computer graphic presentation of conventional cockpit instruments [ARL/SYS-NOTE-82] p 197 N83-12082
- Generation of the mode select sensor network coverage map [ATC-98A] p 188 N83-13088
- Design and construction of a flexible autonomous electronic display device [TUBS/FB-80-12-02] p 221 N83-13824
- Evaluation of TCAS 2 in an air carrier environment p 146 N83-14092
- Pictorial formats Volume 3 Literature review [AD-A119223] p 155 N83-14114
- Pictorial formats Volume 1 Format development [AD-A119222] p 155 N83-14115
- Cockpit weather radar display demonstrator and ground-to-air slant telemetry system [NASA-CR-169830] p 210 N83-17534
- Benefits assessment of active control technology and related cockpit technology for rotorcraft [NASA-CR-166406] p 217 N83-17553
- Composite design of an advanced airborne monitoring system [DE82-006980] p 235 N83-18106
- Computers in avionics systems [NLR-MP-81063-U] p 236 N83-18291
- Design, development, and flight test of a demonstration advanced avionics system [NASA-TM-84323] p 270 N83-18721
- Traffic alert and collision avoidance system Developmental simulation [FAA-RD-82-49] p 260 N83-19732
- Simulator study of a flight director display [NASA-TM-84581] p 271 N83-19748
- Application of video multiplexing to design of cockpit display systems [AD-A122127] p 271 N83-19752

## DISTANCE MEASURING EQUIPMENT

- Impact of ergonomic studies on the design of civil aircraft cockpits p 267 N83-20184
- Three-Dimensional Displays Perceptual Research and Applications to Military Systems [AD-A122577] p 309 N83-20692
- Critical research issues on cockpit applications of 3-D displays p 272 N83-20697
- Issues in the evaluation of 3-D display applications p 309 N83-20699
- Applicability of 3D display research to operational needs p 272 N83-20702
- Operational and technical evaluation of the full digital Automated Radar Terminal Systems (ARTS) Display (FDAD) [AD-A122269] p 324 N83-20930
- Demonstration Advanced Avionics System (DAAS) [NASA-CR-166281] p 334 N83-20941
- Simulation fidelity and numerosity effects in CDTI experimentation [NASA-CR-166459] p 358 N83-21209
- Multi-man flight simulator [NASA-CR-166449] p 359 N83-21210
- Flight assessment of a data-link-based navigation-guidance concept [NASA TM-84493] p 319 N83-22168
- Minimum operational performance standards for airborne area navigation equipment using VOR/DME reference facility sensor inputs [RTCA/DO-180] p 325 N83-22175
- Motion/visual cueing requirements for vortex encounters during simulated transport visual approach and landing [NASA-TP-2136] p 333 N83-22192
- Time-based self-spacing techniques using cockpit display of traffic information during approach to landing in a terminal area vectoring environment [NASA-TM-84601] p 335 N83-22196
- An experimental investigation of the efficacy of automated weather data transmission to aircraft in flight [FAA-PM-83-11] p 390 N83-23302
- Replacement of electromechanical devices by cathode ray tubes [SNIAS-822-111 110] p 407 N83-23523
- Precision navigational filmstrips for use in DOD aircraft [AD-A124761] p 432 N83-25688
- Unmanned vehicle systems experiences at the Dryden Flight Research Facility --- remotely piloted vehicles [NASA-TM-84913] p 526 N83-27978
- The 5th Advanced Aircrew Display Symposium Proceedings [AD-A126132] p 531 N83-29206
- Recommended colours for use on airborne displays [RAE-TR-82110] p 610 N83-30411
- Human factors aspects of displays p 610 N83-30415
- Cockpit environment p 610 N83-30416
- Cathode ray tubes p 611 N83-30417
- Liquid crystal displays p 611 N83-30420
- Electroluminescent displays p 611 N83-30421
- Vacuum fluorescent tubes p 611 N83-30422
- Other types of display p 611 N83-30424
- Optical techniques for airborne displays p 611 N83-30425
- Applications p 611 N83-30426
- Effect of lead aircraft ground-speed on self spacing performance using a cockpit display of traffic information [NASA-TP-2194] p 736 N83-36028
- DISTANCE MEASURING EQUIPMENT**
- A procedure for the utilization of the signals of a DME transponder to determine the position of an aircraft from the ground p 26 A83-13016
- A new technique for the precision DME of microwave landing system p 186 A83-16448
- The role of advanced navigation in future air traffic management p 252 A83-23372
- Integrated navigation by supplementing MLS with DAS --- DME-based Azimuth System p 256 A83-24872
- Simple integrated navigation systems p 256 A83-24873
- Adjacent channel interference in the case of the precision distance measuring system DME/P p 258 A83-26480
- Estimation regarding the feasibility of using larger distances in measurements with L2F systems in flight tests --- Laser-two-Focus p 300 A83-26487
- VOR/DME automated station selection algorithm p 321 A83-28597
- DAS, a DME-supported multifunction system with a wide applications range for distance and angle measurements with data transfer p 722 A83-47199
- The measurement of turbomachinery stator-to-drum running clearances [ASME PAPER 83-GT 204] p 743 A83-48005
- Improvement of a captive trajectory system by using optical distance sensors --- store separation from aircraft [ONERA, TP NO 1983-115] p 753 A83-49426

**DISTILLATION**

- Tests of blending and correlation of distillate fuel properties p 59 A83-11050

**DISTORTION**

- Dynamic distortion in a short s-shaped subsonic diffuser with flow separation --- Lewis 8 by 6 foot Supersonic Wind Tunnel [AD-A124307] p 683 A83-45515  
Visual judgments of optical distortions in aircraft windcreens p 390 N83-24503  
Dynamic distortion in a short s-shaped subsonic diffuser with flow separation --- Lewis 8 by 6 foot Supersonic Wind Tunnel [NASA-TM-83412] p 459 N83-26838  
Aerothermodynamics of axial-flow compressors with water ingestion p 504 N83-27953  
A survey of inlet/engine distortion compatibility [NASA-TM-83421] p 536 N83-27991  
Test facility for basic research on distortion p 542 N83-29258

**DISTRIBUTED PARAMETER SYSTEMS**

- Advanced flight control design techniques and handling quality requirements p 51 N83-10075

**DISTRIBUTED PROCESSING**

- Demonstration Advanced Avionics System (DAAS) function description [NASA-CR-166282] p 26 N83-10027  
Digital system for structural dynamics simulation [NASA-CR-168019] p 174 N83-14139

**DISTRIBUTION MOMENTS**

- Comparison of rotor analysis results with aerodynamic windtunnel data p 194 N83-17487

**DISTURBANCES**

- Joint Airport Weather Studies (AWS) project p 704 N83-33840

**DIVERGENCE**

- Swept composite wing aeroelastic divergence experiments p 29 A83-10193

**DO-28 AIRCRAFT**

- Optimal design of a baro/radio supported inertial altitude system [DGLR PAPER 82-041] p 269 A83-24165  
The consideration of operational aspects for utility/commuter aircraft, taking into account the example of the Dornier 228 [DGLR PAPER 82-047] p 247 A83-24171  
The research aircraft of the Special Research Area 'Flight Control' as scientific test stand p 264 A83-26484  
Evaluation of aerodynamic derivatives from Do 28 TNT-free flight model tests [DFVLR-FB-82-17] p 265 N83-18711

**DOCUMENTATION**

- The A-7E software requirements document Three years of change data [AD-A121602] p 237 N83-18322  
Development studies for incorporation of air transportation documentation in the building up of a transport information system p 249 N83-18703

**DOCUMENTS**

- Records of achievement NASA special publications [NASA-SP-470] p 708 N83-33792

**DOMES (STRUCTURAL FORMS)**

- Target TV projector with dynamic raster shaping for use in dome simulators p 231 A83-22834  
Air-to-air combat in a plastic dome p 548 A83-40620  
Flow control about an airborne laser turret [AD-A123056] p 407 N83-23595

**DOORS**

- Serviceability evaluation of advanced composite F-14A main-landing-gear-strut doors and overwing fairings p 185 A83-20480  
An adjustment method and engineering realization for control curves of the 2-variable function p 32 N83-11045

- Adaptation of pultrusion to the manufacture of helicopter components [AD-A126291] p 491 N83-29171  
Improved interior emergency lighting study [DOT/FAA/CT-83/31] p 721 N83-36010

**DOPPLER EFFECT**

- A demonstration of relative positioning using conventional GPS Doppler receivers p 199 A83-19779  
Estimation of turbulence severity in precipitation environments by radar p 360 A83-27044

**DOPPLER NAVIGATION**

- Radio navigation and airplane navigation [AD-A120595] p 202 N83-16325

**DOPPLER RADAR**

- Applications of Doppler radar to aviation operations - JAWS experiences [AIAA PAPER 83-0205] p 188 A83-16583

- Doppler radar and aircraft measurements of thunderstorm turbulence p 360 A83-27043

**Radar detection of wingtip vortices**

- p 501 A83-38748

**A multi-function radar system for RPVs**

- p 593 A83-43722

**NASA airborne Doppler lidar program Data**

- characteristics of 1981 [NASA-CR-170667] p 220 N83-13706

- Summary Proceedings of a Wind Shear Workshop [NASA-CP-2270] p 410 N83-25265

- Numerical treatment of Doppler radar signals --- airport radar, video data [ENST-E-82014] p 478 N83-27114

- A conceptual framework for using Doppler radar acquired atmospheric data for flight simulation [NASA-TP-2192] p 526 N83-27977

**DORNIER AIRCRAFT**

- Development and testing of a high-technology amphibious flying vehicle p 724 A83-47192

**DOWNLINKING**

- Microwave Landing System (MLS) channel plans and traffic loading [DOT/FAA/RD-81/113] p 146 N83-14097

**DOWNWASH**

- Observation by helicopter-produced snow clouds p 197 A83-22357

- Average downwash at the tailplane at low angles of attack and subsonic speeds, Amendment A [ESDU-80020-AMEND-A] p 663 N83-32747

**DRAG**

- Development of aerodynamic prediction methods for irregular planform wings [NASA-CR-3664] p 195 N83-17515

- Two-dimensional transonic testing method p 347 N83-20962

- An experimental investigation of the influence from controls on supersonic axisymmetric flow over afterbodies with a centered propulsive jet [FFA-TN-1982-50] p 377 N83-23280

- Effect of trailing-edge flaps on sideforce and yawing moment derivatives due to sideslip, (Y sub v) sub f and (N sub v) sub f Amendment A [ESDU-81013-AMEND-A] p 663 N83-32755

**DRAG MEASUREMENT**

- A comparison of trim drag for conventional and supercritical wings [AIAA PAPER 83-0094] p 131 A83-16518

- Friction drag measurements of acoustic surfaces [AIAA PAPER 83-1356] p 422 A83-36414

- An altbody drag prediction technique for military airlifters [AIAA PAPER 83-1787] p 496 A83-38627

**DRAG REDUCTION**

- Reductions in parachute drag due to forebody wake effects p 178 A83-15315

- Propulsion installation characteristics for turbopfan transports [AIAA PAPER 83-0087] p 130 A83-16513

- Developments in the NASA transport aircraft laminar flow program [AIAA PAPER 83-0090] p 130 A83-16514

- A comparison of trim drag for conventional and supercritical wings [AIAA PAPER 83-0094] p 131 A83-16518

- SAMID, an interactive system for the analysis and constrained minimization of induced drag of aircraft configurations [AIAA PAPER 83-0095] p 149 A83-16519

- The design of a human-powered vehicle [AIAA PAPER 83-0649] p 180 A83-16816

- Trim Tank system for optimizing drag at the center of gravity [DGLR PAPER 82-030] p 284 A83-24156

- Investigation of the possibility of reducing aerodynamic drag by a mechanism of initial vortex formations p 374 A83-30723

- Research on non-planar wall geometries for turbulence control and skin-friction reduction p 374 A83-31975

- Optimal form of the middle surface of a wing with supersonic leading edge, assuring minimum drag for a prescribed lift force and pitching moment p 493 A83-37518

- Effects of nacelle position and shape on performance of subsonic cruise aircraft [AIAA PAPER 83-1124] p 519 A83-38079

- Flight investigation of natural laminar flow on the Bellanca Skyrocket II [SAE PAPER 830717] p 599 A83-43326

- Grumman's forward swept wing feasibility studies and X-29A technology demonstrator [SAVE PAPER 1454] p 602 A83-43736

- Wing tip devices for energy conservation and other purposes Experimental and analytical work in progress at the Lockheed-Georgia Company p 659 A83-44358

- Effects of external burning on spike-induced separated flow p 715 A83-48132

- Design integration of laminar flow control for transport aircraft [AIAA PAPER 83-2440] p 731 A83-49577

- Reduction of aerodynamic drag Torsion disc viscometry [AD-A117859] p 10 N83-10020

- Design of the leading edge of a delta wing [AD-A117469] p 31 N83-10036

- Aerodynamic characteristics of an improved 10-percent-thick NASA supercritical airfoil --- Langley 8 foot transonic tunnel tests [NASA-TM-X-2978] p 5 N83-11031

- A nonlinear structural concept for compliant walls --- drag reduction [NASA-CR-3628] p 11 N83-11061

- Passive shock wave/boundary layer control for transonic supercritical airfoil drag reduction p 180 N83-13068

- A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 1 [NASA-CR-159379] p 191 N83-16288

- A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 2 [NASA-CR-159380] p 191 N83-16289

- Subsonic balance and pressure investigation of a 60 deg delta wing with leading edge devices [NASA-CR-165923] p 246 N83-19714

- An experimental and theoretical investigation of the reduction in parachute drag caused by forebody wake effects Data compilation and program summary [DE83-005364] p 378 N83-24486

- Drag reduction by means of pneumatic turbulators [ESA-TT-743] p 505 N83-27965

- Flight test evaluation of drag effects on surface coatings on the NASA Boeing 737 TCV airplane [NASA-CR-165767] p 666 N83-33852

- Investigation of a third order baro-damped verticle channel of INS [AD-A124882] p 432 N83-26828

- Manufacturing methods for composite graphite hole generation [SAE PAPER 821418] p 557 A83-37976

- Analysis and flight data for a drone aircraft with active flutter suppression p 29 A83-10192

- Implementation of the DAST ARW II control laws using an 8086 microprocessor and an 8087 floating-point coprocessor --- drones for aeroelasticity research p 71 A83-11910

- Application of matrix singular value properties for evaluating gain and phase margins of multiloop systems --- stability margins for wing flutter suppression and drone lateral attitude control p 72 A83-12457

- Robustness analysis of a multiloop flight control system [AIAA PAPER 83 2189] p 619 A83-41675

- AN/USO-502 (CL 289) reconnaissance drone system p 601 A83-43704

- Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft p 628 N83-30380

- Characteristic time ignition model extended to an annular gas turbine combustor p 39 A83-10666

- Influence of multidroplet size distribution on icing collection efficiency [AIAA PAPER 83-0110] p 188 A83-16526

- Effect of air, liquid and injector geometry variables upon the performance of a plain-jet airblast atomizer p 473 A83-35809

- Further studies on the prediction of spray evaporation rates --- for aircraft fuels p 468 A83-35811

- The effect of fuel atomization on soot-free combustion in a prevaporizing combustor p 446 A83-35812

- Influence of atomizer design features on mean drop size p 612 A83-40865

- Experimental comparison of icing cloud instruments [AIAA PAPER 83-0026] p 585 A83-42099

- Drop size measurements in evaporating realistic sprays of emulsified and neat fuels [ASME PAPER 83-GT-231] p 756 A83-48027

- Microphysical influences on aircraft icing p 720 A83-49722

- The effect of additives on the aerosolization of JP-5 jet fuel [AD-A119324] p 178 A83-14294

- Comparison of modern icing cloud instruments [NASA-CR-168008] p 270 N83-18720

- Composite helicopter structure tested for crashworthiness p 675 A83-44875

- YAH-63 helicopter crashworthiness simulation and analysis  
[AD-A125642] p 510 N83-27970
- DROPS (LIQUIDS)**  
An analytical evaluation of the icing properties of several low and medium speed airfoils  
[AIAA PAPER 83-0109] p 131 A83-16525  
Trajectory with diffusion method for predicting the fuel distribution in a transverse stream  
[AIAA PAPER 83-0336] p 161 A83-16662  
Numerical simulation for droplet combustion using Lagrangian hydrodynamics p 537 N83-29210  
Structure of evaporating and combusting sprays  
Measurements and predictions p 538 N83-29211  
Fuel spray diagnostics p 538 N83-29212
- DRUMS (CONTAINERS)**  
Transfiling and maintenance of oxygen cylinders  
[SAE AIR 1059A] p 547 A83-38103
- DRY FRICTION**  
Effects of friction dampers on aerodynamically unstable rotor stages  
[AIAA PAPER 83-0848] p 392 A83-32791  
Design of dry-friction dampers for turbine blades p 450 A83-35883
- DUCTED FANS**  
Sound propagation in segmented exhaust ducts - Theoretical predictions and comparison with measurements  
[AIAA PAPER 83-0734] p 366 A83-28016  
ACV lift air systems - More puff for less power p 485 A83-34861
- DUCTED FLOW**  
The swirl in an S-duct of typical air intake proportions p 418 A83-35620  
Semi implicit calculation method of the flow field in a duct with the flame stabilized by a step --- for aircraft engine combustion chamber design  
[ONERA, TP NO 1983-52] p 446 A83-35820  
Sound propagation in ducts with impedance walls in the presence of an air flow II - Optimization of acoustic attenuation in ducts p 570 A83-37512  
Characteristics of the supersonic combustion of nonmixed gases in ducts p 758 A83-49778  
Pressure recovery of axisymmetric intakes at subsonic speeds  
[ESDU-80037] p 663 N83-32753
- DUCTILITY**  
Flight systems safety program  
[DE82-021833] p 413 N83-25529
- DUCTS**  
Cross spectra between temperature and pressure in a constant area duct downstream of a combustor  
[AIAA PAPER 83-0762] p 481 A83-33487  
Instantaneous, predictable balloon system descent from high altitude p 524 A83-39808  
Composite engine duct fabrication p 490 A83-39941  
Atmospheric effects on ultra high frequency radio propagation  
[AD-A119581] p 183 N83-14388  
The aerodynamic performance of several flow control devices for internal flow systems  
[NASA-TP-1972] p 221 N83-17560  
Effects of interstage diffuser flow distortion on the performance of a 15 41-centimeter tip diameter axial power turbine  
[NASA-TM-83359] p 394 N83-24505  
Early experience in using the Cryogenic Test Facility at RAE Bedford, England p 465 N83-25726
- DURABILITY**  
An analysis of the durability characteristics of aircraft structures on the basis of fracture mechanics p 354 A83-28477  
An overview of turbine engine structural design - Development trends in the Air Force  
[AIAA 83-0952] p 338 A83-29777  
Deterioration trending enhances jet engine hardware durability assessment and part management  
[AIAA PAPER 83-1234] p 453 A83-36297  
Development trends in engine durability --- for USAF aircraft gas turbines  
[AIAA PAPER 83-1297] p 455 A83-36329  
Durability and damage tolerance control plans for U.S. Air Force aircraft p 594 A83-41045  
The durability of aircraft tyres p 692 A83-44879  
Durability of commercial aircraft and helicopter composite structures p 61 N83-11243  
Aircraft surface coatings study - Verification of selected materials  
[NASA-CR-159288] p 61 N83-11331  
Turbine engine materials durability research p 202 N83-12163  
Durability of aircraft composite materials p 211 N83-12164
- Some considerations on short crack growth behaviour in aircraft structures  
[AGARD-R-696] p 646 N83-31061  
Durability of propeller shaft interference fits under variable cyclic loading --- ship propellers during storms  
[DRIC-T-6880] p 684 N83-32803  
Design, fabrication, installation and flight service evaluation of a composite cargo ramp skin on a model CH-53 helicopter  
[NASA-CR-172126] p 693 N83-33955  
Probabilistic fracture mechanics analysis methods for structural durability p 701 N83-34104  
A study of small crack growth under transport spectrum loading p 701 N83-34108  
Model HH-53 helicopter, durability and damage tolerance assessment report submittal  
[AD-A129255] p 734 N83-36027
- DUST**  
High temperature erosion study of INCO 600 metal p 468 A83-35247
- DUST COLLECTORS**  
Separation characteristics of the T700 engine inlet particle separator p 336 A83-27479
- DYADICS**  
Analysis of microstrip wraparound antennas using dyadic Green's function p 258 A83-26830
- DYNAMIC CHARACTERISTICS**  
Finite-length solutions for rotodynamic coefficients of turbulent annular seals  
[ASME PAPER 82-LUB-42] p 212 A83-13521  
Investigation of dynamic characteristics of an elastic wing due to correction of mass and stiffness matrices  
[AIAA PAPER 83-0653] p 150 A83-16818  
Identification of certain dynamic characteristics of a helicopter-autopilot system by means of simulation p 216 A83-23222  
Study on longitudinal dynamic characteristics of pilot-airplane system - Approach to the method for studying PIO problem --- Pilot-Induced Oscillation p 287 A83-26762  
Dynamic characteristics of the 40- by 60- /80- by 120-foot wind tunnel drive fan blades  
[AIAA 83-0918] p 346 A83-29846  
Application of system identification flight analysis techniques to the pitch-heave dynamics of an air cushion vehicle p 484 A83-34852  
Forced and self-excited vibrations of gas-turbine assemblies with perfect and perturbed symmetry p 458 A83-36791  
The dynamics of spatial linked quadrangle chains p 643 A83-42986  
A mathematical model of a single main rotor helicopter for piloted simulation  
[NASA-TM-84281] p 48 N83-10051  
Identification and stochastic control of helicopter dynamic modes p 157 N83-15283  
Application of dynamic gas bearings to cryogenic compressors and turbines p 185 N83-15540  
Rotodynamic instability Problems in High-Performance Turbomachinery p 186 N83-15629  
Field experiences with rub induced instabilities in turbomachinery p 186 N83-15631  
Shaft vibrations in turbomachinery excited by cracks p 187 N83-15635  
Design of helicopter rotor blades for optimum dynamic characteristics  
[NASA-CR 169940] p 266 N83-18716  
Literature search of publications concerning the prediction of dynamic inlet flow distortion and related topics p 282 N83-18729  
[NASA-CR-3673] p 282 N83-18729  
Aircraft dynamic response to damaged and repaired runways  
[AD-A124111] p 267 N83-19747  
Efficient algorithms for computing trim and small-disturbance equations of motion of aircraft coordinated and uncoordinated, steady, steep turns  
[NASA-TM-84324] p 343 N83-22205  
Flight dynamics analysis and simulation of heavy lift airships Volume 1 Executive summary  
[NASA-CR-166471 VOL-1] p 344 N83-22207  
Flight dynamics analysis and simulation of heavy lift airships, volume 4 User's guide Appendices  
[NASA-CR-166471 VOL-4] p 344 N83-22210  
Flight dynamics analysis and simulation of heavy lift airships Volume 5 Programmer's manual  
[NASA-CR-166471-VOL-5] p 344 N83-22211  
Development of methodology for horizontal axis wind turbine dynamic analysis  
[NASA-CR-168110] p 362 N83-22747  
Longitudinal flying qualities criteria for single pilot instrument flight operations p 545 N83-27997  
Determination of the dynamic environment of the F/FB-111 tail pod assembly p 606 N83-30716
- Analysis and correlation of the test data from an advanced technology rotor system  
[NASA-CR-3714] p 665 N83-32777  
Real-time simulation of jet engines with digital computer  
1 Fabrication and characteristics of the simulator  
[NASA-TM-77081] p 684 N83-32809
- DYNAMIC CONTROL**  
Dynamic characteristics of an integrated flight and fire control system p 46 A83-11208  
One new method of dynamic flight control p 568 A83-37447  
A new approach to exact model-matching with applications to aircraft systems p 650 A83-41477  
Dynamic stability of flight vehicles  
[AD-A119637] p 170 N83-14137  
Output feedback regulators for aircraft automatic control systems p 546 N83-28002
- DYNAMIC LOADS**  
Feasibility of computing residual displacements in runways and crater repairs  
[AD-A118610] p 208 N83-12105  
Methods used at Aerospatiale for calculating the loads on a rotor and experimental cross checks p 194 N83-17486  
Labyrinth seal forces on a whirling rotor  
[NASA-CR-168016] p 339 N83-22198  
Analysis and correlation of the test data from an advanced technology rotor system  
[NASA-CR-3714] p 665 N83-32777  
Designing with rolling bearings Part 3 Special types  
[ESDU-82014] p 698 N83-33160
- DYNAMIC MODELS**  
A dynamic model for aircraft poststall departure  
[AIAA PAPER 83-0367] p 150 A83-16674  
A simulation model for the analysis of the dynamic behavior of a helicopter rotor under nonstationary limit flight conditions p 204 A83-23220  
Identification of helicopter rotor dynamic models  
[AIAA 83-0988] p 330 A83-29866  
Anti-flutter control concept using a reduced non-linear dynamic model of elastic structure aircraft  
[AIAA 83-0993] p 341 A83-29870  
An algorithm of flight simulation on a dynamic stand of support type p 462 A83-34429  
Dynamic modeling of an air cushion vehicle p 486 A83-35054  
A dynamic model of turbojet in starting at high altitude p 447 A83-35846  
An atmospheric sounding balloon with ballast An automatic numerical model for its manufacture and simulation of its evolution p 524 A83-39804  
Diagnostics of the conditions of gas-turbine engines using models reflecting the dynamics of changes in the controlled parameters p 614 A83-42133  
Analysis of aircraft dynamic behavior in a crash environment p 674 A83-43966  
Optimal controller design for a helicopter using its lower order dynamic model  
[AIAA PAPER 83-2550] p 750 A83-48371  
The HAVE BOUNCE Program p 157 N83-15291  
First results for the definition of a general rotorcraft dynamic program p 236 N83-17483  
A control model for maneuvering flight for application to a computer flight testing program  
[NLR-MP-81046-U] p 207 N83-17531  
Identification of primary flight control system characteristics from dynamic measurements  
[VTH-LR-348] p 546 N83-28003  
Analytical calculation of a single jet in cross-flow and comparison with experiment p 538 N83-29219  
Improvements in the dynamic simulation of gas turbines p 543 N83-29264  
Techniques for determining engine stall recovery characteristics p 543 N83-29265
- DYNAMIC PRESSURE**  
Sting line feasibility for force measurements in the European wind tunnel  
[ONERA, TP NO 1982-90] p 207 A83-14541  
Open seat ejection at high dynamic pressure. A radical approach p 190 A83-15308  
Influence of blade tip clearance on aerodynamically induced vibration  
[AD-A123125] p 394 N83-23312
- DYNAMIC PROGRAMMING**  
On pursuit-evasion between two realistic aircraft  
[SAAB-TN-AE-75] p 705 N83-33641
- DYNAMIC RESPONSE**  
An experimental study of the unsteady response of the rotor blades of an axial flow compressor operating in the rotating stall regime  
[AIAA PAPER 83-0001] p 129 A83-16454  
Unbalance response analysis of a complete turbomachine p 228 A83-19674  
Characterization of the dynamical response of receivers to fading p 299 A83-26471

- Flutter and forced response of mistuned rotors using standing wave analysis  
[AIAA 83-0845] p 357 A83-29823
- Dynamic taxi response (have bounce) testing of the C-5A aircraft  
[AIAA PAPER 83-1024] p 386 A83-32783
- Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight p 433 A83-33506
- Impact damping and airplane towing p 428 A83-33625
- The response of aircraft to pulse excitation p 434 A83-34312
- Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight p 435 A83-35948
- Formulation and solution of rotary-wing aeroelastic stability and response problems p 600 A83-43673
- Evaluation of four subcritical response methods for on-line prediction of flutter onset in wind tunnel tests p 753 A83-48212
- Practical applications of system identification in flutter testing p 753 A83-49182
- Digital calculation of the propagation in time of the aircraft gust response covariance matrix p 48 N83-10053
- Analysis of subcritical response measurements from aircraft flutter tests p 52 N83-10269
- Aircraft response to operations on rapidly repaired battle damaged runways and taxiways p 31 N83-10270
- A general program for predicting rigid-aircraft gust response [ARL/AERO-NOTE-407] p 203 N83-12097
- Aircraft Dynamic Response to Damaged and Repaired Runways [AGARD-CP-326] p 157 N83-15284
- The repaired runway clearance environment p 176 N83-15290
- The HAVE BOUNCE Program p 157 N83-15291
- Development of a cost effective approach to modelling aircraft response to repaired runways p 157 N83-15293
- A fighter landing gear for the 1980's p 158 N83-15301
- A study of analytic modeling techniques for landing gear dynamics [AD-A122312] p 267 N83-19745
- Enhanced manual controllability via active control of aeroelastic vehicles [NASA-CR-170118] p 342 N83-20952
- Further advances in helicopter vibration control p 334 N83-22477
- Some methods for the derivation of taxiing loads for undercarriages with linear or nonlinear properties [NLR-TR-81110-U] p 389 N83-23297
- Airworthiness and Flight Characteristics test (A&FC) of AH-1S with Aircraft General Purpose Dispenser System (AGPDS) [AD-A125978] p 528 N83-29199
- An overview of engine dynamic response and mathematical modeling concepts p 542 N83-29262
- Techniques for determining engine stall recovery characteristics p 543 N83-29265
- Correlation aspects in the identification of dynamic effects using complementary techniques flight in turbulence Gust alleviation p 628 N83-30374
- Aspects of correlation in the identification of dynamic effects from complementary techniques Evolution at high angles p 628 N83-30375
- Theoretical investigation of the force and dynamically coupled torsional-axial-lateral dynamic response of eared rotors [NASA-CR-173013] p 705 N83-34656
- DYNAMIC STABILITY**
- Concepts of stochastic stability in rotor dynamics p 152 A83-18382
- Dynamic stability of a flight vehicle near a perturbed surface p 396 A83-33008
- A study of the statistical dynamics of flight vehicles p 396 A83-33009
- An over-view of UTIAS research on the dynamic stability of air cushion vehicles p 484 A83-34853
- Technical aspects of the AEROBAC AB-7 p 484 A83-34858
- Computer studies of ACV heave dynamics stabilization p 486 A83-35055
- Stability of aircraft motion in critical cases p 544 A83-37066
- The method of pole displacement in the artificial stabilization of dynamic systems p 705 A83-46500
- Stability and control for high angle of attack maneuvering p 50 N83-10069
- Dynamic stability characteristics in pitch, yaw, and roll of a supercritical-wing research airplane model — langley 8-foot transonic tunnel tests [NASA-TM-X-2900] p 4 N83-11023

- Stability and control of the Gossamer human powered aircraft by analysis and flight test [NASA-CR-3627] p 11 N83-11062
- A computer program for obtaining airplane configuration plots from digital Datcom input data [NASA-TM-84639] p 331 N83-20933
- Designing for stability in advanced turbine engines p 543 N83-29266

**DYNAMIC STRUCTURAL ANALYSIS**

- In-flight structural dynamic characteristics of the XV-15 tilt-rotor research aircraft p 29 A83-10191
- An efficient triangular plate bending finite element for crash simulation p 64 A83-12755
- Nonlinear flapping vibrations of rotating blades p 66 A83-13004
- Application of fatigue-strength analysis to the evaluation of the consequences of local damage and the effects of wing-shell repairs III - An example of the application of fatigue-strength analysis using a specific fatigue wear p 213 A83-14620
- A program system for dynamic analysis of aeronautical structures /HAJIF-II/ p 215 A83-15545
- System identification and aircraft flutter p 215 A83-15546
- Dynamic analysis of constant-lift and free-tip rotors p 181 A83-18386
- Multi-level substructural analysis in modal synthesis - Two improved substructural assembling techniques p 300 A83-26764
- Statistical crack propagation in fastener holes under spectrum loading [AIAA 83-0808] p 356 A83-29808
- Near-real-time flutter boundary prediction from turbulence excited response [AIAA 83-0814] p 356 A83-29814
- The coupled aeroelastic response of turbomachinery blading to aerodynamic excitations [AIAA 83-0844] p 357 A83-29822
- Bending effects on structural dynamic instabilities of transonic wings [AIAA 83-0920] p 358 A83-29887
- Structural dynamics studies of rotating bladed-disk assemblies coupled with flexible shaft motions [AIAA PAPER 83-0919] p 392 A83-32787
- Transient blade response due to surge induced structural loads [SAE PAPER 821438] p 533 A83-37986
- Status of FAA crash dynamics program - Transport category aircraft [SAE PAPER 821483] p 507 A83-38002
- Blade loss transient dynamic analysis of turbomachinery p 612 A83-40884
- The dynamic collapse of a column impacting a rigid surface p 639 A83-40873
- Rigid-body structural mode coupling on a forward swept wing aircraft p 594 A83-41046
- Impact of aircraft structural dynamics on integrated control design [AIAA PAPER 83-2216] p 596 A83-41698
- Analysis of aircraft dynamic behavior in a crash environment p 674 A83-43966
- Structural response due to blade vane interaction [ASME PAPER 83-GT-133] p 740 A83-47960
- Substructuring and wave propagation - An efficient technique for impeller dynamic analysis [ASME PAPER 83-GT-150] p 741 A83-47969
- Effects of static friction on the forced response of frictionally damped turbine blades [ASME PAPER 83-GT-155] p 741 A83-47981
- Vibration analysis of radial compressor impellers [ASME PAPER 83-GT-156] p 761 A83-47982
- International Symposium on Aeroelasticity, Nuremberg, West Germany, October 5-7, 1981, Collected Papers [DGLR BERICHT 82-01] p 711 A83-49176
- Evaluation of a damage accumulation monitoring system as an individual aircraft tracking concept [AD-A118768] p 193 N83-12076
- Multi point excitation ground resonance test facility at British Aerospace Warton [BAE-TN-5411] p 209 N83-13128
- Digital system for structural dynamics simulation [NASA-CR-168019] p 174 N83-14139
- Aircraft Dynamic Response to Damaged and Repaired Runways [AGARD-CP-326] p 157 N83-15284
- Influence of mathematic modelling of undercarriages on the prediction of aircraft loads due to damaged and repaired runways p 157 N83-15292
- Development of a cost effective approach to modelling aircraft response to repaired runways p 157 N83-15293
- A method for the numerical simulation of an aircraft undercarriage system p 176 N83-15295
- The problem of design criteria for aircraft loads due to rough runway operation p 158 N83-15298

- Landing gear shock absorber development to improve aircraft operating performance on rough and damaged runways p 158 N83-15299
- Roughness considerations for transport aircraft p 158 N83-15300
- The role of analysis in the aerodynamic design of advanced rotors p 192 N83-17471
- Application of a systematic finite-element model modification technique to dynamic analysis of structures [NASA-TM-83292] p 301 N83-19124
- Advanced manufacturing development of a composite empennage component for L-1011 aircraft [NASA-CR-172659] p 440 N83-25693
- The Shock and Vibration Bulletin, no 52 Part 1 Welcome, keynote address, invited papers, rotor dynamics and machinery vibration [BULL-52-PT-1] p 644 N83-30684
- Structures and Dynamics Division Research and technology plans for FY 1983 and accomplishments for FY 1982 [NASA-TM-85661] p 648 N83-32095

**DYNAMIC TESTS**

- Advanced facility for processing aircraft dynamic test data p 53 A83-10189
- Support interference in static and dynamic tests --- of wind tunnel models at high angles of attack p 55 A83-11074
- Static and dynamic tolerance tests of an advanced composite vertical fin for L-1011 aircraft [AIAA 83-0970] p 328 A83-29780
- Control of the material properties and structural application of carbon fibre reinforced plastics [AIAA PAPER 83-0859] p 403 A83-32790
- Design and experimentation within the Mobility Development Laboratory (MDL) utilizing the Static and Dynamic Test Machines p 630 A83-42549
- Hyperbolic dynamic testing of ablating models with three-degree-of-freedom gas bearings p 753 A83-48135
- The effect of the stator with unequal pitch cascades on the compressor blade vibration p 42 N83-10013
- Tire Modeling [NASA-CP-2264] p 359 N83-21391

**E****E-2 AIRCRAFT**

- HP-41CV Flight Performance Advisory System (FPAS) for the E-2C, E-2B and C-2A aircraft [AD-A119580] p 156 N83-14118

**EAR PROTECTORS**

- Interior noise and vibration measurements on operational military helicopters and comparisons with various noise quality criteria [NASA-TM-84664] p 653 N83-32518

**EARLY WARNING SYSTEMS**

- Simulation versus simulation — as illustrated with Mission System Avionics for Airborne Early Warning Nimrod p 185 A83-16332
- Infrared fiber early warning receiver p 682 A83-46640

**EARPHONES**

- Measurements of the attenuation of an Army headset [BR84535] p 309 N83-20704

**ECOLOGY**

- Runway 18 West under discussion On icy winds in the airport controversy [FACHTHEMEN-1] p 400 N83-23320

**ECONOMIC ANALYSIS**

- Economic modeling of fault tolerant flight control systems in commercial applications p 46 A83-11156
- Economic evaluation of a standard product of fiber-reinforced composite material in comparison with steel p 551 A83-38875
- Minister reviews plans for raising efficiency of civil aviation p 176 N83-13062
- Economic analysis of aeronautical research and technology [NASA-CR-170083] p 368 N83-22025
- Air Traffic Control in Face of Users' Demand and Economy Constraints [AD-A127146] p 325 N83-22177
- Transportation Energy Conservation Through Land Use Planning [PB83-148387] p 475 N83-25919
- A structural-ceramic research program A preliminary economic analysis [DE83-014263] p 766 N83-36499

**ECONOMIC FACTORS**

- Air traffic and requirements for future passenger aircraft [DGLR PAPER 82-024] p 241 A83-24151
- Economic conditions and key points of BMFT air transport research requirements in the eighties [DGLR PAPER 82-044] p 242 A83-24168



- Aircraft noise and the airport community  
[AIAA PAPER 83-1580] p 409 A83-33352
- Multiplication effects due to wages, salaries and commissions paid at the airport  
[FACHTHEMEN-4] p 400 N83-23323
- Economic riveting — metal fatigue p 697 N83-32714
- ECONOMIC IMPACT**  
A practical economic criterion for fuel conservation p 239 N83-17468
- Dynamic control of inbound flights for minimum cost operation p 326 N83-22186
- Status, trends and implications of carbon fiber material use  
[PB83-147751] p 471 N83-26934
- Economic effects of noise abatement regulations on the helicopter industry  
[AD-A127331] p 576 N83-30356
- ECONOMICS**  
Co-ordination in aviation in southern Africa p 320 N83-23210
- Runway 18 West under discussion On icy winds in the airport controversy  
[FACHTHEMEN-1] p 400 N83-23320
- EDDY CURRENTS**  
Multisegment eddy current probe p 214 A83-15191
- Eddy current impedance plane analysis p 231 A83-22410
- Research to develop and evaluate advanced eddy current sensors for detecting small flaws in metallic aerospace components  
[AD-A125873] p 564 N83-29726
- EDUCATION**  
A conceptual design program for educational purposes  
[AIAA PAPER 83-2473] p 727 A83-48339
- Aeronautics - A coop aerospace education program at University of Sherbrooke, Canada  
[AIAA PAPER 83-2474] p 770 A83-48340
- Formulation of a helicopter preliminary design course  
[AIAA PAPER 83-2521] p 728 A83-48363
- Methods for teaching aerospace vehicle design  
[AIAA PAPER 83-2475] p 771 A83-49582
- EFFECTIVE PERCEIVED NOISE LEVELS**  
Laboratory studies of scales for measuring helicopter noise  
[NASA-CR-3610] p 74 N83-11839
- USAF Environmental Noise Data Handbook Volume 150 C-140 in-flight crew noise  
[AD-A120508] p 238 N83-17246
- USAF Bioenvironmental Noise Data Handbook Volume 152 C-12A in-flight crew noise  
[AD-A120509] p 238 N83-17247
- EFFICIENCY**  
Minister reviews plans for raising efficiency of civil aviation p 176 N83-13062
- The use of vortex generators as inexpensive compressor casing treatment p 459 N83-26788
- Fuel conservation evaluation of US Army helicopters Part 3 UH-1H flight testing  
[AD-A125667] p 527 N83-27985
- Small transport aircraft technology propeller study  
[NASA-CR-168045] p 506 N83-29178
- Propeller performance and weight predictions appended to the Navy/NASA engine program  
[NASA-TM-83458] p 684 N83-32810
- High-temperature-turbine technology program Phase 2 Technology test and support studies Transpiration cooled turbine vane aerodynamic cascade results and analysis  
[DE83-010307] p 765 N83-35404
- EGRESS**  
Explosively activated egress area  
[NASA-CASE-LAR-12624-1] p 713 N83-35992
- EIGENVALUES**  
Closed-loop eigenvalue selection for reduced autopilot sensitivity to radome errors  
[AIAA PAPER 83-0062] p 140 A83-16494
- Eigensolutions for liners in uniform mean flow ducts p 237 A83-19810
- Constrained eigenvalue/eigenvector assignment - Application to flight control systems p 215 A83-21006
- Gain selection method and model for coupled propulsion and airframe systems p 52 N83-11139
- Influence of parameter changes to stability behavior of rotors p 187 N83-15648
- Eigenspace techniques for active flutter suppression  
[NASA-CR-169858] p 217 N83-17556
- Application of a systematic finite-element model modification technique to dynamic analysis of structures  
[NASA-TM-83292] p 301 N83-19124
- Modification of flight vehicle vibration modes to account for design changes p 607 N83-30790
- EIGENVECTORS**  
Constrained eigenvalue/eigenvector assignment - Application to flight control systems p 215 A83-21006
- Active flutter suppression using eigenspace and linear quadratic design techniques  
[AIAA PAPER 82-2222] p 621 A83-41702
- EJECTION**  
Calculation of the flow rate characteristic of a jet-throttling hydraulic distributor with allowance for the ejection properties of a tube-plate system p 598 A83-42128
- EJECTION INJURIES**  
An analysis of the fatality rate data from 'jettison-canopy' and 'through-the-canopy' ejections from automated airborne escape systems p 182 A83-15403
- Preliminary generalized thoughts concerning ejection flail phenomena p 182 A83-15404
- Preliminary overview analyses of U.S. Navy Aircrew Automated Escape Systems /AAES/ in-service usage data p 182 A83-15405
- Preliminary generalized thoughts concerning jettisoned vs through-the-canopy ejection escape systems p 182 A83-15406
- Preliminary analyses of flail, windblast and tumble problems and injuries associated with usage of U.S. Navy Aircrew Automated Escape Systems /AAES/ p 183 A83-15407
- The United States Navy's injury experience in aircraft mishaps p 184 A83-15441
- EJECTION SEATS**  
Open seat ejection at high dynamic pressure - A radical approach p 190 A83-15308
- Preliminary overview analyses of U.S. Navy Aircrew Automated Escape Systems /AAES/ in-service usage data p 182 A83-15405
- Computerized design of CAD --- Charge Activated Devices p 215 A83-15415
- First stage propulsion for the maximum performance ejection system p 190 A83-15421
- MPES update 1981 --- Navy Maximum Performance Ejection System program p 190 A83-15425
- Easiest ejection seat stability and control analysis capability p 190 A83-15428
- Design and development of Cartridge Actuated Device /CAD/ primer p 209 A83-15433
- Advanced escape system design for future combat aircraft p 190 A83-15436
- Development and testing of a microwave radiometric vertical sensor for application to a vertical seeking aircrew escape system p 195 A83-15437
- The next generation - The Stencil S45 ejection seat development program p 191 A83-15440
- Design considerations for a electrical signal transmission subsystem /STS/ for the maximum performance ejection system /MPES/ p 191 A83-15442
- Assessment of advanced ejection seat concepts /A progress report/ p 191 A83-15444
- Performance assessment of a reclined ejection seat p 516 A83-37879
- Control law design for ejection seats  
[AIAA PAPER 83-2204] p 595 A83-41688
- The Air Force ejection seat as a vehicle for digital flight control  
[AIAA PAPER 83-2205] p 596 A83-41689
- Preliminary development of the XV (Ex-Vee) aircrew restraint  
[AD-A118991] p 139 N83-14079
- Instrumentation requirements for assessing occupant response to three dimensional high acceleration environments p 302 N83-18434
- Aircraft acceleration sensitive inertia reel lock  
[AD-A122208] p 250 N83-19723
- Catapult dynamics in a high acceleration environment  
[AD-A122314] p 250 N83-19724
- Ejection seat testing for females  
[AD-A122870] p 381 N83-23285
- ACES II negative Gz restraint investigation  
[AD-A124713] p 430 N83-25685
- Bail out simulation of an F-16 ejection seat by means of a blast simulator  
[PML 1982-7] p 585 N83-30398
- Ejection seat-mounted crewmember restraint integrated with survival vest and flotation  
[AD-A126859] p 585 N83-30399
- Aircraft acceleration sensitive inertia reel lock  
[AD-A126739] p 721 N83-34924
- Development of a continuous mode sequencing concept for ejection seats  
[AD-A128966] p 721 N83-36012
- EJECTORS**  
Entrainment and mixing in thrust augmenting ejectors  
[AIAA PAPER 83-0172] p 419 A83-36046
- Ejector nozzle test results at simulated flight conditions for an advanced supersonic transport propulsion system  
[AIAA PAPER 83-1287] p 454 A83-36323
- A new ejector concept for V/STOL aircraft  
[AIAA PAPER 83-2514] p 745 A83-48358
- Conceptual design, evaluation and research identification for Remote Augmented Propulsive Lift Systems (RALS) with ejectors for VTOL aircraft  
[NASA-CR-167906] p 202 N83-13103
- Experimental investigation of thrust augmenting ejectors using vane excited primary jets  
[AD-A120424] p 167 N83-15313
- Proceedings Ejector Workshop for Aerospace Applications  
[AD-A124264] p 395 N83-24510
- Advances in ejector technology: A tribute to Hans von Ohain's vision p 477 N83-26805
- Model aerodynamic test results for a refined actuated inlet ejector nozzle at simulated takeoff and cruise conditions  
[NASA-CR-168051] p 426 N83-26816
- Aerodynamic ejectors in the UK  
[BAE-KRS-N-GEN-243] p 607 N83-31594
- ELASTIC ANISOTROPY**  
Anisotropic beam theory and applications p 65 A83-12756
- ELASTIC BENDING**  
Generalization of the results of calculations of the stressed state of structures with cutouts --- such as wing and fuselage combinations p 556 A83-37268
- ELASTIC BODIES**  
Investigation of dynamic characteristics of an elastic wing due to correction of mass and stiffness matrices  
[AIAA PAPER 83-0653] p 150 A83-16818
- The aeroelastic behavior of curved helicopter blades in hovering and axial flight p 203 A83-21017
- Integro-differential equations of the dynamics of elastic systems in nonstationary flows --- flight vehicle dynamics in turbulent nonseparated flow p 474 A83-35933
- Design Optimization Codes for Structures - DOCS computer program p 694 A83-43974
- Calculation of the lift distribution and aerodynamic derivatives of quasi-static elastic aircraft p 10 N83-11036
- ELASTIC DAMPING**  
On the damping effect of sloshing fluid on flexible rotor systems  
[ASME PAPER 82-DET-140] p 65 A83-12783
- Bending vibrational behavior of laminated rotors --- German thesis p 182 A83-19620
- ELASTIC DEFORMATION**  
In-flight deflection measurement of the HiMAT aeroelastically tailored wing p 189 A83-13167
- Nonlinear supersonic flutter of panels considering shear deformation and rotary inertia p 473 A83-34315
- Simplified method for nonlinear structural analysis  
[NASA-TP-2208] p 703 N83-34372
- ELASTIC MEDIA**  
Structural optimization with dynamic behavior constraints  
[AIAA 83-0936] p 355 A83-29766
- ELASTIC PLATES**  
A nonlinear structural concept for compliant walls --- drag reduction  
[NASA-CR-3628] p 11 N83-11061
- ELASTIC PROPERTIES**  
A simplified model of the influence of elastic pitch variations on the rotor flapping dynamics p 204 A83-21025
- Control of the material properties and structural application of carbon fibre reinforced plastics  
[AIAA PAPER 83-0859] p 403 A83-32790
- Analytical methods with application to the Pathfinder 1 model p 291 N83-18753
- Elastic stresses in the adhesive in single step double lap bonded joints  
[ESDU-80011] p 699 N83-33190
- Unsymmetric laminated graphite/epoxy composite plate and beam analysis for determining coefficients of thermal expansion  
[AD-A128625] p 765 N83-35416
- ELASTIC SHEETS**  
Green's function solution and applications for cracks emanating from a circular hole in an infinite sheet p 764 A83-49599
- ELASTIC WAVES**  
Strong pressure waves in air-breathing engines p 715 A83-48216
- Analysis of the effects of explosive fuel ignition on an aircraft noise suppressor system p 43 N83-10247
- ELASTODYNAMICS**  
Change in vibrations of an flexible rotor due to a change in bearings p 558 A83-39423
- Determination of zones of crack distribution in flexible specimens --- of aluminum alloys p 551 A83-39509
- ELASTOHYDRODYNAMICS**  
An investigation into the effect of coolant flow on the vibration characteristics of hollow blades conveying fluid  
[ASME PAPER 83-GT-217] p 762 A83-48017

## ELASTOMERS

- Fluoroelastomers --- materials for hostile fluid environments p 469 A83-36066  
 Power turbine dynamics - An evaluation of a shear-mounted elastomeric damper [ASME PAPER 83-GT-228] p 763 A83-48025  
 Aircraft surface coatings study Verification of selected materials [NASA-CR-159288] p 61 N83-11331

## ELASTOPLASTICITY

- Three-dimensional elastoplastic finite element analysis p 300 A83-26767

## ELECTRIC CHARGE

- Corona type sensor for aircraft electrical potential measurement [ONERA, TP NO 1982-73] p 195 A83-14530  
 Detection and ranging of electric charged helicopters p 607 N83-31189  
 Electric charging by impact of hailstones and raindrops p 649 N83-31231

## ELECTRIC CONTROL

- All-electric vs conventional aircraft - The production/operational aspects p 386 A83-32576  
 Electrohydraulic fuel-flow regulator for gas-turbine-engine control systems p 458 A83-36793  
 The all electric airplane-benefits and challenges [SAE PAPER 821434] p 518 A83-37982

## ELECTRIC CORONA

- Laboratory and in flight passive dischargers characterization --- for elimination of electrostatic radiation interference [ONERA, TP NO 1983-54] p 719 A83-48176  
 Atmospheric electricity threat definition for aircraft lightning protection p 586 N83-31192

## ELECTRIC CURRENT

- NDE of fastener hole cracks by the electric current perturbation method p 214 A83-15192  
 Demonstration and analysis of an improved nondestructive evaluation (NDE) method for rotary wing head spindle threads [AD-A128741] p 712 N83-34890  
 Performance of the Sandia Lightning Simulator during F-14A and F/A 18 aircraft lightning tests [DE83-009288] p 721 N83-34926

## ELECTRIC DISCHARGES

- Discharge rate capability of nickel-cadmium aircraft batteries p 336 A83-27190  
 Electrostatic voltage sensors for helicopter dischargers p 612 N83-31188  
 Electrostatic theory applied to helicopter discharging p 587 N83-31210

## ELECTRIC EQUIPMENT

- Methods for minimizing the effects of lightning transients on aircraft electrical systems p 29 A83-11088  
 ECS schemes for All Electric Airliners [SAE PAPER 820870] p 263 A83-25769  
 All-electric vs conventional aircraft - The production/operational aspects p 386 A83-32576  
 Design aspects of systems in all-electric aircraft [SAE PAPER 821436] p 518 A83-37984  
 Atmospheric electricity hazards protection program p 649 N83-31165

## ELECTRIC EQUIPMENT TESTS

- Design for random - An example --- vibration testing power supply for drone aircraft p 405 A83-30856  
 High voltage testing Volume 2 Specifications and procedures [AD-A122355] p 360 N83-22517

## ELECTRIC FIELD STRENGTH

- Detection and ranging of electric charged helicopters p 607 N83-31189

## ELECTRIC FIELDS

- A review and comparison of lightning return stroke models using experimental data [AD-A124680] p 479 N83-26345  
 Airborne measurements of the risetimes in lightning return stroke fields p 649 N83-31200  
 Lightning field spectra obtained from airborne measurements p 649 N83-31201  
 Nanosecond resolution of E, H and I in aircraft lightning test rigs p 647 N83-31212

## ELECTRIC GENERATORS

- On the design and test of an advanced containment structure for PM machines --- in aircraft electrical power systems p 40 A83-11206  
 A 400 Hz starter/generator system --- for aircraft engines p 40 A83-11207  
 The development of a central electrical generating system for transport vehicles p 300 A83-26885  
 Brushless generators for remote piloted vehicles p 616 A83-43709  
 The 60-Hz to 400-Hz electrical power conversion [AD-A122040] p 302 N83-20007

Compressed-air energy storage preliminary design and site development program in an aquifer Volume 5, Part 1 Turbomachinery design [DE83-004005] p 362 N83-22759

Advanced electrical power system technology for the all electric aircraft [NASA-TM-83390] p 407 N83-24764  
 Detection and ranging of electric charged helicopters p 607 N83-31189

Improved combustion-turbine efficiency with reformed-alcohol fuels [DE83-005713] p 699 N83-33169  
 High voltage design guide Volume 4 Aircraft [AD-A129530] p 766 N83-36372

## ELECTRIC MOTOR VEHICLES

A structural-ceramic research program A preliminary economic analysis [DE83-014263] p 766 N83-36499

## ELECTRIC NETWORKS

Investigation of network tree technology as a tool for developing effective fault isolation procedures p 63 A83-11231

## ELECTRIC POTENTIAL

Corona type sensor for aircraft electrical potential measurement [ONERA, TP NO 1982-73] p 195 A83-14530  
 Electrostatic voltage sensors for helicopter dischargers p 612 N83-31188  
 Recent lightning induced voltage test technique investigations p 646 N83-31194  
 A mathematical model for the doubly fed wound rotor generator [NASA-TM-83454] p 702 N83-34192

## ELECTRIC POWER

Emergency power for the F-16 aircraft [ASME PAPER 83-GT-189] p 742 A83-47995

## ELECTRIC POWER PLANTS

Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 2 [DE82 903304] p 303 N83-20166

## ELECTRIC POWER SUPPLIES

Aircraft power management control system designed for fast response and high reliability p 40 A83-11151  
 Integrated electrical power and avionics control system p 40 A83-11205  
 On the design and test of an advanced containment structure for PM machines --- in aircraft electrical power systems p 40 A83-11206  
 Electric power supply of aircraft --- Russian book p 199 A83-14115

The development of a central electrical generating system for transport vehicles p 300 A83-26885  
 Low power, air-cooled DC-Link aircraft generation systems p 336 A83-27324  
 Design for random - An example --- vibration testing power supply for drone aircraft p 405 A83-30856  
 Power supplies for long duration balloon flights p 536 A83-39815  
 Brushless generators for remote piloted vehicles p 616 A83-43709

The prospects and potential of all electric aircraft [AIAA PAPER 83-2478] p 745 A83-48341  
 Direct-current power supply units GVG 800/350 p 746 A83-50115

## ELECTRIC PROPULSION

A samarium cobalt motor-controller for mini-RPV propulsion p 336 A83-27187  
 A low signature RPV p 600 A83-43703

## ELECTRIC PULSES

Full-system tests using the Sandia lightning simulator p 632 N83-31213  
 An impulse generator to simulate lightning effects on aircraft p 587 N83-31221  
 Updating the MCAIR lightning simulation laboratory p 632 N83-31223

## ELECTRIC SPARKS

Electrical discharge machining of aluminum honeycomb core p 229 A83-20500  
 The lightning spark barrier p 647 N83-31241  
 Fundamental investigation of jet engine ignition of fuel sprays and its application p 693 N83-32734

## ELECTRIC WIRE

Effects of finite wire scatterers in the field of VOR p 144 A83-19039

## ELECTRICAL ENGINEERING

The development of radio engineering p 180 A83-16898

## ELECTRICAL FAULTS

Investigation of network tree technology as a tool for developing effective fault isolation procedures p 63 A83-11231

## ELECTRICAL IMPEDANCE

Eddy current impedance plane analysis p 231 A83-22410

Multimode planar spiral for DF applications p 430 A83-35089

## ELECTRICAL INSULATION

Atmospheric electricity and air transport safety [ONERA, TP NO 1982-82] p 181 A83-14534  
 High voltage design guide Volume 4 Aircraft [AD-A129530] p 766 N83-36372

## ELECTRICAL MEASUREMENT

Corona type sensor for aircraft electrical potential measurement [ONERA, TP NO 1982-73] p 195 A83-14530

## ELECTRICAL PROPERTIES

The electrical properties of carbon fibre composites p 227 N83-17618  
 Detection and ranging of electric charged helicopters p 607 N83-31189

## ELECTRICAL RESISTIVITY

Electrical resistance testing of antistatic bench and floor surface material after laying [AD-A125423] p 548 N83-28007  
 Investigation of the RF properties of carbon fiber composite materials [ERA-81-109] p 552 N83-28084  
 Damage of RFC surface layers by electrostatic charging p 649 N83-31169

## ELECTRO-OPTICS

Electro-optical calibration considerations at intermediate maintenance levels p 232 A83-22883  
 Electro-optical processor for optimal control p 298 A83-23596  
 Imaging sensors for an RPV payload p 610 A83-43721  
 Fiberoptics technology and its application to propulsion control systems [NASA-TM-83009] p 159 N83-15302

Miniature electro-optical air flow sensor [NASA-CASE-LAR-13065-1] p 413 N83-25539  
 USAF (United States Air Force) avionics master plan [AD-A125819] p 531 N83-29205  
 Cathode ray tubes p 611 N83-30417

## ELECTROCHEMICAL MACHINING

Determination of the theoretical profile of the electrode tool in the electrochemical processing of parts of complex shape p 407 A83-32967

## ELECTROCONDUCTIVITY

Effective generalized conductivity of three-phase cellular systems --- with kerosene-air-water fuel mixture example p 367 A83-29270

## ELECTRODYNAMICS

Electrodynamics of the stratosphere using 5000 cu m superpressure balloons p 525 A83-39818

## ELECTROHYDRODYNAMICS

Multivariable approach to the problem of structural cross coupling of force feedback electrohydraulic actuators --- for structural testing of aircraft and their components p 287 A83-26601

## ELECTROLESS DEPOSITION

Electroless nickel applications in aircraft maintenance [SAE PAPER 820609] p 696 A83-45867

## ELECTROLUMINESCENCE

Desirable characteristics of underwater lights for helicopter escape hatches [AD-A120510] p 198 N83-16312  
 Electroluminescent displays p 611 N83-30421

## ELECTROMAGNETIC COMPATIBILITY

The solution of 'real-world' aircraft EMC problems using the AAPG computer program p 63 A83-11085  
 A technique for predicting antenna-to-antenna isolation and electromagnetic compatibility for aircraft p 22 A83-11235

EMC analysis of a prototype civil use GPS receiver on four aircraft configurations [ECAC-CR-82-048] p 217 N83-12300

Algorithm for Surface of Translation Attached Radiators (A-STAR) Volume 1 Formulation of the analysis [AD-A118459] p 217 N83-12318

EMC analysis of a prototype civil-use GPS receiver on four aircraft configurations [AD-A119578] p 147 N83-14103

Composite material aircraft electromagnetic properties and design guidelines [AD-A124016] p 470 N83-25795

EMC implications of using CFC materials in aircraft manufacture p 552 N83-28093

Background study on efficient use of the 2700-2900 MHz band [PB83-214288] p 766 N83-36352

## ELECTROMAGNETIC FIELDS

Digital system upset The effects of simulated lightning-induced transients on a general-purpose microprocessor [NASA-TM-84652] p 411 N83-24212

A review and comparison of lightning return stroke models using experimental data [AD-A124680] p 479 N83-26345

- Digital system upset. The effects of simulated lightning-induced transients on a general purpose microprocessor p 651 N83-31233
- ELECTROMAGNETIC INTERFERENCE**
- AEPH for advanced technology aircraft --- Atmospheric Electricity Hazard Protection p 2 A83-11086
- Methods for minimizing the effects of lightning transients on aircraft electrical systems p 29 A83-11088
- Effects of thermal noise and interference due to scatterers on VOR system accuracy p 18 A83-11092
- Integrated CNI - A new testing challenge -- Communication, Navigation and Identification p 18 A83-11095
- A technique for predicting antenna-to-antenna isolation and electromagnetic compatibility for aircraft p 22 A83-11235
- Design considerations for a electrical signal transmission subsystem /STS/ for the maximum performance ejection system /MPES/ p 191 A83-15442
- Coping with impulse interference in an advanced development, low-cost Omega/VLF RNAV system p 672 A83-46957
- Analysis of possible interference in radio altimeters induced by a position marker system called RASP [NLR-TR-81135-U] p 38 N83-10043
- Application of advanced signal processing techniques to angle of arrival estimation in ATC navigation and surveillance systems p 28 N83-11108
- Performance tests results of automatic direction finder receiver interference susceptibility [AD-A118438] p 28 N83-11109
- EMC analysis of a prototype civil use GPS receiver on four aircraft configurations p 147 N83-14103
- The role and nature of adaptive antennas in ECCM [AD-P000923] p 701 N83-34148
- Lightning tests on the WC-130 research aircraft [AD-A129141] p 722 N83-36014
- ELECTROMAGNETIC MEASUREMENT**
- Electromagnetic measurements of lightning attachment to aircraft p 647 N83-31199
- ELECTROMAGNETIC NOISE**
- On missiles modelling, simulation and evaluation in presence of noise and multi-source environment p 17 A83-10707
- ELECTROMAGNETIC PROPERTIES**
- Effective generalized conductivity of three phase cellular systems -- with kerosene-air-water fuel mixture example p 367 A83-29270
- ELECTROMAGNETIC PULSES**
- Treatment of late time instabilities in finite-difference EMP scattering codes p 180 A83-17532
- Fiber optics for electro-magnetic pulse /EMP/ simulators p 218 A83-22495
- Theoretical and experimental studies of the electromagnetic coupling mechanisms between aircraft and consecutive lightning strikes, both direct and nearby [ONERA, TP NO 1983 44] p 667 A83-44318
- Electromagnetic test-facility characterization An identification approach [DE83-004274] p 360 N83-22498
- Usage of the SYSCAP II circuit analysis program to determine semiconductor failure threshold levels caused by lightning/EMP transients p 647 N83-31215
- ELECTROMAGNETIC RADIATION**
- Electromagnetic environment simulation for TCAS avionics --- Threat Alert and Collision Avoidance Systems p 141 A83-17304
- ELECTROMAGNETIC SCATTERING**
- Effects of thermal noise and interference due to scatterers on VOR system accuracy p 18 A83-11092
- Treatment of late time instabilities in finite-difference EMP scattering codes p 180 A83-17532
- Analysis of airborne antenna patterns [NASA-CR-169448] p 66 N83-10323
- ELECTROMAGNETIC SHIELDING**
- Effective electromagnetic shielding in multilayer printed circuit boards p 215 A83-16122
- A systematic characterization of the effects of atmospheric electricity on the operational conditions of aircraft [ONERA TP NO 1983-59] p 719 A83-48180
- Allocation of protection p 588 N83-31240
- ELECTROMAGNETIC SPECTRA**
- Missile guidance electromagnetic sensors p 723 A83-48769
- Propagation prediction usage in automated frequency assignments based on cosine and remote system spectrum sharing p 645 N83-30905
- ELECTROMAGNETIC WAVE TRANSMISSION**
- Improved simulation of ground reflections --- of radio navigation signals for flight control p 258 A83-26486
- ELECTROMAGNETISM**
- The Actdyne active magnetic bearing p 185 N83-15533
- Recent lightning induced voltage test technique investigations p 646 N83-31194
- ELECTROMAGNETS**
- Transient performance of permanent magnet synchronous motors p 353 A83-27189
- ELECTROMECHANICAL DEVICES**
- Electromechanical primary flight control activation systems for fighter/attack aircraft [SAE PAPER 821435] p 518 A83-37983
- An electromechanical primary flight control actuation system for military transport aircraft [AIAA PAPER 83 2195] p 620 A83-41680
- Electromechanical control systems p 750 A83-47201
- Bucking the current -- electric actuators for V/STOL aircraft p 729 A83-48887
- ELECTRON BEAM WELDING**
- Major hot section component salvaged through advanced repair methods [SAE PAPER 821489] p 534 A83-38007
- Welding of components made of the aluminum cast alloy A357 p 698 N83-32715
- ELECTRON BEAMS**
- Cathode ray tubes p 611 N83-30417
- ELECTRONIC AIRCRAFT**
- Color pictorial display formats for future fighters p 35 A83-11134
- Airborne electronic terrain map display - An update p 35 A83-11135
- The all electric airplane-benefits and challenges [SAE PAPER 821434] p 518 A83-37982
- The prospects and potential of all electric aircraft [AIAA PAPER 83 2478] p 745 A83-48341
- ELECTRONIC CONTROL**
- Aircraft power management control system designed for fast response and high reliability p 40 A83-11151
- Single chip Bus Interface Unit eases MIL-STD-1553B remote terminal/bus controller designs p 63 A83-11185
- Digital electronic engine control system - F-15 flight test p 162 A83-18406
- Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane [AIAA PAPER 83-0537] p 163 A83-19593
- Advanced propulsion controls - A total system view p 457 A83-36612
- Reliability analysis of a dual-redundant engine controller p 556 A83-37289
- Full Authority Digital Electronic Control (FADEC) - Augmented fighter engine demonstration [SAE PAPER 821371] p 532 A83-37963
- Full Authority Fault Tolerant Electronic Engine Control systems for advanced high performance engines (FAFTEEC) [SAE PAPER 821398] p 532 A83-37972
- Development of a compact real time turbofan engine dynamic simulation [SAE PAPER 821401] p 533 A83-37974
- Microcomputer brings digital power to the small aircraft gas turbine [SAE PAPER 821402] p 533 A83-37975
- Integrated airframe/propulsion control system architectures (IAPSA) study [AIAA PAPER 83 2158] p 595 A83-41680
- Gas turbine engine cascade wind tunnel with automatic data acquisition and control p 630 A83-42563
- Electronic control of aircraft turbine engine p 683 A83-45600
- The use of production hardware for the development of control laws --- LSI for engine control [ASME PAPER 83-GT-6] p 737 A83-47879
- Advancing electronic technology impact on integrated propulsion/airframe controls design and development [ASME PAPER 83-GT-161] p 725 A83-47985
- Built-in Test Equipment (BiTE) on the Garrett model GTPC331 APU digital electronic control unit --- for gas turbine aircraft auxiliary power system [ASME PAPER 83-GT-186] p 742 A83-47992
- F14 aircraft and propulsion control integration evaluation [ASME PAPER 83-GT-234] p 744 A83-48029
- Components for digitally controlled aircraft engines [NASA-CR 165296] p 201 N83-12089
- Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane [NASA TM-83088] p 339 N83-22201
- Potential benefits of a Full Authority Digital Electronic Control (FADEC) installed on a TF30 engine in an F14 flight test demonstrator aircraft p 543 N83-29269
- ELECTRONIC COUNTERMEASURES**
- Computer models for determining countermeasures effectiveness of expendables in air-to-air engagements p 70 A83-11162
- A technique for predicting antenna-to-antenna isolation and electromagnetic compatibility for aircraft p 22 A83-11235
- New threat simulator /NETS/ a multi-sensor R & D tool for EW development p 56 A83-11238
- A glimpse into the future of air combat --- via computerized cockpit simulators [AIAA PAPER 83-0143] p 171 A83-16552
- ASPJ update counters the changing threat --- Airborne Self-Protection Jammer System p 140 A83-16866
- Simulate airborne radar environments p 512 A83-37821
- Survivability of interdiction aircraft Sensitivity to terrain following, command altitude, velocity and electronic counter measures [AD-A124870] p 443 N83-26833
- Positioning of jamming aircraft using the integrated refractive effects prediction system [AD-A125644] p 560 N83-28308
- The role and nature of adaptive antennas in ECCM [AD-P000923] p 701 N83-34148
- ELECTRONIC EQUIPMENT**
- NAECON 1982, Proceedings of the National Aerospace and Electronics Conference, Dayton, OH, May 18-20, 1982 Volumes 1, 2 & 3 p 2 A83-11083
- The aviation and radioelectronic equipment of the Yak-18T aircraft --- Russian book p 195 A83-13814
- Airborne electronic colour displays p 196 A83-16133
- Radio-electronic guidance systems --- Russian book p 299 A83-25622
- Environmental control of an aircraft pod mounted electronics system [SAE PAPER 820869] p 263 A83-25768
- Estimation of the mutual influence of a group of radio-electronic devices --- for air navigation p 259 A83-26934
- A history of electronic flight instruments - through tomorrow p 608 A83-41532
- PAVE PILLAR A new road to avionics reliability p 723 A83-48643
- Evaluating the use of electronic flight instrument systems in general aviation aircraft [AD-A118604] p 198 N83-12083
- Electromagnetic test-facility characterization An identification approach [DE83-004274] p 360 N83-22498
- Vulnerability assessment of electrical/electronic subsystems and equipment to atmospheric electricity p 588 N83-31224
- Allocation of protection p 588 N83-31240
- A survey of equipment and research p 701 N83-34185
- ELECTRONIC EQUIPMENT TESTS**
- ATE support of RF line replaceable units p 53 A83-10732
- Antenna couplers - The aircraft interface p 17 A83-10738
- The evolution of Navy Flight Line EW testers from AN/ALM-66 to AN/USM-406C p 54 A83-10739
- Tarps test program set /parallel development of avionics and its support capability/ p 54 A83-10755
- Testing of voice control device for aircraft avionics applications p 19 A83-11122
- Vibration isolation system development for the FB-111 tail pod electronics p 150 A83-16932
- Electro-optical calibration considerations at intermediate maintenance levels p 232 A83-22883
- Avionics fault tree analyzer [AIAA PAPER 83-2452] p 723 A83-48335
- New concepts for intermediate level maintenance -- of avionics by ATE [AIAA PAPER 83-2498] p 763 A83-48353
- Avionics built-in-test effectiveness and life cycle cost [AIAA PAPER 83-2448] p 712 A83-49578
- ELECTRONIC MODULES**
- The remote link unit A demonstration of operational performance Part 2 User's manual [AD-A124620] p 476 N83-25938
- ELECTRONIC PACKAGING**
- Macroencapsulation of electronic circuits p 354 A83-29215
- ELECTRONIC WARFARE**
- The evolution of Navy Flight Line EW testers from AN/ALM-66 to AN/USM-406C p 54 A83-10739
- High speed data link concepts for military aircraft p 36 A83-11233
- Operational sensitivity of EW receivers p 22 A83-11234
- Toward 'combat realistic' tests, evaluations, exercises - and training p 56 A83-11237
- New threat simulator /NETS/ a multi-sensor R & D tool for EW development p 56 A83-11238
- ASPJ update counters the changing threat --- Airborne Self-Protection Jammer System p 140 A83-16866
- New advances in wide band dual polarization antenna elements for EW applications p 430 A83-35087
- USAF (United States Air Force) avionics master plan [AD-A125819] p 531 N83-29205

## ELECTROSTATIC PRECIPITATORS

### ELECTROSTATIC PRECIPITATORS

Pilot scale assessment of conventional particulate control technology for pressurized fluidized-bed combustion emissions  
[PB82-230921] p 220 N83-13673

### ELECTROSTATIC WAVES

Electrostatic voltage sensors for helicopter dischargers p 612 N83-31188

### ELECTROSTATICS

Electrostatic theory applied to helicopter discharging p 587 N83-31210  
P-static flight evaluation of a large jet aircraft p 588 N83-31230  
The USRA workshop report Electrostatic fog dispersal [NASA-CR-170802] p 704 N83-34514

### ELEVATION

Ice sheet surface features in southwestern Greenland from satellite radio altimetry [NASA-CR-156887] p 362 N83-22689

### ELEVATORS (CONTROL SURFACES)

Cross-coupling between longitudinal and lateral aircraft dynamics in a spiral dive p 203 N83-15312  
Design, fabrication and test of a composite elevator p 695 N83-44046  
Advanced composite elevator for Boeing 727 aircraft [NASA-CR-157823] p 61 N83-11248  
Advanced composite elevator for Boeing 727 aircraft, volume 2 p 205 N83-16330  
Advanced composite elevator for Boeing 727 aircraft [NASA-CR-172910] p 605 N83-30403

### ELEVATORS (LIFTS)

Resonance tests on the tail of a CT4 aircraft [AD-A124566] p 441 N83-25703

### ELLIPSOIDS

Near field analysis of airborne antenna [AD-A127246] p 648 N83-31931

### ELLIPTIC DIFFERENTIAL EQUATIONS

Grid generation by elliptic partial differential equations for a tri-element Augmentor-Wing airfoil p 502 N83-38803  
Numerical generation of composite three dimensional grids by quasilinear elliptic systems p 569 N83-38804

### ELLIPTICAL POLARIZATION

Polarimetric techniques in radar signal processing p 639 N83-40758

### EMBEDDED COMPUTER SYSTEMS

Integrated and transferable hardware/software checkout --- of digitally controlled flight systems p 71 N83-11249  
Celestial navigation in the computer age - Book p 185 N83-14116  
Operational flight program development with a higher order language p 363 N83-22125

### EMBEDDING

Embedded flow characteristics of sharp-edged rectangular wings p 190 N83-22152

### EMERGENCIES

An approach to helicopter power selection p 277 N83-24828  
An FAA analysis of aircraft emergency evacuation demonstrations [SAE PAPER 82-1486] p 507 N83-38005  
Proposed specifications for international interoperability on repaired bomb damaged runways p 175 N83-15286

Emergency fuels technology [AD-A125275] p 471 N83-25904

### EMERGENCY LOCATOR TRANSMITTERS

Emergency Locator Transmitter (ELT) equipment installation and performance [RTCA/DO-182] p 380 N83-23282

### EMISSION

Energy efficient engine sector combustor ng test program [NASA-CR-167913] p 283 N83-19753

### EMISSION SPECTRA

Cathode ray tubes p 611 N83-30417  
Spectrometer sensitivity investigations on the spectrometric oil analysis program [AD-A127969] p 638 N83-31752

### EMPLOYEE RELATIONS

Airline safety and labor relations law Balancing rights and responsibility p 484 N83-34475

### EMULSIONS

Effective generalized conductivity of three-phase cellular systems --- with kerosene-air-water fuel mixture example p 367 N83-29270

Drop size measurements in evaporating realistic sprays of emulsified and neat fuels [ASME PAPER 83-GT-231] p 756 N83-48027

### ENCAPSULATING

Macroencapsulation of electronic circuits p 354 N83-29215

### ENCLOSURES

Thermal design of standard avionic enclosures [SAE PAPER 820878] p 256 N83-25772  
Design of the CTX diagnostics screen room [DE82-002320] p 176 N83-15321  
Prediction of natural convection flow pattern in low aspect ratio enclosures p 561 N83-28364

### ENERGY ABSORPTION

Development of a variable-load energy absorber --- for helicopter seats p 248 N83-25896  
Design and test criteria for increased energy-absorbing seat effectiveness [AD-A128015] p 589 N83-31589

### ENERGY CONSERVATION

Estimation of aircraft fuel consumption p 29 N83-10186  
Economic modeling of fault tolerant flight control systems in commercial applications p 46 N83-11156  
The application of energy saving concepts to future fighter/attack aircraft design [AIAA PAPER 83-0092] p 149 N83-16516  
Energy conservation in air transportation - The Canadian Air Traffic Control Effort p 318 N83-29393  
Flight management concepts development for fuel conservation p 447 N83-35843  
An advanced control system for a next generation transport aircraft [AIAA PAPER 83-2194] p 620 N83-41679  
Wing tip devices for energy conservation and other purposes Experimental and analytical work in progress at the Lockheed-Georgia Company p 659 N83-44358  
Saving fuel with the wide-chord fan p 744 N83-48174

Energy efficient high-pressure turbine leakage technology report [NASA-CR-165202] p 165 N83-15304

Symposium on Commercial Aviation Energy Conservation Strategies Papers and presentations [AD-A107106] p 188 N83-17455

Potential fuel savings through improved airframe maintenance p 188 N83-17456  
Aircraft towing feasibility study p 207 N83-17458  
The analysis of integrated fuel efficient, low noise procedures in taxi terminal area operations --- (Los Angeles) p 202 N83-17459  
An overview of the DOT/FAA aviation energy conservation policy p 235 N83-17460  
Air traffic control Its effect on fuel conservation p 202 N83-17464  
Computerized engine and airplane performance monitoring programs p 188 N83-17465  
Slidestip indication system p 210 N83-17466  
Turbine engine fuel conservation by fan and compressor profile control p 213 N83-17467  
A practical economic criterion for fuel conservation p 239 N83-17468

Gunnison County airport terminal [DE83 004512] p 401 N83-23332  
Description of the computations and pilot procedures for planning fuel-conservative descents with a small programmable calculator [NASA-TM-85642] p 444 N83-25707

Transportation Energy Conservation Through Land Use Planning [PB83-148387] p 475 N83-25919  
Gas turbine demonstration of pyrolysis Derived fuels [DE82-007193] p 553 N83-28273  
Energy efficient engine Core engine bearings, drives and configuration Detailed design report [NASA-CR-165376] p 617 N83-30430  
Fuel conservation evaluation of US Army helicopters Part 5 AH-1S slight testing [AD-A128532] p 608 N83-31601

Energy CONSUMPTION

Energy state revisited --- for minimum-time aircraft climbs [AIAA PAPER 83-2138] p 598 N83-41960

ENERGY CONVERSION

US national programs in ceramics for energy conversion p 756 N83-48308  
A projected large low speed wind tunnel to meet Australian requirements Aerodynamics note [AD-A118913] p 209 N83 13125  
Abstracts 1982 AFOSR Contractors Meeting on Air Breathing Combustion Dynamics Research [AD-A121647] p 351 N83-21062

Effects of dynamic stall on SWECS p 409 N83-23732

ENERGY DISSIPATION

Energetics and optimum motion of oscillating lifting surfaces --- energy losses of rigid wings [AIAA PAPER 83-1710] p 492 N83-37204

Incidence loss for fan turbine rotor blade in two-dimensional cascade [NASA-TP-2188] p 617 N83-30431

High-temperature-turbine technology program Phase 2 Technology test and support studies Transpiration cooled turbine vane aerodynamic cascade results and analysis [DE83-010307] p 765 N83 35404

### ENERGY POLICY

US national programs in ceramics for energy conversion p 756 N83-48308  
Fuel supply and distribution Fixed base operation p 353 N83-22449  
Gas turbine demonstration of pyrolysis Derived fuels [DE82-007193] p 553 N83 38273  
Shell briefing service Aircraft fuels today and tomorrow p 638 N83-30678  
Transonic and subsonic compressors --- three-dimensional flow p 703 N83-34836

### ENERGY REQUIREMENTS

Attempt to determine the power demand of a helicopter control system on the basis of flight tests p 45 N83-10439

Economic evaluation of a standard product of fiber-reinforced composite material in comparison with steel p 551 N83-38875

Military requirements -- fuel economy, air traffic control, and defense budgets p 325 N83-22181

### ENERGY STORAGE

Research and technology, Lewis Research Center [NASA-TM-83038] p 191 N83-15169  
Physical properties data compilations relevant to energy storage Part 5 Mechanical properties data on alloys for use in flywheels [PB82-232919] p 296 N83-18904  
Compressed-air energy storage preliminary design and site development program in an aquifer Volume 5, Part 1 Turbomachinery design [DE83-004005] p 362 N83-22759

### ENERGY TECHNOLOGY

Status of hydrogen development for aircraft in five countries - A Canadian perspective p 566 N83-39582  
Research and technology, Lewis Research Center [NASA TM-83038] p 191 N83 15169

### ENERGY TRANSFER

On the energy characteristics of the aerodynamic matrix and the relationship to possible flutter p 715 N83-48144

### ENGINE AIRFRAME INTEGRATION

Effects of various empennage parameters on the aerodynamic characteristics of a twin engine afterbody model [AIAA PAPER 83-0085] p 130 N83-16511

Propulsion installation characteristics for turbofan transports [AIAA PAPER 83-0087] p 130 N83-16513

On the aerodynamics of over-the-wing nacelles supported on 'stub-wings' [AIAA PAPER 83-0538] p 150 N83-16774

Generalities on the problems in integration for a propeller on an airframe The particular case of a high powered twin turboprop [AAAF PAPER NT 82 02] p 388 N83-33160

Progress in propulsion system/airframe structural integration [AIAA PAPER 83-1123] p 437 N83-36234

Empennage/afterbody integration for single and twin-engine fighter aircraft [AIAA PAPER 83-1126] p 420 N83-36235

Integrated propulsion aircraft control evaluation for a current Navy fighter [AIAA PAPER 83-1236] p 453 N83-36299

PAN AIR applications to aero-propulsion integration [AIAA PAPER 83-1368] p 421 N83-36364

Wind tunnel tests of over-the wing nacelles --- supported on 'stub-wings' p 422 N83-36916

Effects of nacelle position and shape on performance of subsonic cruise aircraft [AIAA PAPER 83-1124] p 519 N83-38079

Integrated airframe/propulsion control system architectures (IAPSA) study [AIAA PAPER 83-2158] p 595 N83-41660

Propulsion system integration as applied to business jet aircraft [ASME PAPER 83-GT-227] p 725 N83-48024

Fluid Dynamics Panel Symposium on Aerodynamics of Power Plant Installation [AGARD-AR 173] p 45 N83-11138

Civil component program integrated-propulsion system (IFAS) [BMFT-FB W-82-017] p 195 N83-13094

Effects of twin-vertical-tail parameters on twin-engine afterbody/nozzle aerodynamic characteristics -- Langley 16-ft transonic tunnel tests [NASA-TP 2158] p 377 N83-24478

### ENGINE ANALYZERS

A failure diagnosis methodology -- jet aircraft engines p 304 N83-20232

## ENGINE CONTROL

- Simulated mission endurance control system  
p 54 A83-10751
- Digital engine control for V/STOL and VTOL aircraft  
p 40 A83-10871
- Integrated airframe/propulsion controls technology  
p 46 A83-11175
- Adaptive power management - A hierarchical/control system with a central multiplex system -- for aircraft applications  
p 40 A83-11202
- Fiber optics technology and its application to propulsion control systems  
[AIAA PAPER 83-0534] p 158 A83-16772
- Digital electronic engine control system - F-15 flight test  
p 162 A83-18406
- Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane  
[AIAA PAPER 83-0537] p 163 A83-19593
- Design of an integrated control system for a supersonic aircraft power plant  
p 212 A83-23175
- Digital engine control unit - Future employment possibilities  
[DGLR PAPER 82-085] p 275 A83-24197
- Recent developments in digital control for helicopter powerplants  
p 277 A83-24829
- A samarium cobalt motor-controller for mini-RPV propulsion  
p 336 A83-27187
- Investigation of the combined regulation of the intermediate stage of a centrifugal compressor by an axial regulating apparatus and a two-row diffuser  
p 407 A83-33149
- Some aspects of development of power plant optimum control to increase aircraft fuel efficiency  
p 447 A83-35841
- Inlet, engine, airframe controls integration development for supercruising aircraft  
p 447 A83-35842
- F/A-18A Inflight Engine Condition Monitoring System (IECMS)  
[AIAA PAPER 83-1237] p 453 A83-36300
- Flight/propulsion control system integration  
[AIAA PAPER 83-1238] p 453 A83-36301
- United Kingdom military engine usage, condition and maintenance systems experience  
[AIAA PAPER 83-1239] p 453 A83-36302
- Comparison of an experience with full authority digital engine controls in rotary wing and jet-lift VSTOL aircraft  
[AIAA PAPER 83-1241] p 454 A83-36304
- Advanced propulsion controls - A total system view  
p 457 A83-36612
- Nonlinear multivariable design by total synthesis -- of gas turbine engine control systems  
p 531 A83-37092
- Reliability analysis of a dual-redundant engine controller  
p 556 A83-37289
- Full Authority Digital Electronic Control (FADEC)  
Augmented fighter engine demonstration  
[SAE PAPER 821371] p 532 A83-37963
- Closed-loop engine fuel system simulation  
[SAE PAPER 821374] p 532 A83-37964
- Full Authority Fault Tolerant Electronic Engine Control systems for advanced high performance engines (FAFTEEC)  
[SAE PAPER 821398] p 532 A83-37972
- Microcomputer brings digital power to the small aircraft gas turbine  
[SAE PAPER 821402] p 533 A83-37975
- The effects of engine and height-control characteristics on helicopter handling qualities  
p 619 A83-41078
- Method of thermodynamic function control and of damage analysis regarding aircraft engines with the aid of flight data recording systems -- German thesis  
p 613 A83-41850
- Diagnostics of the conditions of gas-turbine engines using models reflecting the dynamics of changes in the controlled parameters  
p 614 A83-42133
- Electronic control of aircraft turbine engine  
p 683 A83-45600
- The use of production hardware for the development of control laws -- LSI for engine control  
[ASME PAPER 83-GT-6] p 737 A83-47879
- Built In Test Equipment (BITE) on the Garrett model GTPC331 APU digital electronic control unit -- for gas turbine aircraft auxiliary power system  
[ASME PAPER 83-GT-186] p 742 A83-47992
- F-14 aircraft and propulsion control integration evaluation  
[ASME PAPER 83-GT-234] p 744 A83-48029
- Integrated flight/propulsion control system architectures for a high speed aircraft  
[AIAA PAPER 83-2563] p 746 A83-49595
- Integrated control system concept for high speed aircraft  
[AIAA PAPER 83-2564] p 751 A83-50074
- Army/NASA small turboshaft engine digital controls research program  
[NASA TM-82979] p 44 A83-11128

- Integrated research aircraft control technology with full authority digital electronic control  
[NASA-CR-163100] p 170 A83-15318
- Alternatives for jet engine control  
[NASA-CR-170100] p 338 A83-20945
- Full-authority fault-tolerant electronic engine control system for variable cycle engines  
[AD-A121746] p 359 A83-21357
- Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane  
[NASA-TM-83088] p 339 A83-22201
- Handling combat engines The pilots viewpoint -- Mirage 2000 aircraft  
p 540 A83-29247
- Flight test experience on military aircraft engine handling  
p 541 A83-29248
- Throttle handling related to J85 engine performance and durability Canadian forces experience  
p 541 A83-29249
- Operational and maintenance aspects of the introduction of an advanced fighter type  
p 491 A83-29250
- Experience with the KHD APU T312 for a modern fighter type  
p 541 A83-29251
- Deterioration in service of engine transient behaviour  
p 542 A83-29256
- The modern concept of acceleration control  
Introduction to optimal command in a handling by objective structure  
p 543 A83-29267
- Control means for a gas turbine engine  
[NASA-CASE-LEW-14586-1] p 617 A83-31603
- Real-time simulation of jet engines with digital computer  
1. Fabrication and characteristics of the simulator  
[NASA-TM-77081] p 684 A83-32809

## ENGINE COOLANTS

- Experimental investigation on film cooling of a gas turbine blade  
p 199 A83-13346
- TF41/Lamilly accelerated mission test  
p 199 A83-15319
- Small gas turbine combustor study - Combustor liner evaluation  
[AIAA PAPER 83-0337] p 161 A83-16663
- A computer model for gas turbine blade cooling analysis  
[ASME PAPER 82-JPGC-GT-6] p 279 A83-25267
- A comparative study of the influence of different means of turbine cooling on gas turbine performance  
[ASME PAPER 83-GT-180] p 762 A83-47991
- An investigation into the effect of coolant flow on the vibration characteristics of hollow blades conveying fluid  
[ASME PAPER 83-GT 217] p 762 A83-48017
- Gas turbine compressor interstage cooling using methanol  
[ASME PAPER 83-GT 230] p 763 A83-48026
- Small gas turbine combustor study Combustor liner evaluation  
[NASA-TM-83028] p 282 A83-18725
- Turbine blade cooling in aeroengines  
p 282 A83-18739

## ENGINE DESIGN

- The theory of aircraft engines -- Russian book  
p 39 A83-10675
- Thunder power for executive and ag-aircraft  
p 39 A83-10866
- Engines for future combat aircraft  
p 39 A83-10867
- Multifuel evaluation of rich/quench/lean combustor  
p 59 A83-11492
- Rotanes for GA - NASA gets serious  
p 41 A83-11627
- Engine technology for the next decade  
p 41 A83-12098
- Rolls-Royce engine status report  
p 41 A83-12933
- Composite fan exit guide vanes for high bypass ratio gas turbine engines  
p 198 A83-13159
- Assessment of inflow control structure effectiveness and design system development  
p 189 A83-13161
- Powerplants I -- turbofan engine design for aircraft  
p 199 A83-14951
- Rolls-Royce RB 211 535 power plant  
p 199 A83-15311
- TF41/Lamilly accelerated mission test  
p 199 A83-15319
- The diagnostics of disturbances in components of turbojet engines with gasdynamics parameter monitoring  
p 199 A83-15850
- Supersonic Harrier - One step closer  
p 200 A83-16371
- Design of a low emission combustor for an automotive gas turbine  
[AIAA PAPER 83-0338] p 179 A83-16664
- Transverse jet break-up and atomization with rapid vaporization along the trajectory  
[AIAA PAPER 83-0419] p 161 A83-16702
- The module concept in a mathematical model of a turbo-prop engine  
p 161 A83-16878
- New thrusts in engine design  
p 162 A83-17236
- Powerplants II -- review of current aircraft turbofan engines  
p 162 A83-18147

- Application of optimization to aircraft engine disk synthesis  
p 162 A83-18213
- The Pratt & Whitney PW100 - Evolution of the design concept  
p 162 A83-18821
- Military propulsion technology I - Fighter power - The need for tomorrow  
p 162 A83-18948
- Military propulsion technology III - Materials are the key -- for fighter aircraft engines  
p 177 A83-18950
- A comparison between the Crag-Cox and the Kacker-Okapuu methods of turbine performance prediction  
p 163 A83-19025
- Finite element strength analysis of rotating shell-plate structures  
p 229 A83-21448
- Setting design goals for advanced propulsion systems  
[AIAA PAPER 81-1505] p 211 A83-22154
- Theory and design of flight-vehicle engines -- Russian book  
p 211 A83-22651
- Errors in the experimental determination of the parameters of supersonic combustion ramjet engines  
p 211 A83-22653
- Features of the selection of the basic parameters of cooled GTE turbines  
p 211 A83-22655
- On the choice of the optimal total wedge angle for the air intake of a hypersonic ramjet engine  
p 212 A83-22656
- The ideas of F A Tsander and an assessment of the application of jet engines for the acceleration of aerospace vehicles  
p 221 A83-22657
- Design of an integrated control system for a supersonic aircraft power plant  
p 212 A83-23175
- PW 4000 - A radically new jet engine being developed in the USA  
p 212 A83-23239
- A method for calculating the parameters of a turbojet engine in the autorotation regime  
p 272 A83-23434
- A mathematical model for a turboshaft gas-turbine engine with an optimum control program for high-level computer aided design  
p 273 A83-23436
- A system of criteria for evaluating the energy efficiency of an engine at the state of technical proposals  
p 273 A83-23437
- Determination of the region of efficient use for microturbines with working medium recirculation  
p 273 A83-23440
- The relationship between the aerodynamics of a combustion chamber and the dynamics of heat release  
p 273 A83-23446
- Design and development of a mixer compound exhaust system - in aircraft turbofan engines  
p 274 A83-24029
- Tactical aircraft engine usage - A statistical study  
p 274 A83-24033
- Jet engines for airliners of the next generation  
[DGLR PAPER 82-069] p 274 A83-24183
- Some aspects of the engine design of future fighter planes  
[DGLR PAPER 82-071] p 275 A83-24185
- Development trends regarding jet engines for future combat aircraft  
[DGLR PAPER 82-072] p 275 A83-24186
- On the design philosophy of fighter aircraft engines  
[DGLR PAPER 82-073] p 275 A83-24187
- Propulsion systems of flight vehicles and drones - Conditions, requirements, and current and future propulsion systems  
[DGLR PAPER 82-086] p 275 A83-24198
- Regenerative shaft engines for helicopters, multi-purpose and feeder service aircraft  
[DGLR PAPER 82-087] p 276 A83-24199
- Prospects for the use of heat exchangers in aircraft gas turbines  
[DGLR PAPER 82-088] p 276 A83-24200
- Future fuels for turbojet engines and their impacts on combustion chambers and fuel systems  
[DGLR PAPER 82-089] p 295 A83-24201
- Pre-planned product improvement /P3I/ the T64-GE-418 derivative engine  
p 276 A83-24826
- Propulsion systems for rotary wing aircraft with auxiliary propulsors  
p 276 A83-24827
- An approach to helicopter power selection  
p 277 A83-24828
- U S Army/Detroit Diesel Allison Advanced Technology Demonstrator Engine  
p 277 A83-24836
- Helicopter engine development - New standards for the '80s  
p 278 A83-24837
- Technical qualities for combat helicopter powerplants  
p 278 A83-24839
- Warm cycle propulsion for the 1990's heavy lift helicopters  
p 278 A83-24840
- NASA clean catalytic combustor program  
[ASME PAPER 82-JPGC-GT-11] p 295 A83-25269
- Specification, design, and test of aircraft engine isolators for reduced interior noise  
[AIAA PAPER 83-0718] p 279 A83-25932
- Friction drag and other design parameters for acoustic face sheets -- for aircraft noise reduction  
[AIAA PAPER 83-0780] p 307 A83-25962

- PW4000 uses JT9D, new technology p 281 A83-26072
- Whence Stirling engines --- auto and air applications p 353 A83-27265
- The influence of inlet design on the aeroacoustic performance of a JT15D turbofan engine as measured in the NASA-Ames 40 x 80 foot wind tunnel [AIAA PAPER 83-0681] p 337 A83-28006
- Analysis of engine usage data for tactical systems [AIAA PAPER 81-1370] p 337 A83-29011
- Zero-length inlets for subsonic V/STOL aircraft p 312 A83-29012
- An overview of turbine engine structural design - Development trends in the Air Force [AIAA 83-0952] p 338 A83-29777
- Design features of a new commuter turboprop engine [SAE PAPER 820717] p 392 A83-31802
- AR 318 - Italy's low-cost GA turboprop p 445 A83-35675
- Temperature and composition measurements in a research gas turbine combustion chamber p 445 A83-35790
- Applications of computational techniques in the design of ramjet engines p 418 A83-35828
- Design and development of a small gasturbine engine Results today - A basis for design criteria of a next generation p 446 A83-35829
- The effect of variation of diffuser design on the performance of centrifugal compressors p 448 A83-35866
- The performance of single-shaft gas turbine load compressor auxiliary power units [AIAA PAPER 83-1159] p 451 A83-36251
- The aerodynamic design and performance of the General Electric/NASA EEE fan --- Energy Efficient Engine [AIAA PAPER 83-1160] p 451 A83-36252
- Advanced turboprop and dual cycle engine performance benefits and installation options on a Mach 0.7 short-haul transport aircraft [AIAA PAPER 83-1212] p 452 A83-36284
- A Monte Carlo simulation of the engine development process [AIAA PAPER 83-1230] p 452 A83-36294
- Nondestructive evaluation methods for implementation of damage-tolerant designed gas turbine engine components [AIAA PAPER 83-1232] p 452 A83-36295
- Application of 3D aerodynamic/combustion model to combustor primary zone study [AIAA PAPER 83-1265] p 454 A83-36316
- Instrumental problems in small gas turbine engines [AIAA PAPER 83-1293] p 444 A83-36327
- Development trends in engine durability --- for USAF aircraft gas turbines [AIAA PAPER 83-1297] p 455 A83-36329
- A JT8D low emissions combustor by radial zoning [AIAA PAPER 83-1324] p 455 A83-36339
- Compound cycle turbofan engine [AIAA PAPER 83-1338] p 455 A83-36346
- Development and application of a liquid-cooled V-8 piston engine for general aviation aircraft [AIAA PAPER 83-1342] p 455 A83-36347
- KC-135/CFM56 re-engine - The best solution [AIAA PAPER 83-1374] p 456 A83-36367
- Introducing the Rolls-Royce Tay [AIAA PAPER 83-1377] p 456 A83-36368
- Monte Carlo simulation of the engine development process [AIAA PAPER 83-1405] p 456 A83-36394
- Design and development of a nozzle extendible exit cone [AIAA PAPER 83-1410] p 467 A83-36399
- Configuration selection and technology transition in 5000 SHP class engines [AIAA PAPER 83-1411] p 457 A83-36400
- Fighter engine cycle selection [AIAA PAPER 83-1300] p 457 A83-36412
- Propulsion prototypes at General Electric [AIAA PAPER 83-1053] p 457 A83-36463
- Technology and engine demonstrator programs [AIAA PAPER 83-1064] p 457 A83-36464
- V/STOL status from the engine technology viewpoint p 458 A83-36912
- An update on high output lightweight diesel engines for aircraft applications [AIAA PAPER 83-1339] p 458 A83-36925
- Gas turbine engines p 532 A83-37274
- Experimental research on the design of highly loaded axial fans --- German thesis p 493 A83-37498
- Inlet design for high-speed propfans [SAE PAPER 821359] p 495 A83-37957
- Utilization of computer aided design for the development of advanced turbomachinery components [SAE PAPER 821423] p 533 A83-37980
- 727, B-52 retrofit with PW2037 meeting today's requirements [SAE PAPER 821443] p 518 A83-37991
- Re-engineing studies on the P-3 aircraft [SAE PAPER 821445] p 519 A83-37993
- The application of a liquid-cooled V-8 piston engine to general aviation aircraft [SAE PAPER 821446] p 533 A83-37994
- Development and operating characteristics of an advanced two-stage combustor p 535 A83-38022
- Propulsion system integration configurations for future prop-fan powered aircraft [AIAA PAPER 83-1157] p 535 A83-38081
- V/STOL from the propulsion viewpoint (7th Sir Sydney Camm Memorial Lecture) p 535 A83-38869
- Regional airline turboprop engine technology [AIAA PAPER 83-1158] p 535 A83-39101
- An analysis of the parameters determining the maximum thrust of ramjet engines p 613 A83-42127
- Mathematical modeling of gas-turbine engines with heat regeneration p 615 A83-42154
- PW100 - Canada's commuter turboprop p 615 A83-42524
- A family of small low cost gas turbines for unmanned vehicle systems p 615 A83-42616
- Low cost expendable turbojet engines p 616 A83-43711
- A range of lightweight engines for RPV's p 616 A83-43719
- Optimal design of the blading of axial turbines --- Russian book p 694 A83-43924
- Demands on the air system of modern aircraft engines p 683 A83-46491
- Development of new combustion chamber technologies for future alternative combustion fuels p 736 A83-47183
- Increased energy exploitation in cooled high-temperature turbines p 736 A83-47202
- A new-technology gas generator for medium-power shaft-turbine engines p 737 A83-47217
- The Rolls-Royce annular vaporizer combustor [ASME PAPER 83-GT-49] p 738 A83-47908
- A small engine high temperature core research programme [ASME PAPER 83-GT-56] p 738 A83-47912
- The purpose, the principles and the problems of fault tolerant systems --- for aircraft gas turbine engines [ASME PAPER 83-GT-59] p 738 A83-47915
- A CAD method for centrifugal compressor impellers [ASME PAPER 83-GT-65] p 714 A83-47920
- The impact of three-dimensional analysis on fan design --- for turbine engines [ASME PAPER 83-GT-136] p 740 A83-47963
- Developments in air cooling of gas turbine vanes and blades [ASME PAPER 83-GT-160] p 742 A83-47984
- The GTPC331, a 600 hp auxiliary power unit program --- for advanced transport aircraft [ASME PAPER 83-GT-188] p 742 A83-47994
- Status report - DARPA/NASA convertible turbofan/turboshaft engine program [ASME PAPER 83-GT-196] p 743 A83-48000
- Propulsion system screening for survivability and effectiveness [ASME PAPER 83-GT-200] p 743 A83-48003
- A three-dimensional model for the prediction of shock losses in compressor blade rows [ASME PAPER 83-GT-216] p 744 A83-48016
- Gas turbine performance improvement by retrofit of advanced technology [ASME PAPER 83-GT-222] p 762 A83-48020
- An historical review of propeller developments p 744 A83-48173
- Saving fuel with the wide-chord fan p 744 A83-48174
- Design concepts for low cost composite engine frames [AIAA PAPER 83-2445] p 745 A83-48331
- Preliminary design engine thermodynamic cycle selection for advanced fighters [AIAA PAPER 83-2480] p 745 A83-48343
- Supersonic V/STOL - Tandem fan concepts [AIAA PAPER 83-2567] p 746 A83-49597
- Life Utilization Criteria Identification in Design (LUCID) [AD-A117807] p 43 N83-10046
- Development of double-rotor supercharged turbojet engines in the USSR as seen from models R11 to R29 p 43 N83-11050
- The fuel efficient jet engine [PNR-90114] p 45 N83-11136
- Some laser measurement techniques used in aero engine research [PNR-90118] p 68 N83-11486
- Research and development of lift-jet engine, 1 --- v/stol aircraft [NAL-TR-699] p 200 N83-12084
- Research and development of lift-jet engine, 2 [NAL-TR-700] p 200 N83-12085
- Advanced Gas Turbine (AGT) powertrain system development program --- automobile engines [NASA-CR-169475] p 200 N83-12088
- Components for digitally controlled aircraft engines [NASA-CR-165296] p 201 N83-12089
- Rotorcraft convertible engines for the 1980s [NASA-TM-83008] p 201 N83-12091
- Energy efficient engine Fan test hardware detailed design report [NASA-CR-165148] p 212 N83-16341
- The CF6 engine performance improvement [NASA-CR-165612] p 212 N83-16342
- Study of advanced rotary combustion engines for commuter aircraft [NASA-CR-165399] p 214 N83-17545
- The spark-ignition aircraft piston engine of the future p 353 N83-22450
- Current designs, future possibilities and programmatic suggestions p 353 N83-22452
- Advanced rotary engines p 340 N83-22454
- An overview of general aviation propulsion research programs at NASA Lewis Research Center p 340 N83-22456
- Analytical fuel property effects, small combustors, phase 1 [NASA-CR-168138] p 404 N83-23464
- Opportunities for research in aerothermodynamics [NASA-TM-83348] p 394 N83-24506
- Research and development of the turbofan engine (the 2nd phase, FJR 710) [NAL-TR-741] p 395 N83-24508
- DOE wave-turbine-engine demonstration [DE82-018322] p 562 N83-28458
- Multi-fuel rotary engine for general aviation aircraft [NASA-TM-83429] p 539 N83-29235
- The matrix of axial and radial plays The present situation and perspectives --- turbojet engines p 541 N83-29253
- Turbine tip clearance control in gas turbine engines p 541 N83-29254
- Energy efficient engine low-pressure compressor component test hardware detailed design report [NASA-CR-165354] p 616 N83-30427
- Energy efficient engine Core engine bearings, drives and configuration Detailed design report [NASA-CR-165376] p 617 N83-30430
- Real-time simulation of jet engines with digital computer 1 Fabrication and characteristics of the simulator [NASA-TM-77081] p 684 N83-32809
- Current and future technology in radial and axial gas turbines [NASA-TM-83414] p 684 N83-32811
- Influence of computational fluid dynamics on experimental aerospace facilities A fifteen year projection [NASA-CR-172859] p 691 N83-33911
- Multi-fuel rotary engine for general aviation aircraft [NASA-TM-85428] p 748 N83-36031
- Development of high loading, high efficiency axial flow turbine p 749 N83-36399
- ### ENGINE FAILURE
- The effects of firing a weapon on the air intake in a subsonic flow [AAAF PAPER NT 81-11] p 8 A83-11772
- Existing time limit for overwater operations - Its validity p 189 A83-13170
- The icing of aircraft gas turbine engines p 182 A83-14619
- Statistical estimation of the mean time-to-failure of an aircraft engine as a function of the cause of failure p 272 A83-23433
- Full-flow debris monitoring and fine filtration for helicopter propulsion systems p 278 A83-24838
- Computer generated cockpit engine displays p 269 A83-26309
- An overview of turbine engine structural design - Development trends in the Air Force [AIAA 83-0952] p 338 A83-29777
- The influence of defects on the operational strength of disks and wheels in engines p 472 A83-33964
- Statistical study of TBO and estimation of acceleration factors of ASMT for aircraft turbo-engine --- Accelerated Simulated Mission Endurance Testing p 448 A83-35858
- Life estimation methods of gas turbine rotating components p 449 A83-35870
- A contribution to airworthiness certification of gas turbine disks p 449 A83-35872
- A Monte Carlo simulation of the engine development process [AIAA PAPER 83-1230] p 452 A83-36294
- Development trends in engine durability --- for USAF aircraft gas turbines [AIAA PAPER 83-1297] p 455 A83-36329



- Development of simulated mission endurance test acceleration factors in determining engine component serviceability and failure mode critically  
[AIAA PAPER 83-1409] p 457 A83-36398
- Super integrated power unit (SIPU) for the F-16 engine start system  
[SAE PAPER 821462] p 534 A83-37996
- A simulation study of the low-speed characteristics of a light twin with an engine-out  
[AIAA PAPER 83-2128] p 626 A83-41951
- Aircraft usage and effects on engine life  
[ASME PAPER 83-GT-143] p 741 A83-47967
- Ferographic and spectrometer oil analysis from a failed gas turbine engine  
[NASA-TM-82956] p 218 A83-12433
- The use of laterally vectored thrust to counter thrust asymmetry in a tactical jet aircraft  
[NASA-CR-166047] p 170 A83-15319
- Aircraft accident report Reeve Aleutian Airways, Nihon YS-11A, N169RV, King Salmon, Alaska, February 16, 1982  
[PB82-910414] p 249 A83-18700
- A theory of rotating stall of multistage axial compressors  
[NASA-CR-8385] p 506 A83-29175
- Throttle handling related to J85 engine performance and durability Canadian forces experience  
p 541 A83-29249
- Deterioration in service of engine transient behaviour  
p 542 A83-29256
- Techniques for determining engine stall recovery characteristics  
p 543 A83-29265
- Designing for stability in advanced turbine engines  
p 543 A83-29266
- Estimation of windmilling drag and airflow of turbo-jet and turbo-fan engines  
[ESDU-81009] p 677 A83-32789
- Comparative evaluation of gas-turbine engine combustion chamber starting and stalling characteristics for mechanical and air-injection  
[NASA-TM-77024] p 684 A83-32805
- ### ENGINE INLETS
- The effects of firing a weapon on the air intake in a subsonic flow  
[AAAF PAPER NT 81-11] p 8 A83-11772
- Airframe effects on a top-mounted fighter inlet system  
p 177 A83-13166
- Fiber optics for aircraft engine/inlet control  
p 211 A83-22494
- Calculation of pressure losses in the diffusers of mixing afterburners  
p 273 A83-23445
- Effect of variable guide vanes on the performance of a high-bypass turbofan engine  
p 274 A83-24028
- Composite engine inlet particle separator swirl frame --- CAD for T700 helicopter engine centrifugal filter  
p 278 A83-24841
- In-flight acoustic measurements in the engine intake of a Fokker F28 aircraft  
[AIAA PAPER 83-0677] p 279 A83-25909
- The design and flight test of an engine inlet bulk acoustic liner  
[AIAA PAPER 83-0781] p 281 A83-25963
- Separation characteristics of the T700 engine inlet particle separator  
p 336 A83-27479
- The influence of inlet design on the aeroacoustic performance of a JT15D turbofan engine as measured in the NASA-Ames 40 x 80 foot wind tunnel  
[AIAA PAPER 83-0681] p 337 A83-28006
- Zero-length inlets for subsonic V/STOL aircraft  
p 312 A83-29012
- Propulsion system installation design for high-speed prop-fans  
p 337 A83-29014
- The integration of internal combustion engines of the General Aviation - Problems raised by ventilation and exhaust  
[AAAF PAPER NT 82 16] p 393 A83-33167
- Variation of rotor blade vibration due to interaction of inlet and outlet distortion  
p 450 A83-35882
- Aircraft engine inlet pressure distortion testing in a ground test facility  
[AIAA PAPER 83-1233] p 453 A83-36296
- Response of a supersonic inlet to downstream perturbations  
[AIAA PAPER 83-2017] p 422 A83-36403
- Inlet design for high-speed propfans  
[SAE PAPER 821359] p 495 A83-37957
- Survey of inlet development for supersonic aircraft  
[AIAA PAPER 83-1164] p 503 A83-40473
- F/A-18 inlet/engine compatibility flight test results  
p 594 A83-41039
- Flow visualization investigation of choking cascade turns  
p 641 A83-42584
- Dynamic distortion in a short s-shaped subsonic diffuser with flow separation --- Lewis 8 by 6 foot Supersonic Wind Tunnel  
[AIAA PAPER 83-1412] p 683 A83-45515
- On the influence of the diffuser inlet shape on the performance of a centrifugal compressor stage  
[ASME PAPER 83-GT-9] p 737 A83-47881
- Inlet-fan flow field computation  
[ASME PAPER 83-GT-41] p 713 A83-47901
- Wind tunnel tests of a zero length, slotted-lip engine air inlet for a fixed nacelle V/STOL aircraft  
[NASA-TM-82939] p 9 A83-10019
- Fluid Dynamics Panel Symposium on Aerodynamics of Power Plant Installation  
[AGARD-AR 173] p 45 A83-11138
- Prediction of sound radiation from different practical jet engine inlets  
[NASA-CR-169533] p 223 A83-13936
- A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 1  
[NASA-CR-159379] p 191 A83-16288
- A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 2  
[NASA-CR-159380] p 191 A83-16289
- Transitory stall in diffusers  
[AD-A122953] p 394 A83-23315
- Dynamic distortion in a short s-shaped subsonic diffuser with flow separation --- Lewis 8 by 6 foot Supersonic Wind Tunnel  
[NASA-TM-83412] p 459 A83-26838
- Effects of intake flow distortion on engine stability  
p 542 A83-29257
- Helicopter air inlets Design process, wind tunnel testing and correlations with flight data  
p 581 A83-30383
- Radiation of sound from unflanged cylindrical ducts  
[NASA-CR-172171] p 705 A83-33591
- Numerical study of scramjet and ramjet flow fields  
p 685 A83-33887
- Preliminary tests of an advanced high-temperature combustion system  
[NASA-TP-2203] p 686 A83-33893
- Vortex motion in axisymmetric piston-cylinder configurations  
[NASA-TM-85404] p 765 A83-35318
- ### ENGINE MONITORING INSTRUMENTS
- ASTF test instrumentation system detail design --- Aeropropulsion System Test Facility  
p 54 A83-11059
- Effectiveness of turbine engine diagnostic systems  
[AIAA PAPER 83-0535] p 161 A83-16773
- Improved fault detection in the hot section of turbojet engines by individual monitoring procedures  
p 210 A83-19666
- Helicopter engine development - New standards for the '80s  
p 278 A83-24837
- PMUX - The interface for engine data to AIDS --- propulsion multiplexer Aircraft Integrated Data System  
p 391 A83-30158
- Rotorshaft torque meter --- to increase helicopter performance  
p 390 A83-30174
- Minimum contact magnetic sensing of turbine blade speed  
p 391 A83-30175
- F/A-18A Inflight Engine Condition Monitoring System (IECMS)  
[AIAA PAPER 83-1237] p 453 A83-36300
- United Kingdom military engine usage, condition and maintenance systems experience  
[AIAA PAPER 83-1239] p 453 A83-36302
- Modern technology and airborne engine vibration monitoring systems  
[AIAA PAPER 83-1240] p 444 A83-36303
- Comparison of an experience with full authority digital engine controls in rotary wing and jet-lift VSTOL aircraft  
[AIAA PAPER 83-1241] p 454 A83-36304
- Instrumental problems in small gas turbine engines  
[AIAA PAPER 83-1293] p 444 A83-36327
- Advanced techniques for measurement of strain and temperature in a turbine engine  
[AIAA PAPER 83-1296] p 558 A83-39106
- Method of thermodynamic function control and of damage analysis regarding aircraft engines with the aid of flight data recording systems -- German thesis  
p 613 A83-41850
- A7E/TF41 Engine Monitoring System (EMS)  
[ASME PAPER 83-GT-91] p 739 A83-47938
- Automated diagnostic system for engine maintenance --- vibration data extraction from gas turbine engines  
[ASME PAPER 83-GT-103] p 739 A83-47943
- Design of a microprocessor-based Control, Interface and Monitoring (CIM) unit for turbine engine controls research  
[NASA-TM-83433] p 712 A83-34885
- ### ENGINE NOISE
- Tests of a thermal acoustic shield with a supersonic jet  
p 72 A83-10183
- Rotor wake characteristics relevant to rotor-stator interaction noise generation  
p 39 A83-10184
- Assessment of inflow control structure effectiveness and design system development  
p 189 A83-13161
- Generation of desired signals from acoustic drivers --- for aircraft engine internal noise propagation experiment  
p 199 A83-15068
- Propeller noise at model- and full-scale  
p 222 A83-15314
- Wind tunnel measurements of blade/vane ratio and spacing effects on fan noise  
p 222 A83-15317
- Procedure for evaluation of engine isolators for reduced structure-borne noise transmission  
p 199 A83-15320
- Eigensolutions for liners in uniform mean flow ducts  
p 237 A83-19810
- Effect of excitation on coaxial jet noise  
p 237 A83-19811
- High bypass ratio engine noise component separation by coherence technique  
p 211 A83-22159
- Turbofan engine blade pressure and acoustic radiation at simulated forward speed  
p 274 A83-24026
- Design and development of a mixer compound exhaust system --- in aircraft turbofan engines  
p 274 A83-24029
- Flight effects on fan noise with static and wind tunnel comparisons  
[AIAA PAPER 83-0678] p 279 A83-25910
- Noise transmission through sidewall treatments applicable to twin-engine turboprop aircraft  
[AIAA PAPER 83-0695] p 306 A83-25916
- Specification, design, and test of aircraft engine isolators for reduced interior noise  
[AIAA PAPER 83-0718] p 279 A83-25932
- Sources of installed turboprop noise  
[AIAA PAPER 83-0744] p 280 A83-25946
- Vane camber and angle of incidence effects in fan noise generation  
[AIAA PAPER 83-0766] p 280 A83-25956
- Tone generation by rotor-downstream strut interaction  
[AIAA PAPER 83-0767] p 280 A83-25957
- Prediction of high bypass ratio engine static and flyover jet noise  
[AIAA PAPER 83-0773] p 281 A83-25958
- The design and flight test of an engine inlet bulk acoustic liner  
[AIAA PAPER 83-0781] p 281 A83-25963
- Comparison of measured and predicted flight effects on high-bypass coaxial jet exhaust noise  
[AIAA PAPER 83-0749] p 308 A83-26450
- A compact inflow control device for simulating flight fan noise  
[AIAA PAPER 83-0680] p 365 A83-28005
- Sound propagation in segmented exhaust ducts - Theoretical predictions and comparison with measurements  
[AIAA PAPER 83-0734] p 366 A83-28016
- Model and full-scale studies of the exhaust noise from a bypass engine in flight  
[AIAA PAPER 83-0751] p 337 A83-28019
- Application of 3-signal coherence to core noise transmission  
[AIAA PAPER 83-0759] p 366 A83-28021
- Laboratory study of add-on treatments for interior noise control in light aircraft  
p 386 A83-32581
- Effect of sound absorbing wall linings on aerodynamic forces of a subsonic vibrating cascade  
p 411 A83-33372
- Acoustic modal analysis of a full-scale annular combustor  
[AIAA PAPER 83-0760] p 481 A83-33486
- Cross spectra between temperature and pressure in a constant area duct downstream of a combustor  
[AIAA PAPER 83-0762] p 481 A83-33487
- Introducing the Rolls-Royce Tay  
[AIAA PAPER 83-1377] p 456 A83-36368
- Cabin noise weight penalty requirements for a high-speed propfan-powered aircraft - A progress report  
[SAE PAPER 821360] p 517 A83-37958
- The Coanda/refraction concept for gas turbine engine test cell noise suppression  
[SAE AIR 1813] p 547 A83-38105
- Interior noise considerations for advanced high-speed turboprop aircraft  
p 675 A83-43970
- Experimental methods in compressor noise studies  
[ONERA, TP NO 1983-79] p 769 A83-48194
- Flight effects of fan noise  
[NASA-CP-2242] p 73 A83-10883
- USAF bioenvironmental noise data handbook Volume 172 Hush-noise suppressor (Aero Systems Engineering, Incorporated) far-field noise  
[AD-A18773] p 223 A83-12973
- Experiments on high bypass internal mixer nozzle jet noise  
[NASA TM-83020] p 191 A83-16152
- Effects of flight on noise radiated from convected ring sources in coaxial dual flow Part 2 The noise from heated jets  
[NASA-CR-169736] p 238 A83-17237

Effects of noise radiated from convected ring sources in coaxial dual flow Part 1 The noise from unheated jets

[NASA-CR-169737] p 238 N83-17238

USAF Bioenvironmental Noise Data Handbook Volume 160 KC-10A aircraft, near and far-field noise

[AD-A121301] p 309 N83-19579

Tone generation by rotor-downstream strut interaction

[NASA-TM-83330] p 283 N83-19754

Application of 3-signal coherence to core noise transmission

[NASA-TM-83333] p 387 N83-23114

A compact inflow control device for simulating flight fan noise

[NASA-TM-83349] p 482 N83-26643

USAF (United States Air Force) bioenvironmental noise data handbook Volume 2 Index

[AD-A126851] p 653 N83-31421

Noise suppressor for turbo fan jet engines

[NASA-CASE-ARC-10812-1] p 685 N83-33884

## ENGINE PARTS

Preventing the strength failure of machines by vibrodiagnostic methods. II - The use of vibrodiagnostics for preventing the failure of certain parts and assemblies of gas-turbine engines

Fabrication technology for aircraft engines --- Russian book

p 185 N83-20381

Fatigue and creep considerations in the design of turbine components

p 230 N83-21461

Fatigue failure under fretting conditions

p 224 N83-21481

A finite-element study of the stress-strain state of the turbofan rotor of an aircraft gas-turbine engine

p 274 N83-23515

The maintenance of modern engines in civil aviation

[DGLR PAPER 82-070] p 275 N83-24184

The interaction between a separated blade and the armor ring

p 337 N83-28510

Calculation of the depth and hardness of the carburization layer of cylindrical parts --- for aircraft engines

p 350 N83-29282

Development of counter-rotating intershaft support bearing technology --- for aircraft gas turbine engines

p 392 N83-32587

Determination of the theoretical profile of the electrode tool in the electrochemical processing of parts of complex shape

p 407 N83-32967

Investigation methods on residual stresses in aero engines components

p 449 N83-35879

Life prediction for turbine engine components

p 474 N83-36174

Nondestructive evaluation methods for implementation of damage-tolerant designed gas turbine engine components

[AIAA PAPER 83-1232] p 452 N83-36295

Deterioration trending enhances jet engine hardware durability assessment and part management

[AIAA PAPER 83-1234] p 453 N83-36297

Advanced techniques for gas and metal temperature measurements in gas turbine engines

[AIAA PAPER 83-1291] p 444 N83-36325

Development of simulated mission endurance test acceleration factors in determining engine component serviceability and failure mode criticality

[AIAA PAPER 83-1409] p 457 N83-36398

Utilization of computer aided design for the development of advanced turbomachinery components

[SAE PAPER 821423] p 533 N83-37980

Implementation and integration of process planning

[SAE PAPER 821424] p 557 N83-37981

Repairing gas turbine hot section airfoils today

[SAE PAPER 821487] p 534 N83-38006

Major hot section component salvaged through advanced repair methods

[SAE PAPER 821489] p 534 N83-38007

Experiences in repair of hot section gas turbine components

[SAE PAPER 821490] p 535 N83-38008

Evaluation of the efficiency of the diamond burnishing of gas-turbine-engine parts

p 558 N83-39511

Composite engine duct fabrication

p 490 N83-39941

B-1B manufacturing - General Electric F101 production news

p 490 N83-40332

An experimental study of ball bearings in the combined supports of the rotors of gas-turbine engines

p 640 N83-42144

A study of the gas-dynamic efficiency of the labyrinth seals of gas-turbine engines with a profiled stator wall

p 615 N83-42153

The strength of GTE structural elements under low-cycle loading

p 615 N83-42877

Ceramic components for high-temperature vehicular gas turbines - State of the art of the German ceramic program

[ASME PAPER 83-GT-205] p 762 N83-48006

Component qualification and initial build of the AGT 100 advanced automotive gas turbine

[ASME PAPER 83-GT-225] p 763 N83-48023

Progress in net shape fabrication of alpha SiC turbine components

[ASME PAPER 83-GT-238] p 763 N83-48030

Status report 1981 on the German BMFT-sponsored programme 'Ceramic components for vehicular gas turbines'

p 756 N83-48309

Advanced Gas Turbine (AGT) powertrain system development program --- automobile engines

[NASA-CR-169475] p 200 N83-12088

Casting critical components --- investment casting

[NEL-681] p 218 N83-13294

The quality and control of precision castings for turbomachines

p 179 N83-15446

The oil/air system of a modern fighter aircraft engine

p 167 N83-15511

Rotor-fuselage interference on engine internal aerodynamics in maneuvering high-speed rotorcraft

p 193 N83-17480

The JT9D Jet Engine Diagnostics Program

[NASA-CR-167966] p 214 N83-17544

Flight evaluation of an engine static pressure noseprobe in an F-15 airplane

[NASA-CR-163109] p 214 N83-17546

Energy efficient engine component development and integration program

[NASA-CR-170089] p 339 N83-22204

Energy efficient engine low-pressure compressor component test hardware detailed design report

[NASA-CR-165354] p 616 N83-30427

Energy efficient engine high-pressure turbine single crystal vane and blade fabrication technology report

[NASA-CR-165400] p 616 N83-30429

## ENGINE STARTERS

A 400 Hz starter/generator system --- for aircraft engines

p 40 N83-11207

Selection of the optimal output parameters for the starting device of a double-shaft turbofan engine

p 273 N83-23442

On the question of calculating the pressurization start-up regimes of a gas-turbine plant

p 406 N83-32651

Criteria for optimizing starting cycles for high performance fighter engines

[AIAA PAPER 83-1127] p 450 N83-36236

Super integrated power unit (SIPU) for the F-16 engine start system

[SAE PAPER 821462] p 534 N83-37996

Application of a hot gas high pressure rotary vane motor to aircraft APU starting

[SAE PAPER 821464] p 534 N83-37997

Improvements in F-16 engine restart capability with a SIPU (Super Integrated Power Unit)

[AD-A129578] p 749 N83-36036

## ENGINE TESTS

Automatic plotting of the results of bench tests of turbine engines

p 39 N83-10444

Fuel property effects on Air Force gas turbine engines - Program genesis

p 59 N83-10653

Effect of oxygen addition on ignition of aero-gas turbine at simulated altitude facility

p 39 N83-10660

The first implementation of ATLAS for testing gas turbine engines

p 1 N83-10750

Simulated mission endurance control system

p 54 N83-10751

PETTS /Programmable Engine Test Test Set/

p 54 N83-10752

ASTF test instrumentation system detail design --- Aeropropulsion System Test Facility

p 54 N83-11059

Assessment of inflow control structure effectiveness and design system development

p 189 N83-13161

An enhancement for the ultrasonic test bed to inspect engine disk bolt holes

p 214 N83-15160

TF41/Lamilly accelerated mission test

p 199 N83-15319

Supersonic Harrier - One step closer

p 200 N83-16371

The role of CFD in aeropropulsion ground testing --- Computational Fluid Dynamics

[AIAA PAPER 83-0149] p 172 N83-16557

Effectiveness of turbine engine diagnostic systems

[AIAA PAPER 83-0535] p 161 N83-16773

NAPC gyroscopic moment test facility

p 173 N83-18407

Compact installation for testing vectored-thrust engines

p 218 N83-22158

Theory and design of flight-vehicle engines --- Russian book

p 211 N83-22651

Current problems in the testing of aircraft engines

p 211 N83-22652

Evaluation of the technical state of aircraft gas-turbine engines from thermogasdynamic parameters with allowance for the natural scatter of state parameters

p 272 N83-23430

U S Army/Detroit Diesel Allison Advanced Technology Demonstrator Engine

p 277 N83-24836

The T700-GE-700 engine experience in sand environment

p 278 N83-24842

Separation characteristics of the T700 engine inlet particle separator

p 336 N83-27479

Evaluation of the productivity of an automated system for the testing of aircraft engines

p 338 N83-29277

Maintenance of large engines CF6s for the Airbus A310

p 391 N83-30073

Development of a turbojet engine simulator for scale model wind tunnel testing of multi-mission aircraft

p 447 N83-35848

Ground simulation of engine operation at altitude

p 463 N83-35863

Simulation of advanced engine lubrication and rotor dynamics systems - Rig design and fabrication

[AIAA PAPER 83-1133] p 450 N83-36238

Methanol combustion in a CF61-80A engine combustor

[AIAA PAPER 83-1138] p 469 N83-36241

The aerodynamic design and performance of the General Electric/NASA EEE fan --- Energy Efficient Engine

[AIAA PAPER 83-1160] p 451 N83-36252

A Monte Carlo simulation of the engine development process

[AIAA PAPER 83-1230] p 452 N83-36294

Aircraft engine inlet pressure distortion testing in a ground test facility

[AIAA PAPER 83-1233] p 453 N83-36296

Accelerated Mission Testing of the F110 Engine

[AIAA PAPER 83-1235] p 453 N83-36298

Results of tests of a rectangular vectoring/reversing nozzle on an F100 engine

[AIAA PAPER 83-1285] p 454 N83-36322

Application of thin film strain gages and thermocouples for measurement on aircraft engine parts

[AIAA PAPER 83-1292] p 444 N83-36326

Accelerated simulated mission endurance test of a turboshaft engine for military attack helicopter application

[AIAA PAPER 83-1359] p 455 N83-36357

Development of simulated mission endurance test acceleration factors in determining engine component serviceability and failure mode criticality

[AIAA PAPER 83-1409] p 457 N83-36398

New transformations of S4 Modane hypersonic wind tunnel for ramjet missiles tests

[ONERA, TP NO 1983-24] p 464 N83-36433

Full Authority Digital Electronic Control (FADEC) - Augmented fighter engine demonstration

[SAE PAPER 821371] p 532 N83-37963

Closed-loop engine fuel system simulation

[SAE PAPER 821374] p 532 N83-37964

Developments in performance monitoring and diagnostics in aircraft turbine engines

[SAE PAPER 821400] p 533 N83-37973

Development and operating characteristics of an advanced two-stage combustor

p 535 N83-38022

The Coanda/refraction concept for gas turbine engine test cell noise suppression

[SAE AIR 1813] p 547 N83-38105

Advanced techniques for measurement of strain and temperature in a turbine engine

[AIAA PAPER 83-1296] p 558 N83-39106

F/A-18 inlet/engine compatibility flight test results

p 594 N83-41039

JT9D performance deterioration results from a simulated aerodynamic load test

p 612 N83-41040

Large scale aeroengine compressor test facility

p 630 N83-41534

Tapered roller bearings for turbine engines

p 641 N83-42559

Hydrogen aspiration in a direct injection type diesel engine its effects on smoke and other engine performance parameters

p 642 N83-42958

Nonsynchronous whirls of the turbine rotor in aerojet engines

p 615 N83-43694

Investigation of F/A-18A engine throttle usage and parametric sensitivities

[ASME PAPER 83-GT-64] p 738 N83-47919

Investigation of fixed-rake sampling system for the assessment of emission characteristics of gas turbine engines

[ASME PAPER 83-GT-72] p 738 N83-47925

Test experience with turbine-end foil bearing equipped gas turbine engines

[ASME PAPER 83-GT-73] p 739 N83-47926

Automated diagnostic system for engine maintenance --- vibration data extraction from gas turbine engines

[ASME PAPER 83-GT-103] p 739 N83-47943

The Navy PATE program - A status report --- Propulsion Automatic Test Equipment

[ASME PAPER 83-GT-109] p 739 N83-47944

- Measurement and analyses of heat flux data in a turbine stage 1 - Description of experimental apparatus and data analysis  
[ASME PAPER 83-GT-121] p 740 A83-47950
- Structural response due to blade vane interaction  
[ASME PAPER 83-GT-133] p 740 A83-47960
- Built-In Test Equipment (BITE) on the Garrett model GTPC331 APU digital electronic control unit -- for gas turbine aircraft auxiliary power system  
[ASME PAPER 83-GT-186] p 742 A83-47992
- The impact of computers on the test cell of tomorrow -- for gas turbine engine tests  
[ASME PAPER 83-GT-187] p 742 A83-47993
- Strong pressure waves in air-breathing engines  
p 715 A83-48216
- OCSEE under-the-wing engine-wing-flap aerodynamic profile characteristics  
[NASA-TM-82890] p 201 N83-12092
- Instrumentation for gas turbines  
[NLR-MP-81016-U] p 203 N83-13106
- Uniform engine testing program Phase 1 NASA Lewis Research Center participation  
[NASA-TM-82978] p 163 N83-14126
- Powder metallurgy Rene 95 rotating turbine engine parts, volume 2  
[NASA-CR-165141] p 178 N83-15412
- A limited study of thrust vector control with guide vanes and jet rudder  
[FOA-C-20455-E3] p 221 N83-16386
- Flight evaluation of an engine static pressure noseprobe in an F-15 airplane  
[NASA-CR-163109] p 214 N83-17546
- Analysis of strain gage reliability in F-100 jet engine testing at NASA Lewis Research Center  
[NASA-TM-83325] p 408 N83-24829
- A survey of inlet/engine distortion compatibility  
[NASA-TM-83421] p 536 N83-27991
- Engine performance comparison associated with carburetor icing during aviation grade fuel and automotive grade fuel operation  
[DOT/FAA/CT-82/110] p 618 N83-31604
- Effects of wind on turbofan engines in outdoor static test stands  
[NASA-TM-83493] p 747 N83-34945
- Ceramic applications in turbine engines  
[NASA-CR-165494] p 771 N83-37028
- ENGINEERING MANAGEMENT**
- Airport pavement management A total system  
[AIAA PAPER 83-1600] p 399 A83-33363
- Advanced rapid runway repair A stable and flush repaired runway surface  
p 175 N83-15287
- Evaluation of the pilot papers from the Spring 1981 SMP Meeting  
p 175 N83-15288
- ENGINES**
- Rotor-fuselage interference on engine internal aerodynamics in maneuvering high-speed rotorcraft  
p 193 N83-17480
- Restartable high power gas generator  
[AD-A127291] p 646 N83-31022
- ENGLAND**
- A UK NATS view of the air traffic management requirements in the next decade  
p 325 N83-22178
- ENTHALPY**
- Thermodynamics of organic compounds  
[AD-A125022] p 483 N83-27895
- ENTRAINMENT**
- A study of lean extinction limit for pilot flame holder  
p 469 A83-35821
- Entrainment and mixing in thrust augmenting ejectors  
[AIAA PAPER 83-0172] p 419 A83-36046
- V-STOL fountain force coefficient  
[AD-A126261] p 528 N83-29200
- ENTROPY**
- The entropy efficiency of blade machines  
p 162 A83-16953
- ENVIRONMENT EFFECTS**
- Area equivalent method A quick procedure for determining noise impact at civilian airports  
[PB82-195892] p 223 N83-12975
- Fresh look is needed at south Florida jetport  
[GAO/CED-82-54] p 189 N83-14769
- Environmental quality research Fate of toxic jet fuel components in aquatic systems  
[AD-A122548] p 351 N83-21168
- Use of geochemical investigative methods for preliminary hygienic assessment of effect of airports on environment  
p 349 N83-22972
- Runway 18 West under discussion On icy winds in the airport controversy  
[FACHTHEMEN-1] p 400 N83-23320
- Ultra sound and insurance  
p 412 N83-24286
- Helicopter noise exposure curves for use in environmental impact assessment  
[AD-A123467] p 413 N83-25500
- Environmental effects and durability  
p 636 N83-30532
- Atmospheric electricity hazards protection program  
p 649 N83-31165
- Polymer concrete patching manual  
[PB83-180265] p 647 N83-31912
- ENVIRONMENTAL MANAGEMENT**
- Fresh look is needed at south Florida jetport  
[GAO/CED-82-54] p 189 N83-14769
- FAA integrated noise model validation Analysis of air carrier flyovers at Seattle-Tacoma Airport  
[AD-A124097] p 479 N83-26320
- ENVIRONMENT MODELS**
- Several problems in the design of environmental wind tunnels  
p 690 N83-32739
- ENVIRONMENT POLLUTION**
- Durability of aircraft composite materials  
p 211 N83-12164
- Use of geochemical investigative methods for preliminary hygienic assessment of effect of airports on environment  
p 349 N83-22972
- ENVIRONMENT PROTECTION**
- Computer programs for producing single-event aircraft noise data for specific engine power and meteorological conditions for use with USAF (United States Air Force) community noise model (NOISEMAP)  
[AD-A127419] p 653 N83-31422
- In-depth survey report of American Airlines plating facility  
[PB83-187799] p 647 N83-31916
- ENVIRONMENT SIMULATION**
- Toward "combat realistic" tests, evaluations, exercises - and training  
p 56 A83-11237
- "A total G-force environment dynamic flight simulator" - A new dimension in flight simulation  
[AIAA PAPER 83-0139] p 171 A83-16548
- Electromagnetic environment simulation for TCAS avionics -- Threat Alert and Collision Avoidance Systems  
p 141 A83-17304
- Computer-generated images in visual simulation and avionic technologies  
p 219 A83-22835
- Simulate airborne radar environments  
p 512 A83-37821
- The simulation of temperature-stratified atmospheric boundary layers in a wind tunnel  
p 689 A83-46492
- Weather hazard simulation in the Modane wind-tunnels  
[NASA-TM-77069] p 631 N83-30438
- ENVIRONMENT SIMULATORS**
- Fiber optics for electro-magnetic pulse /EMP/ simulators  
p 218 A83-22495
- ENVIRONMENTAL CONTROL**
- A hybrid facility for the simulation, development, and validation of ECS microprocessor based controls  
[SAE PAPER 820867] p 289 A83-25766
- Aircraft vehicle equipment improvements via microprocessors  
[SAE PAPER 820868] p 263 A83-25767
- Environmental control of an aircraft pod mounted electronics system  
[SAE PAPER 820869] p 263 A83-25768
- ECS schemes for All Electric Airliners  
[SAE PAPER 820870] p 263 A83-25769
- Evaluating Scroll refrigerant compressors for reducing size and weight of military aircraft ECS  
[SAE PAPER 820877] p 263 A83-25771
- Chemical defense, environmental control systems study  
[SAE PAPER 820866] p 384 A83-30944
- Development of avionics installation interface standards  
[AD-A116852] p 38 N83-11123
- ENVIRONMENTAL MONITORING**
- Estimation of turbulence severity in precipitation environments by radar  
p 360 A83-27044
- Modular Airborne Remote Sampling and Sensing System (MARSSS)  
[DE82-005691] p 410 N83-25226
- ENVIRONMENTAL TESTS**
- The McDonnell Aircraft environmental test laboratory  
p 172 A83-16931
- The interaction of high temperature corrosion and mechanical properties of alloys  
p 224 A83-21470
- The T700-GE-700 engine experience in sand environment  
p 278 A83-24842
- Benefits of mission profile testing  
p 405 A83-31481
- The effect of microstructure on the fatigue behavior of Ni base superalloys  
p 469 A83-36166
- The in service flight testing of some carbon fibre-reinforced plastic components  
p 599 A83-42808
- The Shock and Vibration Bulletin Part 2 Environmental testing, shock testing, shock analysis  
[AD-D432830] p 66 N83-10231
- Random impact vibration testor  
p 66 N83-10234
- Vibration test level criteria for aircraft equipment  
p 31 N83-10240
- Flight service evaluation of composite components on Bell 206L and Sikorsky S-76 helicopters  
[NASA-TM-84637] p 297 N83-19815
- Evaluation of Precision Approach Path Indicator (PAPI)  
[FAA-CT-82-153] p 383 N83-24495
- Climatic laboratory survey Hughes YAH-64 helicopter  
[AD-A124670] p 440 N83-25698
- ENVIRONMENTS**
- Cockpit environment  
p 610 N83-30416
- EPOXY MATRIX COMPOSITES**
- A production engineers view of advanced composite materials  
p 59 A83-11800
- The use of composite materials in aircraft propellers  
p 42 A83-12966
- Advanced composites structures at Hughes Helicopters, Inc.  
p 260 A83-23645
- A tubular braided composite main rotor blade spar  
p 435 A83-35949
- Design, fabrication and test of a composite elevator  
p 695 A83-44046
- Composite helicopter structure tested for crashworthiness  
p 675 A83-44875
- Durability of commercial aircraft and helicopter composite structures  
p 61 N83-11243
- Use of composites in aero-engines  
[PNR-90148] p 554 N83-29322
- Advanced composite aileron for L-1011 transport aircraft Aileron manufacture  
[NASA-CR-165718] p 635 N83-30522
- Design, fabrication, installation and flight service evaluation of a composite cargo ramp skin on a model CH-53 helicopter  
[NASA-CR-172126] p 693 N83-33955
- EPOXY RESINS**
- Plastic tooling for advanced composites  
p 222 A83-20481
- Aging and performance of structural film adhesives 1 - A comparison of two high-temperature curing, epoxy-based systems  
p 223 A83-21048
- Application of Fourier transform infrared spectroscopy for quality control analysis of epoxy resin prepreps used in helicopter rotor blades  
p 61 N83-11232
- Stress analysis of advanced attack helicopter composite main rotor blade root end lug  
[NASA-TM-84578] p 178 N83-15381
- Unsymmetric laminated graphite/epoxy composite plate and beam analysis for determining coefficients of thermal expansion  
[AD-A128625] p 765 N83-35416
- EQUATIONS OF MOTION**
- A similarity analysis of the droplet trajectory equation  
p 212 A83-13133
- A computational method for performing the multiblade coordinate transformation  
p 191 A83-16029
- On the possibility of balancing rotating flexible shafts  
p 180 A83-17724
- Rotor blade flap-lag stability in turbulent flows  
p 151 A83-18380
- General equations of motion for an elastic wing and method of solution  
[AIAA 83-0921] p 357 A83-28847
- Added fluid mass and the equations of motion of a parachute  
p 715 A83-48145
- Practical applications of system identification in flutter testing  
p 753 A83-49182
- Reduction of aerodynamic drag Torsion disc viscometry  
[AD-A117859] p 10 N83-10020
- Rotor dynamic simulation and system identification methods for application to vacuum whirl data  
[NASA-CR-159358] p 32 N83-11117
- Hereditary models for airfoils in unsteady aerodynamics, numerical approximations and parameter estimation  
[AD-A118446] p 179 N83-12050
- A set of flight dynamic equations for aircraft simulation  
[AD-A119543] p 175 N83-14143
- General basic concepts for a trajectory simulation of a guided missile  
[PML-1981-36] p 221 N83-17574
- The performance calculation of an axial flow compressor stage  
p 283 N83-18957
- Unified theory of motion of inner planets  
p 655 N83-30457
- Design of a multivariable tracker control law for the A-7D Digita 2 aircraft  
[AD-A127440] p 629 N83-31607
- Short takeoff performance using a gravity assist ski jump  
[AD-A126456] p 679 N83-33879
- EQUILIBRIUM FLOW**
- A three-dimensional hypersonic gas flow over a slender wing  
p 135 A83-17412

## EQUIPMENT

### EQUIPMENT

The definition of short-period flying qualities characteristics via equivalent systems p 395 A83-32578

### EQUIPMENT SPECIFICATIONS

Component qualification and initial build of the AGT 100 advanced automotive gas turbine [ASME PAPER 83-GT-225] p 763 A83-48023  
Advanced Gas Turbine (AGT) powertrain system development program --- automobile engines [NASA-CR 169475] p 200 N83-12088  
Helmet mounted display feasibility model Optical design [AD-A119191] p 159 N83-14124  
Recommendations as to the elaboration of operational reliability, maintenance cost and availability clauses in aeronautical equipment supply contracts p 303 N83-20180  
Emergency Locator Transmitter (ELT) equipment installation and performance [RTCA/DO-182] p 380 N83-23282  
Possible effects of citizens band radio transmissions on service airborne radio nav aids --- United Kingdom specifications [RAE-TM-RAD-NAV-197] p 560 N83-28291  
Minizone image furnace --- for reduced gravity experiments p 633 N83-31658

### EQUIVALENCE

Equivalent systems criteria for handling qualities of military aircraft p 49 N83-10057

### EROSION

A method of predicting the performance deterioration of a compressor cascade due to sand erosion [AIAA PAPER 83-0178] p 160 A83-18572  
High temperature erosion study of INCO 600 metal p 468 A83-35247  
Effect of sand erosion on the performance deterioration of a single stage axial flow compressor p 448 A83-35854  
Experimental research on cavitation erosion for an oscillating wing profile -- German thesis p 556 A83-37497  
Erosion-corrosion of coatings and superalloys in high velocity hot gases p 757 A83-49481  
Compressor cascade performance deterioration caused by sand ingestion [NASA-CR-168067] p 190 N83-16286  
Blade erosion effects on aircraft-engine compressor performance [DE82-021791] p 213 N83-16346  
Erosion of protective compressor coatings [NLR-MP-87067 U] p 228 N83-17716

### EROSIVE BURNING

Development of a procedure for calculating the effects of airfoil erosion on aircraft engine compressor performance p 213 N83-17457

### ERROR ANALYSIS

A dynamic interface error performance simulation - IV&V for the F-4F OFP --- Independent Verification and Validation for Operational Flight Program p 70 A83-11114  
The use of modal control to minimize errors in the analytical reconstruction of flight control sensor signals p 46 A83-11210  
Bootstrap stereo error simulations -- autonomous aerial navigation using terrain images p 25 A83-12895  
A new technique for the precision DME of microwave landing system p 186 A83-16448  
Errors in the experimental determination of the parameters of supersonic combustion ramjet engines p 211 A83-22653  
A theoretical framework for analysis of lateral position errors in VOR jet route systems p 431 A83-35273  
Error sources in hybrid computer based flight simulation [AIAA PAPER 83-1090] p 436 A83-36214  
Correction to the wing source velocity error in Woodward's USSAERO code p 423 A83-36920  
Something about to improve the accuracy of testing in low speed wind tunnel p 689 A83-44571  
Estimation of simulation errors and investigations of operating range extensions for the European Transonic Wind Tunnel (ETW) [BMFT-FB-W-82-003] p 58 N83-11152  
Calibration facilities for flight test equipment [NLR-MP-81029 U] p 159 N83-14125  
Modeling the helmet mounted sight system [AD-A124681] p 444 N83-25709  
Analysis of F 16 radar discrepancies [AD-A124749] p 476 N83-25948  
Image generation on matrix displays p 611 N83-30418  
Effect of test result uncertainty on the performance of a context-free troubleshooting task [AD-A128584] p 577 N83-31573

### ERROR CORRECTING CODES

Gravity modeling for airborne applications p 17 A83-11090

### ERROR CORRECTING DEVICES

The use of multiple inertial systems to correct for the effects of gravitational anomalies [AIAA PAPER 83-2196] p 591 A83-41681  
Post flight compensation for a master navigator error p 673 A83-46966  
Comparison of simple position resets and Kalman filter position updates for correcting inertial navigation system errors p 673 A83-46967

### ERROR FUNCTIONS

Numerical simulation of vortex breakdown by the vortex filament method [NASA-TM-84334] p 563 N83-29636

### ERRORS

An improved technique for altitude tracking of aircraft [AD-A118899] p 188 N83-13090  
An analysis of reports of operational errors [AD-A123418] p 383 N83-24499  
High-gain error actuated flight control systems for continuous linear multivariable plants [AD-A124871] p 462 N83-26848  
Summary of analysis of sources of forecasting errors in BP 1500 requirements estimating process and description of compensating methodology [AD-A128548] p 577 N83-31574  
A comparison of audio, visual and tactile warning devices in a simulated flight environment [AD A128200] p 669 N83-33862

### ESCAPE SYSTEMS

Open seat ejection at high dynamic pressure A radical approach p 190 A83-15308  
An analysis of the fatality rate data from 'jetison-canopy' and 'through-the-canopy' ejections from automated airborne escape systems p 182 A83-15403  
Preliminary overview analyses of U S Navy Aircrew Automated Escape Systems /AAES/ in-service usage data p 182 A83-15405  
Preliminary generalized thoughts concerning jetisoned vs through-the-canopy ejection escape systems p 182 A83-15406  
Preliminary analyses of flail, windblast and tumble problems and injuries associated with usage of U S Navy Aircrew Automated Escape Systems /AAES/ p 183 A83-15407  
U S Navy Aircrew Automated Escape Systems /AAES/ In-Service Data Analysis program p 183 A83-15408  
An option for enhanced aircrew survivability p 183 A83-15409  
First stage propulsion for the maximum performance ejection system p 190 A83-15421  
MPES update 1981 --- Navy Maximum Performance Ejection System program p 190 A83-15425  
Easiest ejection seat stability and control analysis capability p 190 A83-15428  
Design and development of Cartridge Actuated Device /CAD/ primer p 209 A83-15433  
Development and testing of a microwave radiometric vertical sensor for application to a vertical seeking aircrew escape system p 195 A83-15437  
Microwave measurements for an altitude reference system design --- thrust vector controlled escape systems p 196 A83-15438  
The United States Navy's injury experience in aircraft mishaps p 184 A83-15441  
Design considerations for a electrical signal transmission subsystem /STS/ for the maximum performance ejection system /MPES/ p 191 A83-15442  
Aircraft vehicle equipment improvements via microprocessors [SAE PAPER 820868] p 263 A83-25767  
Escape low and hot --- vertical-seeking, steerable ejection seat design for F-14A aircraft p 384 A83-31587  
Performance assessment of a reclined ejection seat p 516 A83-37879  
Finite-element analysis of the T-38 canopy p 594 A83-41044  
Desirable characteristics of underwater lights for helicopter escape hatches [AD-A120331] p 197 N83-16310  
Desirable characteristics of underwater lights for helicopter escape hatches [AD-A120510] p 198 N83-16312  
Service life evaluation of rigid explosive transfer lines [NASA-TP-2143] p 608 N83-31586  
Explosively activated egress area [NASA-CASE-LAR-12624-1] p 713 N83-35992  
Development of a continuous mode sequencing concept for ejection seats [AD-A128966] p 721 N83-36012

### ESTERS

Analysis of a MIL-L-27502 lubricant from a gas-turbine engine test by size-exclusion chromatography [NASA-TP-2063] p 226 N83-16523

### ESTIMATES

Theory of transport aircraft weight fractions [SAWE PAPER 1452] p 602 A83-43734  
Noise in America Extent of the noise problem [PB82-219189] p 69 N83-11629  
An improved technique for altitude tracking of aircraft [AD-A118899] p 188 N83-13090  
Conflict monitoring analysis of parallel opposite direction routes, volume 1 [AD-A120080] p 148 N83-15279  
Turbine Engine Fault Detection and Isolation Program Volume 1 Turbine engine performance estimation methods [AD-A119998] p 167 N83-15311  
Computer program analysis of helicopter weight estimate relationships utilizing parametric equations [AD-A128590] p 608 N83-31600

### ESTIMATING

Estimation of helicopter and target motion for the advanced attack helicopter fire control system p 143 A83-18378  
Numerical and experimental investigation of the aerodynamics of double membrane sailing airfoil sections [VTH-LR-345] p 14 N83-11092  
Crab angle estimation with two dimensional cross correlations and centroids [AD-A122872] p 382 N83-23289

### EULER BUCKLING

Overall buckling of specially orthotropic Z-stiffened panels Part 1 Theory [VTH-LR-351-PT-1] p 69 N83-11526

### EULER EQUATIONS OF MOTION

Computation of vortex flow around wings using the Euler equations p 177 A83-14605  
A multigrid method for the Euler equations [AIAA PAPER 83-0124] p 131 A83-16537  
Three-dimensional Euler equation simulation of propeller wing interaction in transonic flow [AIAA PAPER 83-0236] p 132 A83-16603  
Flow simulations for general nacelle configurations using Euler equations [AIAA PAPER 83-0539] p 134 A83-16775  
Transonic wing-body calculations using Euler equations [AIAA PAPER 83-0501] p 135 A83-16828  
Three-dimensional Euler solutions for long-duct nacelles [AIAA PAPER 83-0089] p 136 A83-17905  
Finite-volume solutions to the Euler equations in transonic flow [AIAA PAPER 81-1265] p 136 A83-18405  
Solution of the Euler equations for complex configurations [AIAA PAPER 83-1929] p 503 A83-39381  
An implicit lambda scheme -- for transonic inviscid flow simulation p 660 A83-45581  
Pseudospectral calculation of shock turbulence interactions [NASA-CR-172133] p 491 N83-27952

### EUROPE

Air traffic flow management over Europe p 143 A83-17735

### EUROPEAN AIRBUS

The A310 - Even better than expected p 190 A83-14952  
Flight flutter testing with emphasis on the tip vane method [ONERA, TP NO 1982-109] p 152 A83-18435  
Trim Tank system for optimizing drag at the center of gravity [DGLR PAPER 82-030] p 284 A83-24156  
Selected topics in licensing Airbus A310 [DGLR PAPER 82-042] p 247 A83-24166  
Design and implementation of an active load alleviation system, taking into account the example of a modern transport aircraft [DGLR PAPER 82-045] p 284 A83-24170  
New displays for the next generation of civil aircraft - Airbus A 310 and A 300/600 color cathode tubes p 269 A83-24374  
Maintenance of large engines CF6s for the Airbus A310 p 391 A83-30073  
Astroplane - The Airbus proposal p 573 A83-40456  
Advanced material application on the European wide body transport aircraft Airbus [SAWE PAPER 1484] p 603 A83-43751  
Ten years of promoting the development of air transport research p 709 A83-47185  
Modern digital air-data computer p 734 A83-47186  
Experience from flight flutter testing with tip vanes on Airbus p 730 A83-49183

## SUBJECT INDEX

## SUBJECT INDEX

Active gust load alleviation and ride comfort improvement p 751 A83-49193  
Analyzing the role of closed loop systems for a subsonic aircraft with reduced longitudinal stability p 51 N83-10076  
Operational loads at nose and main landing gear of an airplane of type Airbus A 300 B2 during normal service of the German Lufthansa [BMFT-FB-W-82-010] p 33 N83-11120  
The half-model technique in the wind tunnel and its employment in the development of the airbus family [NASA-TM-76970] p 205 N83-16328  
Impact of ergonomic studies on the design of civil aircraft cockpits p 287 N83-20184  
Flight flutter testing with emphasis on the tip vane method p 628 N83-30381

**EUROPEAN SPACE PROGRAMS**  
Deutsche Forschungs- und Versuchsanstalt fuer Luft- und Raumfahrt, Annual Report 1981 --- Book p 241 A83-23850

**EUTECTIC ALLOYS**  
Ni-base MC-carbide reinforced eutectic alloys for jet engine application p 691 A83-44061

**EUTECTIC COMPOSITES**  
High-temperature composites - Status and future directions p 551 A83-40129

**EVACUATING (TRANSPORTATION)**  
An FAA analysis of aircraft emergency evacuation demonstrations [SAE PAPER 821486] p 507 A83-38005

**EVALUATION**  
Evaluation of technology assessments and development of evaluation protocols, project report [PB82-197393] p 224 N83-13027  
Airport and highway noise control, planning and analysis [PB83-153692] p 560 N83-28290

**EVAPORATION**  
Early experience in using the Cryogenic Test Facility at RAE Bedford, England p 465 N83-25726  
Spontaneous ignition characteristics of hydrocarbon fuel-air mixtures p 554 N83-29231

**EVAPORATION RATE**  
Further studies on the prediction of spray evaporation rates --- for aircraft fuels p 468 A83-35811

**EVAPORATIVE COOLING**  
Gas turbine compressor interstage cooling using methanol [ASME PAPER 83-GT-230] p 763 A83-48026

**EVAPORATORS**  
An experimental study of an annular film-evaporation combustion chamber in a low-power gas turbine engine p 273 A83-23443

**EVASIVE ACTIONS**  
The effects of non-linear kinematics in optimal evasion p 650 A83-40674  
Pursuit-evasion between two realistic aircraft [AIAA PAPER 83-2119] p 651 A83-41944  
The optimal evasive maneuver of a fighter against proportional navigation missiles [AIAA PAPER 83-2139] p 626 A83-41961  
Optimal feedback strategies for pursuit-evasion and interception in a plane [NASA-TM-84311] p 288 N83-18745

**EXCITATION**  
Multi point excitation ground resonance test facility at British Aerospace Warton [BAE-TN-5411] p 209 N83-13128  
Rotor vibration caused by external excitation and rub p 187 N83-15637

**EXHAUST DIFFUSERS**  
Design and development of a nozzle extendible exit cone [AIAA PAPER 83-1410] p 467 A83-36399

**EXHAUST EMISSION**  
Impacts of broadened-specification fuels on aircraft turbine engine combustors p 59 A83-10655  
Design of a low emission combustor for an automotive gas turbine [AIAA PAPER 83-0338] p 179 A83-16684  
Gas turbine combustor modelling for calculating pollutant emission p 212 A83-23142  
Radiation and smoke from the gas turbine combustor using heavy fuels p 294 A83-23877  
Fuel character effects on the TF41 engine combustion system p 391 A83-30190  
The effects of fuel properties upon pollutants present in gas turbine aero-engines p 469 A83-35813  
A JT8D low emissions combustor by radial zoning [AIAA PAPER 83-1324] p 455 A83-36339  
Development and operating characteristics of an advanced two-stage combustor p 535 A83-38022  
Procedure for the calculation of basic emission parameters for aircraft turbine engines [SAE AIR 1533] p 535 A83-38104

Investigation of fixed-rake sampling system for the assessment of emission characteristics of gas turbine engines [ASME PAPER 83-GT-72] p 738 A83-47925  
Emissions variability and traversing on production RB211 engines [ASME PAPER 83-GT-141] p 741 A83-47966  
Emissions from enclosed swirl stabilised premixed flames [ASME PAPER 83-GT-182] p 742 A83-47998  
Multifuel evaluation of rich/quench/lean combustor [NASA-TM-82986] p 69 N83-10559  
Investigation of a low NOx full-scale annular combustor [NASA-CR-165518] p 202 N83-13104  
Pilot-scale assessment of conventional particulate control technology for pressurized fluidized-bed combustion emissions [PB82-230921] p 220 N83-13673  
Effect of volatility on air-fuel ratio distribution and torque output of a carbureted light aircraft piston engine [FAA-CT-82-117] p 393 N83-23308  
Status, trends and implications of carbon fiber material use [PB83-147751] p 471 N83-26934  
An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications [AD-A125025] p 471 N83-27034  
Pollutant formation in monodisperse fuel spray combustion p 538 N83-29213  
Computations of emissions using a 3-D combustor program p 538 N83-29226  
Multi-fuel rotary engine for general aviation aircraft [NASA-TM-83429] p 539 N83-29235  
Broad specification fuels technology program, phase 1 [NASA-CR-168180] p 637 N83-30551

**EXHAUST FLOW SIMULATION**  
Scale model performance test investigation of mixed flow exhaust systems for an energy efficient engine /E3/ propulsion system [AIAA PAPER 83-0541] p 161 A83-16776

**EXHAUST GASES**  
The influence of equivalence ratio variation on pollutant formation in a gas turbine type combustor p 42 A83-13095  
Gaseous emissions of gas turbine combustors [AIAA PAPER 83-0242] p 160 A83-16608  
Thrust reverser exhaust plume reingestion tests for a STOL fighter model [AIAA PAPER 83-1229] p 452 A83-36293  
Experimental investigation of a model of the internal exhaust gas mixer configuration of a turbofan engine in the reverse-thrust mode p 614 A83-42146  
Water injection into compressors of gas turbines for power increase and reduction of NOx emission [BMFT-FB-T-82-075] p 233 N83-16765  
Air traffic control Its effect on fuel conservation p 202 N83-17464  
An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications [AD-A121228] p 215 N83-17549  
DOE wave-turbine-engine demonstration [DE82-018322] p 562 N83-28458  
Characteristics of a fluted nozzle gas ejector system --- gas turbine exhaust gas cooling systems [AD-A128065] p 702 N83-34241

**EXHAUST NOZZLES**  
Prediction of jet exhaust noise on airframe surfaces during low-speed flight p 188 A83-13160  
Internal performance prediction for advanced exhaust systems --- for tactical aircraft p 211 A83-22156  
A high speed wind tunnel test evaluation of STOL dedicated advanced exhaust nozzle concepts [AIAA PAPER 83-1225] p 421 A83-36292  
Results of tests of a rectangular vectored/reversing nozzle on an F100 engine [AIAA PAPER 83-1285] p 454 A83-36322  
A static investigation of yaw vectored concepts on two-dimensional convergent-divergent nozzles [AIAA PAPER 83-1288] p 421 A83-36324  
Three-dimensional compressible viscous analysis of mixer nozzles [AIAA PAPER 83-1401] p 422 A83-36391  
Definition of vectored nonaxisymmetric nozzle plumes --- for aircraft thrust vector control [AIAA PAPER 83-1290] p 423 A83-36924  
Advanced technology exhaust nozzle development [AIAA PAPER 83-1286] p 496 A83-38080  
Exhaust nozzle concepts for STOL tactical aircraft [AIAA PAPER 83-1226] p 523 A83-39102  
Vectored exhaust systems for STOL tactical aircraft [ASME PAPER 83-GT 212] p 744 A83-48013  
Performance of a forward swept wing fighter utilizing thrust vectoring [AIAA PAPER 83-2482] p 727 A83-48344

## EXTERNAL STORES

Conceptual design, evaluation and research identification for Remote Augmented Propulsive Lift Systems (RALS) with ejectors for VTOL aircraft [NASA-CR-167906] p 202 N83-13103  
Proceedings Ejector Workshop for Aerospace Applications [AD-A124264] p 395 N83-24510  
Thrust performance of a variable-geometry, divergent exhaust nozzle on a turbojet engine at altitude [NASA-TP-2171] p 459 N83-26839  
Noise suppressor for turbo fan jet engines [NASA-CASE-ARC-10812-1] p 685 N83-33884  
Propulsion and energetics panel working group 14 on suitable averaging techniques in nonuniform internal flows [AGARD-AR-182(ENG)] p 748 N83-34953

**EXHAUST SYSTEMS**  
Scale model performance test investigation of mixed flow exhaust systems for an energy efficient engine /E3/ propulsion system [AIAA PAPER 83-0541] p 161 A83-16776  
Design and development of a mixer compound exhaust system --- in aircraft turbofan engines p 274 A83-24029  
Sound propagation in segmented exhaust ducts - Theoretical predictions and comparison with measurements [AIAA PAPER 83-0734] p 366 A83-28016  
The integration of internal combustion engines of the General Aviation - Problems raised by ventilation and exhaust [AAAF PAPER NT 82-16] p 393 A83-33167  
Model test and full-scale checkout of dry-cooled jet runup sound suppressors p 753 A83-48217  
Computer program for calculation of turbojet system performance [AD-A120665] p 167 N83-15314  
Acoustical modal analysis of the pressure field in the tailpipe of a turbofan engine [NASA-TM-83387] p 412 N83-25499

**EXHAUSTING**  
Experimental gas-fired pulse-combustion studies [NASA-CR-172827] p 637 N83-30548

**EXISTENCE THEOREMS**  
Existence and uniqueness of shock-free transonic flow past symmetrical thin wings at zero incidence p 135 A83-17847

**EXPERIMENT DESIGN**  
Experiment control in problems of minimax estimation --- for aircraft longitudinal control p 69 A83-10455  
Aviation energy and the future of the recreational use of sport and general aviation aircraft p 352 N83-22444

**EXPERT SYSTEMS**  
An expert distributed robotics system with comprehension and learning abilities in the aircraft flight domain [AD-A127739] p 652 N83-32401

**EXPLOSION SUPPRESSION**  
The AH-64 nitrogen inerting unit p 263 A83-25895

**EXPLOSIVES**  
Electrical resistance testing of antistatic bench and floor surface material after laying p 548 N83-28007  
[AD A125423]  
Service life evaluation of rigid explosive transfer lines [NASA-TP-2143] p 608 N83-31596

**EXPOSURE**  
Noise in America Extent of the noise problem [PB82-219189] p 69 N83-11629

**EXTERNAL STORE SEPARATION**  
A new approach to weapon separation aerodynamics p 177 A83-13164  
Advances in methods for predicting store aerodynamic characteristics in proximity to an aircraft [AIAA PAPER 83-0266] p 133 A83-16622  
Computer prediction of store aerodynamic loading during separation [AD-A124693] p 378 N83-24483

**EXTERNAL STORES**  
Development of analytical and experimental techniques for determining store airload distributions p 8 A83-13077  
Improvement of a captive trajectory system by using optical distance sensors --- store separation from aircraft [ONERA, TP NO 1983-115] p 753 A83-49426  
Technical evaluation Report The Specialists' Meeting on Dynamic Environmental Qualification Techniques [AD-A121979] p 31 N83-10039  
Effect of external stores on the stability and control characteristics of a delta wing fighter model at Mach numbers from 0.60 to 2.01 [NASA-TM-84596] p 194 N83-17508  
Development and flight test of an active flutter suppression system for the F-4F with stores Part 1 Design of the active flutter suppression system [AD-A121485] p 288 N83-18746

## EXTERNAL SURFACE CURRENTS

## SUBJECT INDEX

Recent Transonic Flutter Investigation for Wings and External Stores  
[AD-A128162] p 345 N83-22215  
A Canadian approach to flutter clearance for external stores p 345 N83-22216  
Correlation problems between flutter flight test data and ground tests/calculation results for a variable sweep wing aircraft p 628 N83-30379  
Vibration analysis of a helicopter plus an externally-attached structure p 607 N83-30769  
Fundamental investigation of jet engine ignition of fuel sprays and its application p 693 N83-32734  
Aeroelastic stability of a forward swept wing with wing tip stores  
[AD-A125457] p 678 N83-32797

### EXTERNAL SURFACE CURRENTS

Laboratory and in flight passive dischargers characterization --- for elimination of electrostatic radiation interference  
[ONERA, TP NO 1983-54] p 719 A83-48176

### EXTERNAL TANKS

Application of composites and computer graphics in the design of the MH-53E fuel sponson  
[AIAA PAPER 83-2441] p 726 A83-48329

### EXTERNALLY BLOWN FLAPS

Augmentation of fighter aircraft lift and STOL capability by blowing outboard from the wing tips  
[AIAA PAPER 83-0078] p 130 A83-16507  
Circulation controlled STOL wing optimization  
[AIAA PAPER 83-0082] p 130 A83-16509  
Aerodynamic characteristics of a circulation controlled elliptical airfoil with blown jets  
[AIAA PAPER 83-1794] p 497 A83-38633

### EXTRACTION

Wind tunnel investigation of cargo extraction parachutes in the wake of a Lockheed C-141B Starliner aircraft  
[AD-A124523] p 425 N83-25675

### EXTRAPOLATION

Subsonic panel method for designing wing surfaces from pressure distribution  
[NASA-CR-3713] p 528 N83-29198

### EXTRUDING

Investigation of the fatigue and crack propagation properties of X7091-T7E69 extrusion  
p 550 A83-37836

## F

### F-104 AIRCRAFT

F-104 CCV research flight test program p 215 A83-20074  
Analysis of the precision of inertial navigation systems --- German thesis p 321 A83-28649  
A unique flight test facility Description and results [NASA-TM-84900] p 208 N83-13124  
Flight test experience with a digital integrated guidance and control system in a CCV fighter aircraft p 343 N83-22110

### F-106 AIRCRAFT

Laboratory modeling and analysis of aircraft-lightning interactions  
[NASA-CR-169455] p 15 N83-10023  
Interpretation methodology and analysis of in-flight lightning data  
[NASA-CR-3590] p 69 N83-11661  
Airport Surface Detection Equipment (ASDE)-3 improvements test and evaluation  
[DOT/FAA/RD-82/23] p 187 N83-12063  
F-106 tow system (IOT&E)  
[AD-A118527] p 193 N83-12074  
Lightning attachment patterns and flight conditions for storm hazards, 1980  
[NASA-TP-2087] p 139 N83-14077  
Some results and limitations of Prony analysis of in-flight lightning data p 646 N83-31178  
NASA F-106B lightning ground tests p 586 N83-31195

### F-111 AIRCRAFT

ATE support of RF line replaceable units p 53 A83-10732  
Vibration isolation system development for the FB-111 tail pod electronics p 150 A83-16932  
From new technology development to operational usefulness B-36, B-58, F-111/FB-111  
[AIAA PAPER 83-1046] p 415 A83-36459  
AFTI/F-111 mission adaptive wing technology demonstration program  
[AIAA PAPER 83-1057] p 438 A83-36468  
An integrated maneuver enhancement and gust alleviation mode for the AFTI/F-111 MAW aircraft  
[AIAA PAPER 83-2217] p 620 A83-41699  
Advanced Ultra-Violet (UV) aircraft fire detection system Volume 1. System description and flight test  
[AD-A121253] p 198 N83-17526

Determination of the dynamic environment of the F/FB-111 tail pod assembly p 606 N83-30716

### F-14 AIRCRAFT

PETTS /Programmable Engine Trim Test Set/ p 54 A83-10752  
Tomorrow's Tomcat p 189 A83-14324  
Serviceability evaluation of advanced composite F-14A main-landing-gear-strut doors and overwing fairings p 185 A83-20480  
Integrated propulsion-aircraft control evaluation for a current Navy fighter  
[AIAA PAPER 83-1236] p 453 A83-36299  
F-14 aircraft and propulsion control integration evaluation  
[ASME PAPER 83-GT-234] p 744 A83-48029  
Pilot ability to understand synthetic voice and radio voice when received simultaneously  
[AD-A119137] p 219 N83-13338  
A study of alternative aircraft for installation of the Navy standard low target system  
[AD-A120882] p 267 N83-19742  
F-14 rotary balance tests for an angle-of-attack range of 0 deg to 90 deg  
[AD-A124468] p 441 N83-25700  
Performance of the Sandia lightning simulator during F-14A and F/A-18 aircraft lightning tests p 587 N83-31220

### F-15 AIRCRAFT

Integrated flight and fire control development and flight test on an F-15B aircraft p 20 A83-11160  
USAF studies fighters for dual-role, all-weather operations p 151 A83-17276  
Digital electronic engine control system - F-15 flight test p 162 A83-18406  
Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane  
[AIAA PAPER 83-0537] p 163 A83-19593  
Integrated systems evaluated on F-15 p 322 A83-28700  
US fighter options p 526 A83-40665  
Flight evaluation of an engine static pressure noseprobe in an F-15 airplane  
[NASA-CR-163109] p 214 N83-17546  
High-angle-of-attack stability characteristics of a 3-surface fighter configuration  
[NASA-TM-84584] p 288 N83-19757  
Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane  
[NASA-TM-83088] p 339 N83-22201  
Airstart performance of a digital electronic engine control system in an F-15 airplane  
[NASA-TM-84908] p 339 N83-22203  
Aeronautical structures technology study Annotated briefing report  
[AD-A123064] p 389 N83-23300

### F-16 AIRCRAFT

F 16 voice message system study p 19 A83-11121  
Design of direct digital adaptive flight-mode control systems for high-performance aircraft p 46 A83-11179  
Advanced fighter technology integrator /AFTI/ F-16 display mechanization p 196 A83-16132  
Qualification of the flight-critical AFTI/F-16 digital flight control system -- Advanced Fighter Technology Integration  
[AIAA PAPER 83-0060] p 167 A83-16492  
Estimating roll coupling instability for highly augmented aircraft  
[AIAA PAPER 83-0366] p 169 A83-16673  
USAF studies fighters for dual-role, all-weather operations p 151 A83-17276  
The General Dynamics F-16 XL fighter aircraft p 153 A83-19411  
Technology and modern fighter aircraft - The evolutionary F-16 p 203 A83-20598  
F-16 pulse Doppler radar /AN/APG-66/ performance p 200 A83-22737  
Environmental control of an aircraft pod mounted electronics system  
[SAE PAPER 820869] p 263 A83-25768  
AFTI/F-16 aeroservoelastic analyses and ground test with a digital flight control system  
[AIAA 83-0994] p 341 A83-29888  
The F-16 - A technology demonstrator, a prototype, and a flight demonstrator  
[AIAA PAPER 83-1063] p 438 A83-36467  
AFTI/F-16 technology demonstrator  
[AIAA PAPER 83-1059] p 439 A83-36474  
Super integrated power unit (SIPU) for the F-16 engine start system p 534 A83-37996  
Application of forward sweep wings to an air combat fighter  
[AIAA PAPER 83-1833] p 520 A83-38662  
F-16XL - GD hatches a new Falcon p 526 A83-40621

US fighter options p 526 A83-40665  
MIMO controller design for longitudinal decoupled aircraft motion -- Multi-Input/Multi-Output  
[AIAA PAPER 83-2274] p 623 A83-41740  
F 16XL shows advances in range, ride p 676 A83-46924  
Emergency power for the F-16 aircraft  
[ASME PAPER 83-GT-189] p 742 A83-47995  
Real-time data display for AFTI/F-16 flight testing  
[NASA-TM-84899] p 198 N83-13095  
An analysis of the F-16 aircraft requirements generation process and its adverse impact on contractor rate capacity  
[AD-A123003] p 373 N83-23272  
Aeronautical structures technology study Annotated briefing report  
[AD-A123064] p 389 N83-23300  
Operational and maintenance aspects of the introduction of an advanced fighter type p 491 N83-29250  
Bail out simulation of an F-16 ejection seat by means of a blast simulator  
[PML-1982-7] p 585 N83-30398

### F-17 AIRCRAFT

Active control of near frequency coalescence flutter p 750 A83-49191

### F-18 AIRCRAFT

Four-channel multiplexed resolver-to-digital converter p 34 A83-11100  
Software configuration control in a real-time flight test environment p 29 A83-11144  
A survey of avionics software support environments p 70 A83-11163  
F-18 Hornet high angle of attack /AOA/ program p 47 A83-11809  
Wind tunnel correlation study of aerodynamic modeling for F/A-18 wing-store tip-missile flutter  
[AIAA 83-1028] p 331 A83-29877  
Principal site testing of the F/A-18 at the Naval Air Test Center p 387 A83-32935  
Flight fidelity testing of the F/A-18 simulators  
[AIAA PAPER 83-1094] p 437 A83-36225  
F/A-18A Inflight Engine Condition Monitoring System (IECMS) p 453 A83-36300  
[AIAA PAPER 83-1237] p 453 A83-36300  
Thrust reverser effects on the tail surface aerodynamics of an F-18 type configuration  
[AIAA PAPER 83-1860] p 500 A83-38687  
F/A-18 inlet/engine compatibility flight test results p 594 A83-41039  
Integrated flight control systems development - The F/A-18A Automatic Carrier Landing System  
[AIAA PAPER 83-2162] p 623 A83-41765  
F/A-18 high angle of attack departure resistant criteria for control law development  
[AIAA PAPER 83-2126] p 626 A83-41950  
Investigation of F/A-18A engine throttle usage and parametric sensitivities  
[ASME PAPER 83-GT-64] p 738 A83-47919  
Subsonic/supersonic aeropropulsive characteristics of nonaxisymmetric nozzles installed on an F-18 model p 744 A83-48215  
A study of alternative aircraft for installation of the Navy standard low target system p 267 N83-19742  
F/A-18 software development A case study p 364 A83-22145  
Performance of the Sandia lightning simulator during F-14A and F/A-18 aircraft lightning tests p 587 N83-31220

### F-28 TRANSPORT AIRCRAFT

The Fokker F28 and a four-engined newcomer p 204 A83-21349  
In-flight acoustic measurements in the engine intake of a Fokker F28 aircraft  
[AIAA PAPER 83-0677] p 279 A83-25909

### F-4F AIRCRAFT

F-4F fire control system software support - An integrated approach to ground and flight testing p 56 A83-11228  
Application of vector performance optimization to a robust control loop design for a fighter aircraft p 215 A83-21160  
Accelerated Mission Testing of the F110 Engine  
[AIAA PAPER 83-1235] p 453 A83-36298  
F/RF-4 transparency baseline bird impact test program p 598 A83-42533  
Scheduled depot maintenance of naval aircraft How often?  
[AIAA PAPER 83-2517] p 711 A83-48361  
The F-4 flutter suppression program p 730 A83-49192  
Development and flight test of an active flutter suppression system for the F-4F with stores Part 1 Design of the active flutter suppression system  
[AD A121485] p 288 N83-18746



## SUBJECT INDEX

- Aeronautical structures technology study Annotated briefing report [AD-A123084] p 389 N83-23300
- F-5 AIRCRAFT**
- The Northrop F-20 avionics mission simulator [AIAA PAPER 83-0142] p 171 A83-16551
- Design and development of the RF-5E aircraft p 327 A83-28015
- The F-5 story - Prototype and technology demonstrator [AIAA PAPER 83-1062] p 439 A83-36473
- F-6 AIRCRAFT**
- Implicit adaptive control for a class of MIMO systems --- with application to lateral dynamics of F-8 aircraft p 169 A83-19031
- Model reference adaptive control in the presence of measurement noise p 568 A83-37128
- Flight-test results using nonlinear control with the F-8C digital fly-by-wire aircraft [AIAA PAPER 83-2174] p 619 A83-41669
- NASA/RAE collaboration on nonlinear control using the F-8C digital fly-by-wire aircraft [NASA-TM-84296] p 398 A83-23316
- FABRICATION**
- Fabrication and heat treatment of a Ni-base superalloy integrally bladed rotor for small gas turbine engine applications p 177 A83-19102
- Fabrication technology for aircraft engines --- Russian book p 185 A83-20381
- Developments in the design, analysis, and fabrication of advanced technology transmission elements p 298 A83-24832
- Design, fabrication, and qualification of composite carbon/epoxy horizontal stabilizer components p 575 A83-42546
- Method of construction and fabrication procedures for the A300-rudder unit, using a carbon-fiber type of construction p 710 A83-47211
- Progress in net shape fabrication of alpha SiC turbine components [ASME PAPER 83-GT-238] p 763 A83-48030
- Fabrication of complex shaped ceramic articles by slip casting and injection molding p 763 A83-48308
- Engineering and fabrication cost considerations for cryogenic wind tunnel models p 291 A83-18758
- JT90 thermal barrier coated vanes p 536 A83-27993
- Fabrication and evaluation of brazed titanium-clad borisic/aluminum skin-stinger panels [NASA-TP-1674] p 552 A83-28098
- Composite hybrid flywheel rotor design optimization and fabrication p 553 A83-28620
- FACTOR ANALYSIS**
- Airframe RDT&E cost estimating A justification for and development of unique cost estimating relationships according to aircraft type [AD-A123848] p 417 A83-25656
- FACTORIAL DESIGN**
- Effect of lead-aircraft ground-speed on self-spacing performance using a cockpit display of traffic information [NASA-TP-2194] p 736 A83-36028
- FAIL-SAFE SYSTEMS**
- Design of an aircraft ice detector using microcomputer electronics to enhance system availability p 34 A83-11097
- The reliability analysis of a dual, physically separated, communicating IMU system p 20 A83-11128
- Fail-safe optimal design of complex structures with substructures p 212 A83-13490
- Generic faults and architecture design considerations in flight-critical systems p 262 A83-24426
- Restructurable controls for aircraft [AIAA PAPER 83-2255] p 622 A83-41728
- Undetectable critical defects in safety-of-flight structure p 641 A83-42544
- Fail-operational DAFCs for business/commuter aircraft --- Digital Automatic Flight Control System [SAE PAPER 830714] p 626 A83-43324
- Autonomy in military aircraft [AAS PAPER 83-041] p 691 A83-44168
- Damage tolerant design using collapse techniques p 695 A83-45591
- Advanced flight control system study [NASA-CR-163117] p 205 A83-13113
- Fatigue threshold and short crack significance for aircraft [NLR-MP-82007-U] p 234 A83-17902
- A functionally reliable avionics systems p 272 A83-20196
- An observer approach to the identification and isolation of sensor failures in flight control systems [ESA-TT-738] p 546 A83-28001
- On the fail-safe characteristics of stiffened panels [DFVLR-FB-83-08] p 562 A83-28501

## FAILURE

- Usage of the SYSCAP II circuit analysis program to determine semiconductor failure threshold levels caused by lightning/EMP transients p 647 A83-31215
- An SEM analysis of bearing failure due to electrical arcing [AD-A127827] p 648 A83-32071
- FAILURE ANALYSIS**
- Investigation of network tree technology as a tool for developing effective fault isolation procedures p 63 A83-11231
- Characterization of NDE reliability p 214 A83-15211
- Engineering safety analysis via destructive numerical experiments p 215 A83-16198
- Fault Detection/Location System for intermediate and tail rotor gearboxes p 299 A83-24835
- Design, materials selection and failure analysis p 295 A83-25325
- The influence of defects on the operational strength of disks and wheels in engines p 472 A83-33964
- A fault tolerant approach to state estimation and failure detection in nonlinear systems p 568 A83-37121
- Secondary loading of I-spar caps due to shear deformation of the web p 559 A83-39991
- Diagnostics of the conditions of gas-turbine engines using models reflecting the dynamics of changes in the controlled parameters p 614 A83-42133
- Observation of damage growth in compressively loaded laminates p 692 A83-46810
- Avionics fault tree analyzer [AIAA PAPER 83-2452] p 723 A83-48335
- Tribology p 215 A83-12187
- Ferrographic and spectrometer oil analysis from a failed gas turbine engine [NASA-TM-82956] p 218 A83-12433
- Flutter substantiation tests on a Transavia PL-12/T-300 Airtuk [AD-A118895] p 170 A83-14134
- A failure diagnosis methodology --- jet aircraft engines p 304 A83-20232
- Failure Modes, Effects and Criticality Analysis (FMECA) of type AN/GRN-27 (V) instrument landing system with traveling-wave localizer antenna [DOT/FAA/PM-83/18] p 382 A83-24492
- Flight systems safety program [DE82-021833] p 413 A83-25529
- Analysis of F-16 radar discrepancies [AD-A124749] p 476 A83-25948
- Rotor fragment protection program Statistics on aircraft gas turbine engine rotor failures that occurred in US commercial aviation during 1979 [NASA-CR-168163] p 539 A83-29234
- Study of an automatic trajectory following control system [NASA-CR-166121] p 547 A83-29271
- NDI of fibre reinforced composite materials p 636 A83-30534
- Aircraft applications p 636 A83-30536
- Flight-systems safety program [DE83-001916] p 653 A83-32575
- Sensor failure detection for jet engines [NASA-CR-168190] p 699 A83-33182
- Restructurable controls problem definition and future research p 688 A83-33899
- Failure Analysis and Mechanisms of Failure of Fibrous Composite Structures [NASA-CP-2278] p 693 A83-33957
- Commercial transport aircraft composite structures p 693 A83-33958
- Analytic redundancy management for flight control sensors p 751 A83-34900
- FAILURE MODES**
- Studies of damage involving aircraft components --- accident-causing metallic component fractures p 317 A83-29371
- Development of simulated mission endurance test acceleration factors in determining engine component serviceability and failure mode criticality [AIAA PAPER 83-1409] p 457 A83-36398
- Restructurable controls for aircraft [AIAA PAPER 83-2255] p 622 A83-41728
- Application of an analytical method to the elaboration of a maintenance program for a new aircraft p 242 A83-20227
- Failure Modes, Effects and Criticality Analysis (FMECA) of type AN/GRN-27 (V) instrument landing system with traveling-wave localizer antenna [DOT/FAA/PM-83/18] p 382 A83-24492
- Damage tolerance of fibre composite laminates p 636 A83-30533
- Demonstration Advanced Avionics System (DAAS), phase 1 [NASA-CR-166503] p 612 A83-31602
- Failure mechanisms p 693 A83-33962
- Fatigue behavior of adhesively bonded joints [NASA-CR-174458] p 766 A83-36509

## FAR FIELDS

### FAIRINGS

- Serviceability evaluation of advanced composite F-14A main-landing-gear-strut doors and overwing fairings p 185 A83-20480
- Hybrid composite application to the Boeing 767 wing/body fairing p 525 A83-40244
- Slack wire strike protection concepts [AD-A118827] p 184 A83-12056
- A NASTRAN model of a large flexible swing-wing bomber Volume 5 NASTRAN model development-fairing structure [NASA-CR-170392-VOL-5] p 154 A83-14111
- FAN BLADES**
- Turbofan engine blade pressure and acoustic radiation at simulated forward speed p 274 A83-24026
- Fluctuating pressure measurements on the fan blades of a turbofan engine during ground and flight tests [AIAA PAPER 83-0678] p 279 A83-25911
- Interaction of fan rotor flow with downstream struts [AIAA PAPER 83-0682] p 279 A83-25912
- Zero-length inlets for subsonic V/STOL aircraft p 312 A83-29012
- Structural tailoring of engine blades (STAEBL) [AIAA 83-0828] p 338 A83-29737
- Dynamic characteristics of the 40-by-80-/80-by-120-foot wind tunnel drive fan blades [AIAA 83-0918] p 346 A83-29846
- Analytical and experimental investigation of bird impact on fan and compressor blading [AIAA 83-0954] p 338 A83-29856
- Method of calculating optimum angular blade pitches in fan with unequally pitched blades p 375 A83-33090
- Containment of turbine engine fan blades p 449 A83-35871
- Blade loss transient dynamic analysis of turbomachinery p 612 A83-40864
- Aerodynamic performance of a fan stage utilizing variable inlet guide vanes (VIGVs) for thrust modulation --- subsonic V/STOL aircraft [AIAA PAPER 83-1162] p 680 A83-45508
- The impact of three-dimensional analysis on fan design --- for turbine engines [ASME PAPER 83-GT-136] p 740 A83-47963
- Wind tunnel tests of a zero length, slotted-tip engine air inlet for a fixed nacelle V/STOL aircraft [NASA-TM-82939] p 9 A83-10019
- Blade pressure measurements p 216 A83-12275
- Recent results about fan noise Its generation, radiation and suppression [NASA-TM-83002] p 224 A83-13939
- Response sensitivity of typical aircraft jet engine fan blade-like structures to bird impacts [AD-A119974] p 166 A83-15310
- Energy efficient engine Fan test hardware detailed design report [NASA-CR-165148] p 212 A83-16341
- Materials screening tests of the FOD impact design technology program, task 4C --- fan and compressor blades for aircraft engines [AD-A119839] p 225 A83-16401
- Material characterization Part B Mechanical properties of 2 metal matrix composite materials [AD-A119829] p 225 A83-16402
- Aircraft turbofan noise [NASA-TM-83317] p 239 A83-18405
- Aerodynamic performance of a fan stage utilizing Variable Inlet Guide Vanes (VIGVs) for thrust modulation --- subsonic V/STOL aircraft [NASA-TM-83438] p 504 A83-27957
- Incidence loss for fan turbine rotor blade in two-dimensional cascade [NASA-TP-2188] p 617 A83-30431
- Structural element and real blade impact testing, volume 1 [AD-A127744] p 618 A83-31606
- FAR FIELDS**
- The far field of an airfoil p 7 A83-10573
- Near and far field airborne antenna pattern analysis p 143 A83-18845
- Farfield inflight measurements of high-speed turboprop noise [AIAA PAPER 83-0745] p 280 A83-25947
- USAF bioenvironmental noise data handbook Volume 172 Hush-noise suppressor (Aero Systems Engineering, Incorporated) far-field noise [AD-A118773] p 223 A83-12973
- Instrument landing system localizer vector far field monitor development [FAA-RD-82-62] p 188 A83-13087
- Comparison of forward flight effects theory of A Michalke and U. Michel with measured data [NASA-CR-3685] p 238 A83-17239
- Computer program to predict noise of general aviation aircraft: User's guide [NASA-CR-168050] p 238 A83-17242

Aircraft turbofan noise  
[NASA-TM-83317] p 239 N83-18405

**FAST FOURIER TRANSFORMATIONS**

Numerical treatment of Doppler radar signals --- airport radar, video data  
[ENST-E-82014] p 478 N83-27114

**FASTENERS**

Multisegment eddy current probe p 214 A83-15191  
NDE of fastener hole cracks by the electric current perturbation method p 214 A83-15192  
Statistical crack propagation in fastener holes under spectrum loading  
[AIAA 83-0808] p 356 A83-29808  
Design of algorithms to extract data from capacitance sensors to measure fastener hole profiles p 639 A83-41026  
Detection of cracks under installed fasteners in aircraft structures p 697 A83-46769  
Technical and secretariat support of the MIL-STD-1515 fastener standardization effort  
[AD-A119828] p 232 N83-16760  
The lightning spark barrier p 647 N83-31241  
Use of small crack data to bring about and quantify improvements to aircraft structural integrity p 680 N83-34099

**FATIGUE (MATERIALS)**

Characterization of NDE reliability p 214 A83-15211  
Large-amplitude multimode response of clamped rectangular panels to acoustic excitation  
[AIAA 83-1033] p 358 A83-29879  
A users manual for a detailed level fatigue crack growth analysis computer code Volume 1 The CRKGRO program  
[AD-A118968] p 184 N83-14530  
Fatigue threshold and short crack significance for aircraft p 234 N83-17902  
Physical properties data compilations relevant to energy storage Part 5 Mechanical properties data on alloys for use in flywheels  
[PB82-232919] p 296 N83-18904  
Large-bore tapered-roller bearing performance and endurance to 2.4 million DN p 303 N83-20134  
The effect of sheet thickness and laminating on the fatigue resistance of the aluminum alloy AL 7010 - T 73651  
[NLR-TR-81056-U] p 403 N83-23421  
Environmental effects and durability p 636 N83-30532  
Repair of graphite/epoxy composites p 636 N83-30535  
Design technology of advanced composites  
[AD-A127892] p 638 N83-31735  
An SEM analysis of bearing failure due to electrical arcing  
[AD-A127827] p 648 N83-32071  
Mechanics and physics of the growth of small cracks p 700 N83-34096  
Evaluation of inelastic constitutive models for nonlinear structural analysis p 703 N83-34357  
Review of investigations of aeronautical fatigue in the Federal Republic of Germany  
[LBF-S-166] p 703 N83-34387  
Advisory circular Certification of transport category rotorcraft  
[FAA-AC-29-2] p 721 N83-36011  
Fatigue behavior of adhesively bonded joints  
[NASA-CR-174458] p 766 N83-36509

**FATIGUE LIFE**

Cumulative damage and life-estimations in fatigue p 64 A83-12660  
Prediction capability and improvements of the numerical notch analysis for fatigue loaded aircraft and automotive components p 213 A83-13907  
Fatigue life evaluation of the A-7E arresting gear hook shank p 175 A83-13912  
Application of fatigue-strength analysis to the evaluation of the consequences of local damage and the effects of wing-shell repairs III - An example of the application of fatigue-strength analysis using a specific fatigue wear p 213 A83-14620  
Fatigue sensitivity of composite structure for fighter aircraft p 152 A83-18402  
The analysis of operational stresses --- on aircraft during flight p 181 A83-18596  
Fatigue and creep considerations in the design of turbine components p 230 A83-21461  
Fatigue failure under fretting conditions p 224 A83-21481  
Adhesive stress-strain properties relative to fatigue life of titanium bonded to graphite reinforced plastic p 294 A83-23616  
Turbine blade nonlinear structural and life analysis p 337 A83-29024  
Improved damage-tolerance analysis methodology  
[AIAA 83-0863] p 355 A83-29751

Improved fatigue life tracking procedures for Navy aircraft structures  
[AIAA 83-0805] p 334 A83-29807

Experimental verification of properties of S-N fatigue life gages for the purpose of a use of the gages as indicators of the relative severity of operating conditions p 398 A83-30514

The residual strength of prefabricated structures made of pressed panels of D16chT alloy and its modifications p 406 A83-32075

The fatigue strength of compressor disks p 406 A83-32387

Residual life prediction for jet engine rotor disks at elevated temperature p 472 A83-33974

On improving the fatigue performance of a double-shear lap joint p 473 A83-34744

Life estimation methods of gas turbine rotating components p 449 A83-35870

Investigation methods on residual stresses in aero engines components p 449 A83-35879

Life prediction for turbine engine components p 474 A83-36174

In-flight computation of helicopter transmission fatigue life expenditure p 439 A83-36921

A model for determining the reliability of an aircraft wing structure p 557 A83-37638

Titanium fan disc Structural Life Prediction/Correlation program  
[SAE PAPER 821437] p 557 A83-37985

A unified approach to turbine blade life prediction  
[SAE PAPER 821439] p 533 A83-37987

Fatigue of composite bolted joints under dual load levels p 559 A83-40158

Strength tests of CFRP joint assembly models for tailplane structure p 559 A83-40159

The comparison of the results of service-spectrum tests with the help of the relative Miner rule --- fatigue life analysis of aircraft structures p 559 A83-40471

A crack growth fatigue life under spectrum loading p 643 A83-43692

Advanced Materials Technology  
[NASA-CP-2251] p 210 N83-12147

Operational loads measurement and evaluation  
[AD-A122163] p 153 N83-14104

Revised Structural Technology Evaluation Program (STEP) user's manual for structural synthesis  
[AD-A118964] p 184 N83-14532

Rolling-element fatigue life of AMS 5900 balls  
[NASA-TP-2080] p 232 N83-16758

Bearing fatigue investigation 3  
[NASA-CR-168029] p 233 N83-17880

Creep and fatigue interactions in a nickel base superalloy  
[NLR-MP-82003-U] p 234 N83-17903

Statistical review of counting accelerometer data for Navy and Manne fleet aircraft  
[AD-A121989] p 267 N83-19744

Throttle handling related to J85 engine performance and durability Canadian forces experience p 541 N83-29249

The F-4C/D life extension program  
[AD-A127495] p 577 N83-31569

The biparametric cycle count method and the principle of simplification p 698 N83-32730

The analysis of load-time histories by means of counting methods --- helicopter performance prediction  
[NLR-MP-82039-U] p 679 N83-32799

Review of investigations of aeronautical fatigue in the Federal Republic of Germany  
[LBF-S-166] p 703 N83-34387

**FATIGUE TESTING MACHINES**

Acoustic-emission monitoring of steam turbines  
[DE82-904663] p 73 N83-10887

The F-4C/D life extension program  
[AD-A127495] p 577 N83-31569

Review of investigations of aeronautical fatigue in the Federal Republic of Germany  
[LBF-S-166] p 703 N83-34387

**FATIGUE TESTS**

Water-displacing organic corrosion inhibitors - Their effect on the fatigue characteristics of aluminum alloy bolted joints p 59 A83-12014

Application of fatigue-strength analysis to the evaluation of the consequences of local damage and the effects of wing-shell repairs III - An example of the application of fatigue-strength analysis using a specific fatigue wear p 213 A83-14620

The simulation of fatigue loads in aeronautics p 219 A83-23241

On the effect of residual stresses on crack growth from a hole  
[AIAA 83-0840] p 355 A83-29747

The effect of acoustic-thermal environments on advanced composite fuselage panels  
[AIAA 83-0955] p 357 A83-29857

Acoustic fatigue test evaluation of adhesively bonded aluminum fuselage panels using FM 73/BR 127 adhesive/primer system  
[AIAA 83-0999] p 358 A83-29874

Comparison of properties of joints prepared by ultrasonic welding and other means p 406 A83-32586

Evaluation of the effect of voids in composite main rotor blades p 472 A83-33507

Canadian forces tracker aircraft full-scale fatigue test at the National Aeronautical Establishment p 433 A83-33548

On improving the fatigue performance of a double-shear lap joint p 473 A83-34744

Evaluation of the effect of voids in composite main rotor blades p 435 A83-35950

Evaluation of the efficiency of the diamond burnishing of gas-turbine-engine parts p 558 A83-39511

Strength tests of CFRP joint assembly models for tailplane structure p 559 A83-40159

Effect of defect on the behaviour of composites p 551 A83-40215

Fatigue crack initiation and propagation in several nickel-base superalloys at 650 C p 634 A83-41199

Estimation of the thermal fatigue strength of the blades of full-scale gas-turbine engines p 613 A83-41596

The strength of GTE structural elements under low-cycle loading p 615 A83-42877

Consideration on the fatigue damage of specimens used for composite critical components qualification p 697 A83-46307

The influence of water-displacing organic corrosion inhibitors on the fatigue behaviour of 2024-T3 alclad aluminum alloy bolted joints p 61 N83-11281

[ARL-STRUC-REPORT-390] p 61 N83-11281

Flight service evaluation of composite helicopter components p 192 N83-12071

[NASA-CR-165952] p 192 N83-12071

Rolling-element fatigue life of AMS 5900 balls  
[NASA-TP-2080] p 232 N83-16758

Properties of thick sheets of 2124 T351 alloy  
[SNIAS-822 111-109] p 404 N83-23423

On the fail-safe characteristics of stiffened panels  
[DFVLR-FB-83-08] p 562 N83-28501

Rotor testing in FY 1982 p 562 N83-28622

Graphite/Larc-160 technology demonstration segment test results p 637 N83-30539

Sonic fatigue testing of the NASA L-1011 composite aileron p 607 N83-30796

Review of investigations of aeronautical fatigue in the Federal Republic of Germany  
[LBF-S-166] p 703 N83-34387

**FATTY ACIDS**

The effect of products based on higher fatty acids on the performance characteristics of jet fuels p 468 A83-34500

**FAULT TOLERANCE**

Economic modeling of fault tolerant flight control systems in commercial applications p 46 A83-11156

The software-implemented fault tolerance /SIFT/ approach to fault tolerant computing p 235 A83-22825

Genetic faults and architecture design considerations in flight-critical systems p 262 A83-24426

Fault isolation methodology for the L 1011 digital avionics flight control system p 285 A83-24427

Fault/maneuver tolerance of aided GPS demodulation/navigation processors in the non-precision approach environment p 323 A83-28787

A fault tolerant approach to state estimation and failure detection in nonlinear systems p 568 A83-37121

Full Authority Fault Tolerant Electronic Engine Control systems for advanced high performance engines (FAFTEEC) p 532 A83-37972

[SAE PAPER 821398] p 532 A83-37972

Restructurable controls for aircraft  
[AIAA PAPER 83-2255] p 622 A83-41728

A generalized stage-state method for centralized fault-tolerant flight control system p 650 A83-41759

[AIAA PAPER 83-2301] p 650 A83-41759

New results in fault latency modelling  
[AIAA PAPER 83-2303] p 650 A83-41760

Interactive reductions in the number of states in Markov reliability analysis p 650 A83-41761

[AIAA PAPER 83-2304] p 650 A83-41761

Undetectable critical defects in safety-of-flight structure p 641 A83-42544

The purpose, the principles and the problems of fault tolerant systems --- for aircraft gas turbine engines  
[ASME PAPER 83-GT-59] p 738 A83-47915

A new approach to fault-tolerant helicopter swashplate control p 750 A83-48345

Demonstration of an acceptable safety level for digital equipment on board civil transport aircraft p 251 N83-20188

## SUBJECT INDEX

Full-authority fault-tolerant electronic engine control system for variable cycle engines  
[AD-A121746] p 359 N83-21357

Demonstration Advanced Avionics System (DAAS) Phase 1 report  
[NASA-CR-170317] p 391 N83-24504

### FAULT TREES

Avionics fault tree analyzer  
[AIAA PAPER 83-2452] p 723 A83-48335

Integrated assurance assessment of a reconfigurable digital flight control system  
[NASA-CR-170281] p 397 N83-24515

Correction and improvement of CARE 3 Version 3  
[NASA-CR-166122] p 705 N83-34591

### FAULTS

Turbine Engine Fault Detection and Isolation Program Volume 2 Maintenance model development  
[AD-A119999] p 167 N83-15312

### FEASIBILITY ANALYSIS

Advanced Civil Military Aircraft - Technical feasibility assessment  
[AIAA PAPER 83-1592] p 379 A83-33359

Feasibility of dry lubrication for limited-duty gas turbine engines  
[AIAA PAPER 83-1130] p 475 A83-36405

Feasibility test of an airborne pulse-Doppler meteorological radar  
p 566 A83-39872

Application of thermochemical modeling to aircraft interior polymeric materials  
[NASA-CR-169384] p 211 N83-12237

Development of closed loop roll control for magnetic balance systems  
[NASA-CR-166017] p 208 N83-13122

Feasibility of water injection into the turbine coolant to permit gas turbine contingency power for helicopter application  
[NASA-TM-83043] p 166 N83-15307

Pre-design study for a modern 4-bladed rotor for the RSRA  
[NASA-CR-166155] p 206 N83-16331

Large rotorcraft transmission technology development program  
[NASA-CR-168120] p 332 N83-22188

Feasibility study of three-dimensional holographic interferometry for aerodynamics  
[NASA-CR-166483] p 483 N83-27845

JT90 thermal barrier coated vanes  
[NASA-CR-167964] p 536 N83-27993

Computer Aided System for Developing Aircrew Training (CASDAT)  
[AD-A128530] p 633 N83-31615

Potential joint civil and military use of military airfields  
[PB83-186734] p 633 N83-31616

### FEDERAL BUDGETS

National Aeronautics and Space Administration  
p 74 N83-10989

Aeronautics research and technology A review of proposed reductions in the FY 1983 NASA program  
[NASA-CR-169386] p 224 N83-13024

NASA authorization for fiscal year 1984  
[GPO-19-200] p 487 N83-27921

### FEEDBACK

Optimal feedback strategies for pursuit-evasion and interception in a plane  
[NASA-TM-84311] p 288 N83-18745

Improved dynamic models for air combat analysis  
[AD-A121379] p 305 N83-19562

Subcritical flutter testing using the feedback system approach  
p 629 N83-30718

### FEEDBACK CONTROL

Analysis and flight data for a drone aircraft with active flutter suppression  
p 29 A83-10192

Application of matrix singular value properties for evaluating gain and phase margins of multiloop systems --- stability margins for wing flutter suppression and drone lateral attitude control  
p 72 A83-12457

Closed-loop eigenvalue selection for reduced autopilot sensitivity to radome errors  
[AIAA PAPER 83-0062] p 140 A83-16494

Decoupling of high gain multivariable tracking systems  
[AIAA PAPER 83-0280] p 140 A83-16625

Design of error-actuated controllers for multivariable plants with unknown dynamics and unmeasurable outputs --- for automatic control of industrial processes and gas turbine engines  
p 163 A83-19385

Extended perfect model following --- control system synthesis technique  
p 235 A83-20289

Application of vector performance optimization to a robust control loop design for a fighter aircraft  
p 215 A83-21160

Design of an integrated control system for a supersonic aircraft power plant  
p 212 A83-23175

Multivariable stability margins for vehicle flight control systems  
p 285 A83-24815

Characterization of the dynamical response of receivers to fading

Stochastic control and identification enhancement for the flutter suppression problem  
p 286 A83-26544

Multivariable approach to the problem of structural cross coupling of force feedback electrohydraulic actuators --- for structural testing of aircraft and their components  
p 287 A83-26601

Globally stable nonlinear flight control system  
p 395 A83-32425

Using adaptive control to synthesize invariant and partially autonomous automatic stabilization systems  
p 460 A83-33900

Aircraft active controls - New era in design  
p 461 A83-35773

Nonlinear multivariable design by total synthesis --- of gas turbine engine control systems  
p 531 A83-37092

A variable structure approach to robust control of VTOL aircraft  
p 544 A83-37145

A new approach to exact model-matching with applications to aircraft systems  
p 650 A83-41477

Regulator design for the F100 turbofan engine  
p 612 A83-41492

Robustness analysis of a multiloop flight control system  
[AIAA PAPER 83-2189] p 619 A83-41675

Control of forward swept wing aeroelastic instabilities using active feedback systems  
[AIAA PAPER 83-2220] p 621 A83-41701

Pilot modeling and closed-loop analysis of flexible aircraft in the pitch tracking task  
[AIAA PAPER 83-2231] p 621 A83-41709

Airborne radar tracking system based on optimal filtering theory  
p 592 A83-43696

Output feedback pole assignment under system variation --- with CH-46 example  
p 704 A83-44948

Automation of the thermal spray process  
[SAE PAPER 820610] p 696 A83-45868

The impact of computers on the test cell of tomorrow --- for gas turbine engine tests  
[ASME PAPER 83-GT-187] p 742 A83-47993

An analysis of airline landing flare data based on flight and training simulator measurements  
[NASA-CR-166404] p 47 N83-10047

Equivalent systems criteria for handling qualities of military aircraft  
p 49 N83-10057

Gain and phase margin as a basis of longitudinal flying qualities evaluation --- fighter aircraft  
p 49 N83-10059

Bandwidth A criterion for highly augmented airplanes  
p 49 N83-10063

Analyzing the role of closed loop systems for a subsonic aircraft with reduced longitudinal stability  
p 51 N83-10076

Gain selection method and model for coupled propulsion and airframe systems  
[NASA-TP-2067] p 52 N83-11139

Digital flight control system design using singular perturbation methods  
[AD-A118117] p 53 N83-11143

Vibration limiting of rotors by feedback control  
p 187 N83-15656

Comparison of simulator fidelity model predictions with in-simulator evaluation data  
[NASA-TP 2106] p 266 N83-18715

Flight control system design using robust output observers  
p 343 N83-22105

Development and application of digital control for tactical aircraft flutter suppression  
p 343 N83-22108

Flight test experience with a digital integrated guidance and control system in a CCV fighter aircraft  
p 343 N83-22110

Analysis of pilot control strategy  
[NASA-CR-170399] p 344 N83-22212

Alternatives for jet engine control  
[NASA-CR-170233] p 393 N83-23305

Application of Calspan pitch rate control system to the Space Shuttle for approach and landing  
[NASA-CR-170402] p 397 N83-24513

High-gain error actuated flight control systems for continuous linear multivariable plants  
[AD-A124871] p 462 N83-26848

An observer approach to the identification and isolation of sensor failures in flight control systems  
[ESA-TT-738] p 546 N83-28001

Output feedback regulators for aircraft automatic control systems  
[VTH-LR-339] p 546 N83-28002

### FEEDFORWARD CONTROL

Extended perfect model following --- control system synthesis technique  
p 235 A83-20289

### FEMALES

Ejection seat testing for females  
[AD-A122870] p 381 N83-23285

### FEROGRAPHY

Ferrographic and spectrometer oil analysis from a failed gas turbine engine  
[NASA-TM-82956] p 218 N83-12433

## FIBER REINFORCED COMPOSITES

### FERROMAGNETIC RESONANCE

Research to develop and evaluate advanced eddy current sensors for detecting small flaws in metallic aerospace components  
[AD-A125873] p 564 N83-29726

### FIBER COMPOSITES

Analysis of bonded repairs to damaged fibre composite structures  
p 209 A83-13200

Reproducible processing and reliable repeatability in carbon fibre composites  
p 350 A83-29715

Adhesive bonding and composites  
p 551 A83-40131

Hingeless and bearingless main rotor in a fiber composite type of construction for dynamic systems of future helicopters  
p 724 A83-47195

Design simplification and cost reduction of helicopter tail rotor drive system by use of composites  
[MBS-UD-348] p 31 N83-10037

Design, fabrication and testing of an advanced composite access door for use in a lower wing panel  
[VTH-LR-335] p 61 N83-11251

Practical Considerations of Design, Fabrication and Tests for Composite Materials  
[AD-A123450] p 227 N83-17609

The nature of fibre composite materials  
p 227 N83-17610

Advanced testing of lightning protection schemes for composite main rotor blades (helicopter)  
p 587 N83-31211

Failure Analysis and Mechanisms of Failure of Fibrous Composite Structures  
[NASA-CP-2278] p 693 N83-33957

Safe-life and damage-tolerant design approaches for helicopter structures  
p 693 N83-33961

### FIBER OPTICS

Fiber optic aircraft multiplex systems - Planning for the 1990s  
p 20 A83-11180

Fiber optics wavelength division multiplexing for aircraft applications  
p 21 A83-11181

Video distribution requirements for future tactical aircraft  
p 21 A83-11182

Description and planned use of a data distribution evaluation system for fiber optic data buses  
p 21 A83-11183

Distributed processing and fiber optic communications in air data measurement  
p 36 A83-11258

Optical sensor for measurement of position and deformations of models in wind tunnel  
p 64 A83-12347

Fiber optics technology and its application to propulsion control systems  
[AIAA PAPER 83-0534] p 158 A83-16772

Fiber-optic technology takes to the air  
p 140 A83-16867

USAF ground fiber optic development program  
p 228 A83-19711

Fiber optic wavelength multiplexing for civil aviation applications  
p 208 A83-22492

Fiber optics for aircraft engine/inlet control  
p 211 A83-22494

Fiber optics for electro-magnetic pulse /EMP/ simulators  
p 218 A83-22495

Coherent, single-mode fiber optic for multifunction 10.6 micron helicopter avionics system  
p 706 A83-46639

Infrared fiber early warning receiver  
p 682 A83-46640

State of the art and development potential of fiber optic rotation sensors --- for inertial navigation  
p 734 A83-47187

Fiber optics technology and its application to propulsion control systems  
[NASA-TM-83009] p 159 N83-15302

A study of wavelength division multiplexing for avionics applications  
[AD-A125749] p 530 N83-27990

New flight control technologies for future naval aircraft  
[AD-A128624] p 751 N83-34955

### FIBER ORIENTATION

Swept composite wing aeroelastic divergence experiments  
p 29 A83-10193

Component form and manufacture  
p 635 N83-30529

### FIBER REINFORCED COMPOSITES

The use of composite patches for repair of aircraft structural parts  
p 3 A83-12968

Development of a structural, bird impact resistant, de-iced wing leading edge for the de Havilland Dash 8 aircraft using fibre-reinforced composites  
p 153 A83-18823

Plastic tooling for advanced composites  
p 222 A83-20481

Elevated temperature repairs of advanced composite structures  
p 223 A83-20499

Fracture tough composites - The effect of toughened matrices on the mechanical performance of carbon fiber reinforced laminates  
p 294 A83-23642

## FIELD OF VIEW

- Composites in the construction of the Lear Fan 2100 aircraft p 350 A83-29718
- Modern propellers for commuter airlines [SAE PAPER 820719] p 391 A83-30874
- Composite materials applications in the manufacture of helicopters - Design and problems of helicopters p 385 A83-31822
- Evaluation of the effect of voids in composite main rotor blades p 472 A83-33507
- Evaluation of the effect of voids in composite main rotor blades p 435 A83-35950
- Light aircraft and sailplane structures in reinforced plastics p 435 A83-36065
- Economic evaluation of a standard product of fiber-reinforced composite material in comparison with steel p 551 A83-38875
- High-temperature composites - Status and future directions p 551 A83-40129
- Kevlar aramid as a fiber reinforcement with emphasis on aircraft p 552 A83-40286
- New insights in structural design of composite rotor blades for helicopters p 525 A83-40287
- PMR polyimide composites for aerospace applications [NASA-TM-83047] p 178 A83-15364
- Composite structural materials [NASA-CR-169859] p 226 A83-17597
- Practical Considerations of Design, Fabrication and Tests for Composite Materials [AD-A123450] p 227 A83-17609
- Lectures on Composite Materials for Aircraft Structures [ARL/STRUC-REPT-394] p 635 A83-30523
- Introduction to Lectures on Composite Materials for Aircraft Structures p 635 A83-30524

## FIELD OF VIEW

- Sensor snap and narrow field-of-view inset for terrain avoidance flight p 36 A83-11188
- AOI displays in simulation --- Area Of Interest p 197 A83-16337
- Wide field of view head-up displays p 681 A83-44690

## FIGHTER AIRCRAFT

- Minimum-time 180 deg turns of aircraft p 45 A83-10250
- The solution of 'real-world' aircraft EMC problems using the AAPG computer program p 63 A83-11085
- Integrated CNI avionics maximizes reliability --- communications, navigation, and cooperative identification p 63 A83-11089
- The development of JTIDS distributed TDMA/DTDMA/advanced development model /ADM/ terminals --- Joint Tactical Information Distribution System p 18 A83-11094
- Rationalizing Tacair force development in the next decade p 2 A83-11116
- Advanced speech technology in fighter cockpits - A new perspective on issues and applications p 19 A83-11125
- Strapdown inertial performance needed for the 1990s p 19 A83-11127
- Color, pictorial display formats for future fighters p 35 A83-11134
- Integrated airframe/propulsion controls technology p 46 A83-11175
- Fiber optic aircraft multiplex systems - Planning for the 1990s p 20 A83-11180
- F-4F fire control system software support - An integrated approach to ground and flight testing p 56 A83-11228
- Applications of autopath technology to terrain/obstacle avoidance p 23 A83-11255
- The effects of firing a weapon on the air intake in a subsonic flow [AAAF PAPER NT 81-11] p 8 A83-11772
- ACA-ECA or pipedream, Industry needs it - but who will pay p 30 A83-13017
- Airframe effects on a top-mounted fighter inlet system p 177 A83-13166
- The application of diffraction optics to the LANTIRN head-up display p 196 A83-16131
- Simulation of a terrain following system p 186 A83-16333
- Augmentation of fighter aircraft lift and STOL capability by blowing outward from the wing tips [AIAA PAPER 83-0078] p 130 A83-16507
- Thrust reversing effects on horizontal tail effectiveness of twin-engine fighter aircraft [AIAA PAPER 83-0086] p 149 A83-16512
- The application of energy saving concepts to future fighter/attack aircraft design [AIAA PAPER 83-0092] p 149 A83-16516
- A glimpse into the future of air combat --- via computerized cockpit simulators [AIAA PAPER 83-0143] p 171 A83-16552
- Trimming high lift for STOL fighters [AIAA PAPER 83-0168] p 168 A83-16558

- Decoupling of high gain multivariable tracking systems [AIAA PAPER 83-0280] p 140 A83-16625
- Low-speed investigation of the maneuver capability of supersonic fighter wings [AIAA PAPER 83-0426] p 134 A83-16708
- Fatigue sensitivity of composite structure for fighter aircraft p 152 A83-18402
- Effects of spanwise blowing and reverse thrust on fighter low-speed aerodynamics p 136 A83-18410
- Military propulsion technology I - Fighter power - The need for tomorrow p 162 A83-18948
- Military propulsion technology II - Supersonic V/STOL technology shapes up p 163 A83-18949
- Military propulsion technology III - Materials are the key --- for fighter aircraft engines p 177 A83-18950
- US Navy STOVL - Waiting in the wings p 153 A83-19450
- The development of advanced composite front fuselage technology p 202 A83-20464
- The future for fighter aircraft p 186 A83-20597
- Thirty years of fighter armament p 203 A83-20800
- Suboptimal filters for INS alignment on a moving base p 199 A83-21019
- Stability of steady sideslip equilibria for high alpha --- supersonic fighter aircraft p 284 A83-24031
- Configuration development for a highly maneuverable experimental aircraft with negative sweep rudder units [DGLR PAPER 82-035] p 261 A83-24160
- Ground tests for obtaining the airworthiness certificate for an automatic terrain-following system [DGLR PAPER 82-040] p 253 A83-24164
- Maneuver load control for reducing the design loads of modern combat aircraft p 284 A83-24169
- [DGLR PAPER 82-048] p 284 A83-24169
- Some aspects of the engine design of future fighter planes [DGLR PAPER 82-071] p 275 A83-24185
- Development trends regarding jet engines for future combat aircraft [DGLR PAPER 82-072] p 275 A83-24186
- On the design philosophy of fighter aircraft engines [DGLR PAPER 82-073] p 275 A83-24187
- Delta canard configuration at high angle of attack p 285 A83-24650
- Technical qualities for combat helicopter powerplants p 278 A83-24839
- A multifunction integrated approach to providing aircraft inertial data p 254 A83-24853
- Now is the time for new fighters p 262 A83-25137
- Potential uses of two types of stereographic display systems in the airborne fire control environment p 270 A83-26314
- Self-tuning fly-by-wire control system p 287 A83-26603
- A multifunction integrated approach to providing aircraft inertial data p 321 A83-28595
- X-29 - Advanced technology demonstrator p 384 A83-31051
- Escape low and hot --- vertical-seeking, steerable ejection seat design for F-14A aircraft p 384 A83-31587
- AM-X - The export challenger with a foot in two continents p 385 A83-31940
- Flight tests verify predictions for F-20 p 386 A83-32475
- Aircraft design philosophy I - Lee Begin of Northrop p 434 A83-35624
- Real time simulation of mission environments for avionics systems integration [AIAA PAPER 83-1097] p 463 A83-36217
- Critera for optimizing starting cycles for high performance fighter engines [AIAA PAPER 83-1127] p 450 A83-36236
- Thrust reverser exhaust plume reingestion tests for a STOL fighter model [AIAA PAPER 83-1229] p 452 A83-36293
- A static investigation of yaw vectoring concepts on two-dimensional convergent-divergent nozzles [AIAA PAPER 83-1288] p 421 A83-36324
- Fighter engine cycle selection [AIAA PAPER 83-1300] p 457 A83-36412
- The application of low-cost demonstrators for advanced fighter technology evaluation [AIAA PAPER 83-1052] p 438 A83-36462
- X-29 integrated technology demonstrator and ATF [AIAA PAPER 83-1058] p 438 A83-36469
- GE's APG-67 - Fighter radar with a future p 432 A83-36625
- Dynamics of air combat p 416 A83-36914
- The future of the manned aircraft p 416 A83-36960
- Piloted simulation of hover and transition of a vertical attitude takeoff and landing aircraft p 516 A83-37064
- Configuration studies for future fighters p 516 A83-37859
- Supersonic STOVL research aircraft [SAE PAPER 821375] p 517 A83-37965

## SUBJECT INDEX

- Electromechanical primary flight control activation systems for fighter/attack aircraft [SAE PAPER 821435] p 518 A83-37983
- Flight at supernormal attitudes [SAE PAPER 821469] p 544 A83-38000
- Application of forward sweep wings to an air combat fighter [AIAA PAPER 83-1833] p 520 A83-38662
- High angle-of-attack flight dynamics of a forward-swept wing fighter configuration [AIAA PAPER 83-1837] p 544 A83-38666
- Status review of a supersonically-biased fighter wing-design study [AIAA PAPER 83-1857] p 521 A83-38684
- Aerodynamics critical to the operations of tactical fighters from bomb damaged runways [AIAA PAPER 83-1861] p 521 A83-38688
- Survey of inlet development for supersonic aircraft [AIAA PAPER 83-1164] p 503 A83-40473
- Air-to-air combat in a plastic dome p 548 A83-40620
- Integrated airframe/propulsion control system architectures (IAPSA) study [AIAA PAPER 83-2158] p 595 A83-41660
- Control law design for ejection seats [AIAA PAPER 83-2204] p 595 A83-41688
- Impact of aircraft structural dynamics on integrated control design [AIAA PAPER 83-2216] p 596 A83-41698
- Computational aerodynamic design of fighter aircraft Progress and pitfalls [AIAA PAPER 83-2063] p 596 A83-41903
- Determination of aerodynamic parameters of a fighter airplane from flight data at high angles of attack [AIAA PAPER 83-2066] p 623 A83-41904
- Comparison of fixed-base and in-flight simulation results for lateral high order systems [AIAA PAPER 83-2105] p 625 A83-41934
- Flight test experience with pilot-induced-oscillation suppressor filters [AIAA PAPER 83-2107] p 625 A83-41936
- Poststall flight in close combat [AIAA PAPER 83-2120] p 625 A83-41945
- Interception in three dimensions - An energy formulation [AIAA PAPER 83-2121] p 597 A83-41946
- An eccentric two-target differential game model for qualitative air-to-air combat analysis [AIAA PAPER 83-2122] p 575 A83-41947
- Flight path/nose pointing - A required criterion in future fighter aircraft design [AIAA PAPER 83-2123] p 597 A83-41948
- Innovative concepts for tactical STOL [AIAA PAPER 83-2129] p 597 A83-41952
- Subsonic roll oscillation experiments on the Standard Dynamics Model [AIAA PAPER 83-2134] p 626 A83-41956
- The optimal evasive maneuver of a fighter against proportional navigation missiles [AIAA PAPER 83-2139] p 626 A83-41961
- World aeronautical research - III p 576 A83-43033
- Grumman's forward swept wing feasibility studies and X-29A technology demonstrator [SAE PAPER 1454] p 602 A83-43736
- Life cycle cost applications to conceptual designs [SAE PAPER 1479] p 654 A83-43748
- Aerodynamic aspects of aircraft dynamics at high angles of attack p 658 A83-43964
- Nonlinear control law for piloting aircraft in the air-to-ground attack phase [ONERA, TP NO 1983-37] p 687 A83-44315
- Design impact of composites on fighter aircraft. I - They force a fresh look at the design process p 676 A83-46347
- EAGLE/DTA - A life cycle cost model for damage tolerance assessment --- Engine/Aircraft Generalized Life cycle cost Evaluator [ASME PAPER 83-GT-76] p 739 A83-47929
- Integrated flight and propulsion operating modes for advanced fighter engines [ASME PAPER 83-GT-194] p 742 A83-47999
- A design study of a reaction control system for a V/STOL fighter/attack aircraft [ASME PAPER 83-GT-199] p 743 A83-48002
- STOL fighter technology program [ASME PAPER 83-GT-243] p 726 A83-48033
- Correlation of flight test and analytic M-on-N air combat exchange ratios --- Many-on-Many p 710 A83-48219
- Preliminary design engine thermodynamic cycle selection for advanced fighters [AIAA PAPER 83-2480] p 745 A83-48343
- Performance of a forward swept wing fighter utilizing thrust vectoring [AIAA PAPER 83-2482] p 727 A83-48344

## SUBJECT INDEX

Effect of aircraft configuration and control integration on surface actuation  
[AIAA PAPER 83-2487] p 727 A83-48347

Voice-actuated avionics p 724 A83-48891

Identification and control of flutter on military combat aircraft p 730 A83-49187

Aeroelastic considerations for automatic structural design procedures p 730 A83-49189

Strength-flutter structural optimization of a supersonic cruise combat aircraft p 730 A83-49190

Active gust load alleviation and ride comfort improvement p 751 A83-49193

Subsonic diffuser development of advanced tactical aircraft  
[AIAA PAPER 83-1168] p 717 A83-49300

Application of optimal control synthesis to integrated vertical flight path and airspeed control for an advanced fighter  
[AIAA PAPER 83 2560] p 751 A83-49594

Aerodynamic characteristics of maneuvering flaps p 8 A83-10004

Criteria for Handling Qualities of Military Aircraft  
[AD-A118596] p 48 A83 10054

Gain and phase margin as a basis of longitudinal flying qualities evaluation --- fighter aircraft p 49 A83-10059

Effect of control system delays on fighter flying qualities p 51 A83 10072

A wind-tunnel investigation of the application of the NASA supercritical airfoil to a variable-wing-sweep fighter airplane  
[NASA-TM-X-2759] p 5 A83 11028

Application of output predictive algorithm control to a terrain following aircraft system  
[AD-A118038] p 27 A83-11105

Stability and control characteristics at Mach numbers 1.60 to 2.86 of a variable-sweep fighter configuration with supercritical airfoil sections --- Langley unitary plan wind tunnel tests  
[NASA-TM-X-2284] p 52 A83-11141

Evaluation of a damage accumulation monitoring system as an individual aircraft tracking concept  
[AD-A118768] p 193 A83-12076

Polymer materials research at NASA Ames Research Center p 210 A83-12150

USAF bioenvironmental noise data handbook Volume 172 Hush-noise suppressor (Aero Systems Engineering, Incorporated) far-field noise  
[AD-A118773] p 223 A83-12973

Aircraft thrust/power management can save defense fuel, reduce engine maintenance costs, and improve readiness  
[GAO/PLRD-82 74] p 139 A83-14074

Pictorial formats Volume 1 Format development  
[AD-A119222] p 155 A83-14115

Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 2 Program plan, test data and analysis  
[AD-A119704] p 155 A83-14117

The use of laterally vectored thrust to counter thrust asymmetry in a tactical jet aircraft  
[NASA-CR-166047] p 170 A83-15319

The oil/air system of a modern fighter aircraft engine p 167 A83 15511

Effect of external stores on the stability and control characteristics of a delta wing fighter model at Mach numbers from 0.60 to 2.01  
[NASA-TM-84596] p 194 A83-17508

The minimization of pylon-mounted store effects on air combat capability  
[NASA-TM-84597] p 195 A83 17510

Influence of configuration components of statically unstable combat aircraft on the aerodynamic design for high angle-of-attack p 245 A83-18694

Improved dynamic models for air combat analysis  
[AD-A121379] p 305 A83-19562

Advances in Guidance and Control Systems  
[AD-A125687] p 311 A83 22093

Designing improved tracking regulators for piloting highly maneuverable aircraft --- fighter aircraft p 342 A83-22095

Flight test experience with a digital integrated guidance and control system in a CCV fighter aircraft p 343 A83-22110

An aerodynamic assessment of various supersonic fighter airplanes based on Soviet design concepts  
[NASA-TM-84647] p 315 A83 22157

Augmentation of fighter-aircraft performance by spanwise blowing over the wing leading edge  
[NASA-TM-84330] p 315 A83-22159

Experimental study of wing leading-edge devices for improved maneuver performance of a supercritical maneuvering fighter configuration --- Langley 7- by 10-ft high speed tunnel tests  
[NASA-TP-2125] p 316 A83-22162

Recent Transonic Flutter Investigation for Wings and External Stores  
[AD-A128162] p 345 A83-22215

A Canadian approach to flutter clearance for external stores p 345 A83-22216

Adaptive flutter suppression, analysis and test p 346 A83-22219

Computer prediction of store aerodynamic loading during separation  
[AD-A124693] p 378 A83-24483

The effects of the Production Oriented Maintenance Organization (POMO) concept on ADTAC aircraft maintenance productivity and quality  
[AD-A123981] p 416 A83-25655

Pressures measured in flight on the aft fuselage and external nozzle of a twin-jet fighter  
[NASA-TP-2017] p 424 A83-25665

Resonance tests on the tail of a CT4 aircraft  
[AD-A124566] p 441 A83-25703

Effects of varying podded nacelle-nozzle installations on transonic aerodynamic characteristics of a supersonic fighter aircraft  
[NASA-TP-2120] p 427 A83-26821

Lateral flying qualities of highly augmented fighter aircraft, volume 1  
[AD-A118070] p 443 A83 26835

Pilot human factors in stall/spin accidents of supersonic fighter aircraft  
[NASA-TM-84348] p 462 A83-26846

Soft airfield test with F 4 aircraft  
[AD-A125393] p 548 A83-28008

Engine Handling  
[AD-A129168] p 540 A83 29241

Handling combat engines The pilots viewpoint --- Mirage 2000 aircraft p 540 A83-29247

Experience with the KHD APU T312 for a modern fighter type p 541 A83-29251

The use of free-flight models for the prediction of departure control p 593 A83-30368

Lightning interaction with USAF aircraft p 587 A83-31214

Service life evaluation of rigid explosive transfer lines  
[NASA-TP-2143] p 608 A83-31596

A combat aircraft availability assessment technique  
[ISBN-0-902937-80-4] p 658 A83-32708

Aeroelastic stability of a forward swept wing with wing tip stores  
[AD-A125457] p 678 A83-32787

On pursuit evasion between two realistic aircraft  
[SAAB-TN AE-75] p 705 A83-33641

Self-repairing digital flight control system p 688 A83-33902

Increasing future fighter weapon system performance by integrating basing, support and air vehicle requirements  
[AD-A129039] p 712 A83-34888

China's Qiang 5 attack aircraft  
[AD-A130117] p 734 A83-36026

Advanced digital controller development program, task 1  
[AD-A129269] p 749 A83-36034

**FILAMENT WINDING**  
Advanced composite structures at Hughes Helicopters, Inc p 260 A83-23645

**FILLETS**  
Advisory circular Airport design standards Transport airports  
[FAA-AC-150/5300-12] p 548 A83-28005

**FILM COOLING**  
Experimental investigation on film cooling of a gas turbine blade p 199 A83-13346

Profile losses during the release of air onto the surface of nozzle vanes p 418 A83-35590

Cooling airflow studies at the leading edge of a film-cooled airfoil  
[ASME PAPER 83-GT-82] p 760 A83-47935

Curvature effects on the heat transfer performance of three-dimensional film cooling of gas turbine blades  
[AD-A119729] p 164 A83-14131

Film Cooling and Turbine Blade Heat Transfer, volume 1  
[VKI-LS-1982-02 VOL-1] p 282 A83-18730

Introduction to film cooling, three dimensional film cooling curvature effects and film cooling p 301 A83-18731

Film Cooling and Turbine Blade Heat Transfer, volume 2  
[VKI LS-1982-02-VOL-2] p 282 A83-18738

Stagnation region gas film cooling Effects of dimensionless coolant temperature  
[NASA-CR-168197] p 645 A83-30960

**FILM THICKNESS**  
A nonintrusive laser interferometer method for measurement of skin friction p 695 A83-44677

## FINITE ELEMENT METHOD

A nonintrusive laser interferometer method for measurement of skin friction  
[NASA-TM-84300] p 217 A83-12393

**FILTRATION**  
Full-flow debris monitoring and fine filtration for helicopter propulsion systems p 278 A83-24838

Aviation filters for fuels, oils, hydraulic fluids, and air --- Russian book p 327 A83-28813

**FINANCE**  
Impact of advanced air transport technology Part 4 Financing and program alternatives for advanced high-speed aircraft  
[PB83-110585] p 251 A83-19731

**FINANCIAL MANAGEMENT**  
Life cycle cost management - An engineer's view  
[AIAA PAPER 83-2451] p 770 A83-48334

Government financial support for civil aircraft research, technology and development in four European countries and the United States  
[NASA-CR-169537] p 225 A83-14022

Multiplication effects due to wages, salaries and commissions paid at the airport  
[FACHTHEMEN-4] p 400 A83-23323

Ultra sound and insurance p 412 A83-24286

**FINITE DIFFERENCE THEORY**  
A study of transverse turbulent jets in a cross flow --- for gas turbine combustion process modelling p 42 A83 13100

A fast algorithm for the calculation of transonic flow over wing/body combinations p 178 A83-15283

Nonlinear aerodynamic modeling of flap oscillations in transonic flow - A numerical validation  
[AIAA PAPER 81-0073] p 178 A83 15290

Treatment of late time instabilities in finite-difference EMP scattering codes p 180 A83-17532

Finite difference modeling of rotor flows including wake effects  
[ONERA, TP NO 1982-114] p 243 A83-24326

A more accurate transonic computational method for wing body configurations p 375 A83 32982

Navier-Stokes calculations for the vortex wake of a rotor in hover  
[AIAA PAPER 83-1676] p 492 A83-37184

Finite-difference simulation of transonic separated flow using a full potential boundary layer interaction approach  
[AIAA PAPER 83-1689] p 555 A83-37189

Some recent applications of XTRAN3S --- time marching finite difference code for solution of three-dimensional transonic small perturbation flow  
[AIAA PAPER 83-1811] p 497 A83-38644

Calculation of three-dimensional turbulent boundary layer on an infinite swept wing p 659 A83 44555

On the numerical solution of head-on vehicle shock-planar incident shock interaction flow p 659 A83-44556

Interpretation methodology and analysis of in flight lightning data  
[NASA-CR-3590] p 69 A83-11661

Analytical calculation of a single jet in crossflow and comparison with experiment  
[NASA-TM-83027] p 163 A83-14127

Finite difference calculation of an inviscid transonic flow over oscillating airfoils  
[RAE TRANS-2087] p 191 A83-16292

Application of a finite difference method to the transonic airfoil problem  
[AD A124720] p 425 A83-25674

Higher-order computational methods for transonic wing/body flowfields  
[AD-A124079] p 426 A83-25679

**FINITE ELEMENT METHOD**  
Load distribution on deformed wings in supersonic flow p 6 A83-10180

A numerical simulation of three-dimensional transonic flows of compressible perfect fluids around aircraft by use of the finite element and least squares methods  
[AAAF PAPER NT 81-23] p 64 A83 11779

An efficient triangular plate bending finite element for crash simulation p 64 A83-12755

Nonlinear structural and life analyses of a combustor liner p 65 A83-12764

The application of nonlinear analysis techniques to practical structural design problems p 65 A83-12765

The use of an error index to improve numerical solutions for unsteady lifting airfoils p 178 A83-15281

A superelement analysis of stiffened shells --- Russian book on aircraft fuselage structures p 202 A83-20392

Finite element strength analysis of rotating shell-plate structures p 229 A83-21448

Analysis and repair of flaws in thick structures p 230 A83-21654

A transonic quasi-3D analysis for gas turbine engines including split-flow capability for turbofans p 190 A83-22647

## FINITE VOLUME METHOD

- A finite-element study of the stress-strain state of the turbofan rotor of an aircraft gas-turbine engine p 274 A83-23515
- Three-dimensional elastoplastic finite element analysis p 300 A83-26767
- Research on the thermomechanical stress in turbine disks under thermal manipulations --- German thesis p 337 A83-28667
- An alternating method for analysis of surface-flawed aircraft structural components p 354 A83-28966
- Application of multiple objective optimization techniques to finite element model tuning --- for flutter analysis of T-38 aircraft horizontal stabilizer p 356 A83-29796
- [AIAA 83-1010] p 356 A83-29796
- Application of the nonlinear finite element method to crashworthiness analysis of aircraft seats p 318 A83-29855
- [AIAA 83-0929] p 318 A83-29855
- An analysis of the natural vibrations of the rotors of centrifugal compressor machines p 405 A83-30310
- Finite-element mathematical model of a gas turbine engine in unsteady flow p 531 A83-37252
- Generalization of the results of calculations of the stressed state of structures with cutouts --- such as wing and fuselage combinations p 556 A83-37268
- On the formulation of the finite-element method in heat-conduction problems for aircraft structures p 556 A83-37515
- Analytical control of the shape of the polygons used in the finite-element method p 557 A83-37644
- Transonic Euler simulations by means of finite element explicit schemes p 503 A83-39378
- [AIAA PAPER 83-1924] p 503 A83-39378
- Finite-element analysis of the T-38 canopy p 594 A83-41044
- Assessment of rotor-fuselage coupling on vibration predictions using a simple finite element model p 640 A83-41075
- Residual strength predictions for ballistically damaged aircraft p 641 A83-42540
- Finite element model tuning via multiple objective optimization techniques p 641 A83-42542
- Algorithmic mass-factoring of finite element model analyses p 643 A83-43733
- [SAWE PAPER 1451] p 643 A83-43733
- Application of finite element analysis techniques to the derivation of advanced composite structure weight p 644 A83-43757
- [SAWE PAPER 1490] p 644 A83-43757
- Finite element prediction of damping in beams with constrained viscoelastic layers p 66 A83-10223
- Utilizing numerical techniques in turbofan inlet acoustic suppressor design p 73 N83-10885
- [NASA-TM-82994] p 73 N83-10885
- Digital simulation of transonic 3-dimensional flows of perfect compressible flows around aircraft by the methods of finite elements and of least squares p 33 N83-11122
- [PB82-213448] p 33 N83-11122
- Large displacements and stability analysis of nonlinear propeller structures p 218 N83-12460
- An interactive system for transformation of known measures long internal surface of cylinders model for shafts p 233 N83-17748
- [ISD-294] p 233 N83-17748
- Finite element calculations for aerodynamic coefficients of 3-dimensional body in subsonic flow using Green's function method p 244 N83-18661
- [NAL-TR-724] p 244 N83-18661
- Blade design with a finite element method p 283 N83-19040
- Application of a systematic finite-element model modification technique to dynamic analysis of structures p 301 N83-19124
- [NASA-TM-83292] p 301 N83-19124
- Tire Modeling p 359 N83-21391
- [NASA-CP-2264] p 359 N83-21391
- Development of methodology for horizontal axis wind turbine dynamic analysis p 362 N83-22747
- [NASA-CR-168110] p 362 N83-22747
- Investigation of an improved finite element model for a repaired T-38 horizontal stabilizer flutter analysis using NASTRAN p 461 N83-25717
- [AD-A124741] p 461 N83-25717
- Temperature response of a model to set-point changes and conditioning in ETW p 465 N83-25721
- A parametric study of surface imperfections and small cutouts in a composite panel p 470 N83-25793
- [AD-A124739] p 470 N83-25793
- Structural model tuning via vector optimization p 477 N83-26103
- [AD-A124791] p 477 N83-26103
- Finite element program for calculating flows in turbomachines with results for NASA task-1 compressor p 460 N83-26841
- [AD-A124987] p 460 N83-26841
- Analysis of progressive collapse of complex structures p 478 N83-27260
- [AD-A125266] p 478 N83-27260
- Force method optimization 2 Volume 1 Theoretical development p 652 N83-32408
- [AD-A127073] p 652 N83-32408

## FINITE VOLUME METHOD

- Explicit and implicit corrected viscosity schemes for the computation of steady transonic flows p 177 A83-14606
- Finite-volume solutions to the Euler equations in transonic flow p 136 A83-18405
- [AIAA PAPER 81-1265] p 136 A83-18405
- An experience in mesh generation for three-dimensional calculation of potential flow around a rotating propeller p 501 A83-38798
- Finite volume calculation of three-dimensional potential flow around a propeller p 660 A83-45577
- FINNED BODIES**
- Missile Datcom status report - Body and fin alone methodology p 132 A83-16574
- [AIAA PAPER 83-0181] p 132 A83-16574
- Aerodynamic estimation techniques for aerostats and airships p 136 A83-18404
- FINS**
- On-board instrumentation for test vehicles with varying roll rates p 158 A83-16797
- [AIAA PAPER 83-0570] p 158 A83-16797
- Static and damage tolerance tests of an advanced composite vertical fin for L 1011 aircraft p 328 A83-29780
- [AIAA 83-0970] p 328 A83-29780
- Thermal cycling in compact plate-fin heat exchangers --- in aircraft gas turbines p 445 A83-34253
- Conical similarity of shock/boundary layer interactions generated by swept fins p 492 A83-37229
- [AIAA PAPER 83-1756] p 492 A83-37229
- The evaluation of the rolling moments induced by wraparound fins p 545 A83-38669
- [AIAA PAPER 83-1840] p 545 A83-38669
- Enhancement of heat transfer p 642 A83-42659
- The one-dimensional analysis of fin assembly heat transfer p 643 A83-43365
- Processing composite materials p 210 N83-12153
- Helicopter fin effectiveness p 206 N83-16338
- [BU-271] p 206 N83-16338
- Effects of aerodynamic interaction between main and tail rotors on helicopter hover performance and noise p 376 N83-23275
- [NASA-CR-166477] p 376 N83-23275
- Advanced manufacturing development of a composite empennage component for L-1011 aircraft p 440 N83-25694
- [NASA-CR-172657] p 440 N83-25694
- The evaluation of the rolling moments induced by wraparound fins p 506 N83-29180
- [NASA-TM-84381] p 506 N83-29180
- Advanced manufacturing development of a composite empennage component for L-1011 aircraft Phase 2 Design and analysis p 605 N83-30404
- [NASA-CR-185634] p 605 N83-30404
- An experimental study into the scaling of an unswept-sharp-fin-generated shock/turbulent boundary layer interaction p 645 N83-30967
- [AD-A126919] p 645 N83-30967
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to sideslip, (Y sub v) sub f, (N sub v) sub f, (L sub v) sub f, in the presence of body, wing and tailplane p 664 N83-32763
- [ESDU-82010] p 664 N83-32763
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of yaw, (Y sub r) sub F, (N sub r) sub F, (L sub r) sub F p 664 N83-32764
- [ESDU-82017] p 664 N83-32764
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of roll, (Y sub p) sub F, (N sub p) sub F, (L sub p) sub F, in the presence of body, wing and tailplane p 665 N83-32770
- [ESDU-83006] p 665 N83-32770
- FIRE CONTROL**
- Integrated flight and fire control development and flight test on an F-15B aircraft p 20 A83-11160
- Development and evaluation of advanced air-to-air missile fire control algorithms and displays p 21 A83-11191
- Maximizing survivability and effectiveness of air-to-ground gunnery using a moveable gun p 21 A83-11192
- Use of the onboard simulation concept for the integrated flight and fire control program p 22 A83-11201
- Dynamic characteristics of an integrated flight and fire control system p 46 A83-11208
- F-4F fire control system software support - An integrated approach to ground and flight testing p 56 A83-11228
- The Aquila - A versatile, cost-effective military tool shows its potential p 192 A83-16399
- Estimation of helicopter and target motion for the advanced attack helicopter fire control system p 143 A83-18378
- Estimation and prediction for maneuvering target trajectories p 257 A83-26261
- Potential uses of two types of stereographic display systems in the airborne fire control environment p 270 A83-26314

Integrated systems evaluated on F-15

- p 322 A83-28700
- The significant elements of the reliability and maintainability programs for the modernized Cobra helicopter weapons/weapons control systems p 406 A83-31499
- Microprocessor-based optimal controllers for a helicopter turret control system p 434 A83-35138
- GE's APG-67 - Fighter radar with a future p 432 A83-36625
- Design and analysis of a digitally controlled integrated flight/fire control system p 511 A83-37063
- Nonlinear control law for piloting aircraft in the air-to-ground attack phase p 687 A83-44315
- [ONERA, TP NO 1983-37] p 687 A83-44315
- Computer modeling of aircraft cabin fire phenomena p 319 N83-22174
- [PB83-119891] p 319 N83-22174
- A critique of the Bell Helicopter Textron COBRA 2.75 inch rocket ballistic algorithm p 390 N83-24502
- [AD-A123703] p 390 N83-24502
- FIRE DAMAGE**
- Assessment of crash fire hazard of LH sub 2 fueled aircraft p 16 N83-11095
- [NASA-CR-165525] p 16 N83-11095
- Application of thermochemical modeling to aircraft interior polymers materials p 211 N83-12237
- [NASA-CR-169384] p 211 N83-12237
- Sandia Aircraft Crashfire Facility p 198 N83-16313
- [DE82-004297] p 198 N83-16313
- FIRE EXTINGUISHERS**
- Evaluation of advanced airplane fire extinguishants p 508 A83-38076
- [AIAA PAPER 83-1141] p 508 A83-38076
- Powder pack protection for aircraft dry bays p 585 A83-42558
- In flight aircraft seat fire extinguishing tests (cabin hazard measurements) p 197 N83-16308
- [FAA-CT-82-111] p 197 N83-16308
- Equivalency evaluation of firefighting agents and minimum requirements at US Air Force airfields p 198 N83-17524
- [AD-A126443] p 198 N83-17524
- Fire extinguishant materials p 759 N83-36118
- [NASA-CASE-ARC-11252-1] p 759 N83-36118
- FIRE FIGHTING**
- Equivalency evaluation of firefighting agents and minimum requirements at US Air Force airfields p 198 N83-17524
- [AD-A126443] p 198 N83-17524
- Measurements of airtanker drop conditions during firefighting operations p 529 N83-29203
- [PB83-157883] p 529 N83-29203
- Air transportable AS32/P-4 crash rescue vehicle p 669 N83-33864
- [AD-A128066] p 669 N83-33864
- FIRE PREVENTION**
- Effectiveness of seat cushion blocking layer materials against cabin fires p 507 A83-38003
- [SAE PAPER 821484] p 507 A83-38003
- The survivable aircraft fire p 585 A83-43407
- A combined hazard index fire test methodology for aircraft cabin materials, volume 1 p 15 N83-10025
- [AD-A117448] p 15 N83-10025
- A combined hazard index fire test methodology for aircraft cabin materials, volume 2 p 15 N83-10026
- [AD-A117449] p 15 N83-10026
- Development of aircraft lavatory compartments with improved fire resistance characteristics Phase 4 Sandwich panel decorative ink development p 296 N83-18851
- [NASA-CR-166432] p 296 N83-18851
- Correlation of flammability test data of antimisting fuels p 352 N83-22441
- [FAA-CT-82-29] p 352 N83-22441
- Fire containment characteristics of aircraft class D cargo compartments p 509 N83-27968
- [FAA-CT-82-156] p 509 N83-27968
- The lightning spark barrier p 647 N83-31241
- FIREPROOFING**
- Optimization of fire blocking layers for aircraft seating p 585 A83-43742
- [SAWE PAPER 1468] p 585 A83-43742
- Fire resistant aircraft hydraulic system p 33 N83-11118
- [AD-A118169] p 33 N83-11118
- Fire resistant films for aircraft applications p 352 N83-22320
- [NASA-TM-84337] p 352 N83-22320
- FIRES**
- Dayton aircraft cabin fire model, version 3 Volume 2 Program user's guide and appendices p 16 N83-11099
- [AD-A118390] p 16 N83-11099
- Application of thermochemical modeling to aircraft interior polymers materials p 211 N83-12237
- [NASA-CR-169384] p 211 N83-12237
- Advanced Ultra-Violet (UV) aircraft fire detection system Volume 1 System description and flight test p 198 N83-17526
- [AD-A121253] p 198 N83-17526
- Advanced Ultra-Violet (UV) aircraft fire detection system Volume 2 System hardware design, software design, and test p 250 N83-19722
- [AD-A121721] p 250 N83-19722



An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 1 Smoke [PB83-113522] p 251 N83-19727

An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 2 Rate of energy release in fire [PB83-113530] p 251 N83-19728

An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 5 Some analyses of the post crash fire scenario [PB83-113555] p 251 N83-19730

Numerical calculations of turbulent buoyant flow in aircraft cabins [FAA-CT-82-61] p 319 N83-22170

Fire containment characteristics of aircraft class D cargo compartments [FAA-CT-82-158] p 509 N83-27968

Assessment of correlations between laboratory and full-scale experiments for the FAA (Federal Aviation Administration) Aircraft Fire Safety Program Part 6 Reduced-scale modeling of compartments at atmosphere pressure [PB83-193052] p 721 N83-34927

**FIRING (IGNITING)**

A dynamic model of turbojet in starting at high altitude p 447 N83-35846

The criteria used for assessing acceptable engine handling on UK military aircraft p 540 N83-29244

**FISHES**

Sublethal effects of JP-4 on Lepomis macrochirus [AD-A128618] p 758 N83-35163

**FIXED WINGS**

Effects of amplitude of oscillation on the wear of dry bearings containing PTFE [ASME PAPER 81-LUB-6] p 64 A83-11942

Fixed wing and rotary wing flight testing of Navstar GPS as a civilian navigation system p 199 N83-19777

Rotorcraft convertible engine study [NASA-CR-168161] p 537 N83-27996

Fixed wing stability and control theory and flight test techniques: Revision [AD-A124610] p 546 N83-27999

A survey of serious aircraft accidents involving fatigue fracture Volume 1 Fixed-wing aircraft [NAE-AN-7] p 510 N83-29187

Angle-of-attack feedback in manual aircraft control Piloting techniques and some flight training implications p 751 N83-34954

**FLAME HOLDERS**

Further study on the prediction of liquid fuel spray capture by v-gutter downstream of a plain orifice injector under uniform cross air flow p 473 N83-35810

A study of lean extinction limit for pilot flame holder p 469 N83-35821

Coaxial dump combustor investigations p 459 N83-26791

Fuel vaporization effects p 553 N83-29214

**FLAME PROPAGATION**

A study on the hydrogen-oxygen diffusion flame in high speed flow p 296 A83-26199

Characteristics of the supersonic combustion of nonmixed gases in ducts p 758 A83-49778

**FLAME RETARDANTS**

Thermal performance of aircraft polyurethane seat cushions p 294 A83-23849

Effectiveness of seat cushion blocking layer materials against cabin fires [SAE PAPER 821484] p 507 A83-38003

The optimization of aircraft seat cushion fire-blocking layers Full Scale Test description and results [NASA-CR-166418] p 16 N83-11097

Development of lightweight, fire retardant, low smoke, thermally stable, high strength floor paneling Passenger floor panels [NASA-CR-167770] p 212 N83-13174

Development of aircraft lavatory compartments with improved fire resistance characteristics Phase 4 Sandwich panel decorative ink development [NASA-CR-166432] p 296 N83-18851

**FLAME STABILITY**

Methods for calculating the stabilization limits of a flame of inhomogeneous mixtures using a bluff body p 41 A83-11512

Semi implicit calculation method of the flow field in a duct with the flame stabilized by a step --- for aircraft engine combustion chamber design [ONERA, TP NO 1983-52] p 446 A83-35820

Experimental research of the mechanism of flame stabilization in two phase mixture p 469 A83-35822

**FLAME TEMPERATURE**

Measured and predicted soot profiles in a gas turbine combustor p 41 A83-12077

Radiation and smoke from the gas turbine combustor using heavy fuels p 234 A83-23877

**FLAMES**

Experimental study on discharge and loss coefficients of combustor swirlers p 43 N83-11042

Unsteady flow effects in combustor systems p 562 N83-29232

Effects of percentage of blockage and flameholder downstream counterbores on lean combustion limits of premixed, prevaporized propane-air mixture [NASA-TP-2227] p 746 N83-34941

**FLAMMABILITY**

The development and application of a full-scale wide-body test article to study the behavior of interior materials during a post crash fuel fire p 173 A83-18373

The survivable aircraft fire p 585 A83-43407

Rheological behavior of FM 9 solutions and correlation with flammability test results and interpretations --- fuel thickening additive p 691 A83-44856

The optimization of aircraft seat cushion fire-blocking layers Full Scale Test description and results [NASA-CR-166418] p 16 N83-11097

Antimisting kerosene atomization and flammability [NASA-CR-168385] p 211 N83-12246

An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 4 Flammability tests [PB83-113548] p 251 N83-19729

Correlation of flammability test data of antimisting fuels [FAA-CT-82-29] p 352 N83-22441

Correlation of flammability test data on antimisting fuels [AD-A127142] p 694 N83-34068

Assessment of correlations between laboratory and full scale experiments for the FAA (Federal Aviation Administration) Aircraft Fire Safety Program Part 6 Reduced-scale modeling of compartments at atmosphere pressure [PB83-193052] p 721 N83-34927

**FLANGES**

Buckling of outstanding flanges direct stresses varying linearly or parabolically [ESDU-80035] p 699 N83-33194

**FLAPPING**

Nonlinear flapping vibrations of rotating blades p 66 A83-13004

A simplified model of the influence of elastic pitch variations on the rotor flapping dynamics p 204 A83-21025

A closed-form analysis of rotor blade flap-lag stability in hover and low-speed forward flight in turbulent flow [AIAA 83-0986] p 330 A83-29864

Coupled flap-torsional response of a rotor blade in forward flight due to atmospheric turbulence excitations p 618 A83-41073

On approximating higher-order rotor dynamics in helicopter stability-derivative models [AIAA PAPER 83-2088] p 624 A83-41920

Propulsive performance of 2-dimensional thin airfoils undergoing large-amplitude pitch and plunge oscillations --- ornithopter aircraft [UTIAS-TN-226] p 180 N83-13074

**FLAPS (CONTROL SURFACES)**

Nonlinear aerodynamic modeling of flap oscillations in transonic flow A numerical validation [AIAA PAPER 81-0073] p 178 A83-15290

Flow over a biconic configuration with an afterbody compression flap A comparative numerical study [AIAA PAPER 83-1668] p 491 A83-37179

Transonic wind tunnel test on an oscillating flap [AIAA PAPER 83-2132] p 579 A83-41954

Wind tunnel force and pressure tests [NASA-CR-3439] p 190 N83-16287

Development of the flow field in streamwise corners at hypersonic speeds and effects of the corner flow on downstream fitted flaps [ESA-TT-583] p 378 N83-24480

Wind tunnel investigation of varying hinged flaps [AD-A124703] p 424 N83-25668

Design and experimental results for a flapped natural-laminar flow airfoil for general aviation applications [NASA-TP-1865] p 581 N83-30386

Graphite/Larc-160 technology demonstration segment test results [NASA-CR-172123] p 637 N83-30539

YC-15 externally blown flap noise p 652 N83-30715

Analysis of incompressible separated flow around an airfoil with a finite-gap flap p 662 N83-32745

**FLASHBACK**

High-pressure flame visualization of autoignition and flashback phenomena with liquid-fuel spray [NASA-TM-83501] p 747 N83-34948

**FLAT PLATES**

The analysis of a flat plate twist reflector Cassegrain aenal using GTD p 143 A83-18646

Thermal cycling in compact plate-fin heat exchangers --- in aircraft gas turbines p 445 A83-34253

Buckling of outstanding flanges direct stresses varying linearly or parabolically [ESDU-80035] p 699 N83-33194

**FLEXIBILITY**

Structural dynamics studies of rotating bladed-disk assemblies coupled with flexible shaft motions [AIAA PAPER 83-0919] p 392 A83-32787

**FLEXIBLE BODIES**

On the damping effect of sloshing fluid on flexible rotor systems [ASME PAPER 82-DET-140] p 65 A83-12783

On the possibility of balancing rotating flexible shafts p 180 A83-17724

Stability of two-bladed aeroelastic rotors on flexible supports p 152 A83-18387

The theory for a flexible slat p 495 A83-37810

Aircraft flexible tanks general design and installation recommendations [SAE ARP 1664] p 519 A83-38102

Pilot modeling and closed loop analysis of flexible aircraft in the pitch tracking task [AIAA PAPER 83-2231] p 621 A83-41709

A modal analysis of flexible aircraft dynamics with handling qualities implications [AIAA PAPER 83-2074] p 624 A83-41911

In situ balancing of flexible rotors using influence coefficient balancing and the unified balancing approach [ASME PAPER 83-GT-178] p 761 A83-47989

**FLEXIBLE WINGS**

Investigation of dynamic characteristics of an elastic wing due to correction of mass and stiffness matrices [AIAA PAPER 83-0653] p 150 A83-16818

Static aeroelastic analysis of flexible wings via NASTRAN, part 1 [AD-A124662] p 477 N83-26099

**FLIGHT**

Greater benefits to be gained from DoD flight simulators [AD-A123713] p 466 N83-25731

Aircraft acceleration sensitive inertia reel lock [AD-A126739] p 721 N83-34924

**FLIGHT ALTITUDE**

On the use of height rules in off-route airspace p 431 A83-35274

CAT altitude avoidance system [NASA CASE-NPO-15351-1] p 38 N83-10040

Survivability of interdiction aircraft Sensitivity to terrain following, command altitude, velocity and electronic counter measures [AD-A124870] p 443 N83-26833

Sidelooking laser altimeter for a flight simulator [NASA-CASE-ARC-11312-1] p 702 N83-34304

**FLIGHT CHARACTERISTICS**

Analytical consequences of increasing the mass of a glider p 189 A83-14617

F-104 CCV research flight test program p 215 A83-20074

Prediction of the aerodynamic loads on helicopter blades in hovering and axial flight using lifting line theory p 189 A83-21016

A unifying framework for longitudinal flying qualities criteria p 285 A83-24429

Development and validation of the V/STOL aerodynamics and stability and control manual p 312 A83-29020

Determination of horizontal tail load and hinge moment characteristics from flight data --- on Learjet Model 55 Longhorn p 383 A83-30162

The definition of short-period flying qualities characteristics via equivalent systems p 395 A83-32578

Unique flight characteristics of the AD-1 oblique-wing research airplane p 386 A83-32568

CF34 upgrades Challenger capabilities p 434 A83-35315

In-flight simulation at the U S Air Force and Naval Test Pilot Schools [AIAA PAPER 83-1078] p 436 A83-36206

Space Shuttle stability and control derivatives estimated from the first entry p 544 A83-37065

Determination of the equivalent noise level contour for a passenger jet aircraft over a place in the case of quasi-steady flight regimes p 570 A83-37535

Flight at supersonic attitudes [SAE PAPER 821469] p 544 A83-38000

Status and concerns for preferred orientation control of high performance anti-air tactical missiles [AIAA PAPER 83-2198] p 620 A83-41683

Suggested changes in large aircraft flying qualities criteria [AIAA PAPER 83-2071] p 624 A83-41908

Comparison of the Bode envelope criterion with other criteria [AIAA PAPER 83-2073] p 624 A83-41910

A modal analysis of flexible aircraft dynamics with handling qualities implications  
[AIAA PAPER 83-2074] p 624 A83-41911

Estimation of nonlinear aerodynamics from transport airplane certification maneuvers - A system identification approach  
[AIAA PAPER 83-2065] p 627 A83-43811

Ground simulation investigation of helicopter decelerating instrument approaches p 668 A83-45461

A mathematical model of a single main rotor helicopter for piloted simulation  
[NASA-TM-84281] p 48 N83-10051

Criteria for Handling Qualities of Military Aircraft  
[AD-A118596] p 48 N83-10054

Status of VTOL and VSTOL flying qualities criteria development Where are we and where are we going?  
p 49 N83-10056

Equivalent systems criteria for handling qualities of military aircraft p 49 N83-10057

Piloted handling qualities design criteria for high order flight control systems p 49 N83-10058

Gain and phase margin as a basis of longitudinal flying qualities evaluation --- fighter aircraft p 49 N83-10059

Fly by wire control Towards new norms for judging flight qualities An example The Mirage 2000 p 49 N83-10060

Effect of control system delays on fighter flying qualities p 51 N83-10073

Experience with System Identification From Tracking (SIFT) flight-test techniques at the German Air Force Flight Test Center p 51 N83-10078

Simulation for predicting flying qualities p 52 N83-10080

Stability and control of the Gossamer human powered aircraft by analysis and flight test  
[NASA-CR-3627] p 11 N83-11062

Aircraft flight procedure program Data base development  
[PB82-183740] p 175 N83-12040

Aircraft flight procedure program Modified computer program model, user's manual  
[PB82-183757] p 176 N83-12041

Flight personnel comment on experience flying new Yak-42 p 194 N83-13061

An in-flight investigation of pilot-induced oscillation suppression filters during the fighter approach and landing task  
[NASA-CR-163116] p 204 N83-13110

HP 41CV Flight Performance Advisory System (FPAS) for the E-2C, E-2B and C-2A aircraft  
[AD-A119580] p 156 N83-14118

Background information and user guide for MIL-F8785C, military specification, flying qualities of piloted airplanes  
[AD-A119421] p 156 N83-14120

A dive performance computer program  
[AD-A119407] p 156 N83-14121

In-flight investigation of large airplane flying qualities for approach and landing  
[AD-A120202] p 206 N83-16332

General purpose flight simulation program (FSPK-1) Part 1 Contents of the program  
[NAL-TR-702] p 207 N83-17529

Criteria for handling qualities of military aircraft  
[AD-A124222] p 217 N83-17555

Flying qualities of relaxed static stability aircraft, volume 1 --- flight characteristics p 333 N83-22189

[AD-A128758] p 333 N83-22189

Flying qualities of relaxed static stability aircraft, volume 2 --- flight characteristics p 333 N83-22190

[AD-A128720] p 333 N83-22190

Flight dynamics analysis and simulation of heavy lift airships Volume 1 Executive summary  
[NASA-CR-166471-VOL-1] p 344 N83-22207

Flight dynamics analysis and simulation of heavy lift airships, volume 4 User's guide Appendices  
[NASA-CR-166471-VOL-4] p 344 N83-22210

Flight dynamics analysis and simulation of heavy lift airships Volume 5 Programmer's manual  
[NASA-CR-166471-VOL-5] p 344 N83-22211

Proposed MIL standard and handbook Flying qualities of air vehicles Volume 2 Proposed MIL handbook  
[AD-A123726] p 441 N83-25704

Airworthiness and flight characteristics test Part 2 YAH-64 advanced attack helicopter  
[AD-A125270] p 442 N83-25705

A preliminary assessment of helicopter/VSTOL handling qualities specifications  
[AD-A124667] p 461 N83-25716

Helicopter performance computer programs  
[AD-A124603] p 527 N83-27981

Longitudinal flying qualities criteria for single pilot instrument flight operations p 545 N83-27997

Fixed wing stability and control theory and flight test techniques Revision  
[AD-A124610] p 546 N83-27999

Comparison of flight and wind tunnel buffeting measurements on the SAAB 105 aircraft p 604 N83-30369

Correlation aspects of analytical, wind tunnel and flight test results for a hingeless rotor helicopter p 604 N83-30373

Correlation aspects in the identification of dynamic effects using complementary techniques flight in turbulence Gust alleviation p 628 N83-30374

Aspects of correlation in the identification of dynamic effects from complimentary techniques Evolution at high angles p 628 N83-30375

Longitudinal flying qualities criteria for single-pilot instrument flight operations  
[NASA-CR-166084] p 606 N83-30407

Airworthiness and Flight Characteristics (AFC) test of YAH-64 advanced attack helicopter, Prototype Qualification Test-Government (PQT-G), Part 3 and Production Validation Test-Government (PVT-G) for handbook verification  
[AD-A130524] p 734 N83-36025

**FLIGHT CONDITIONS**

Aerodynamic penalties of heavy rain on landing airplanes p 138 A83-18403

Research on contaminated wings, current issues --- concerning icing conditions and aerodynamic effects  
[AIAA PAPER 83-0277] p 139 A83-19584

Possible improvements in meteorology for aircraft navigation p 247 A83-23373

Optimum siting of NEXRAD to detect hazardous weather at airports p 304 A83-24037

Optimal design of a baro/radio supported inertial altitude system  
[DGLR PAPER 82-041] p 269 A83-24165

Flight effects for jet airframe interaction noise  
[AIAA PAPER 83-0784] p 264 A83-25965

The CWSU A renewed effort to aid IFR pilots --- Center Weather Service Units p 408 A83-30548

Dynamics of air combat p 416 A83-36914

Generalized maximum specific range performance p 439 A83-36918

Operational aspects of Delta air lines meteorological department p 564 A83-38746

Development of low cost RVPs under Indian conditions p 600 A83-43701

Four-dimensional flight management using colour CRT displays p 681 A83-44689

Flight test experience on military aircraft engine handling p 541 N83-29248

Correlation aspects in the identification of dynamic effects using complementary techniques flight in turbulence Gust alleviation p 628 N83-30374

**FLIGHT CONTROL**

The MCP-100 - A turnkey system for implementing multivariable flight control laws p 34 A83-11101

On the certification of digital computer programs for flight safety p 2 A83-11115

Color, pictorial display formats for future fighters p 35 A83-11134

An experiment in assessment of flight control software development techniques p 71 A83-11177

Design of direct digital adaptive flight mode control systems for high-performance aircraft p 46 A83-11179

Use of the onboard simulation concept for the integrated flight and fire control program p 22 A83-11201

Dynamic characteristics of an integrated flight and fire control system p 46 A83-11208

Application of model reference adaptive control to a relaxed static stability transport aircraft p 46 A83-11209

The use of modal control to minimize errors in the analytical reconstruction of flight control sensor signals p 46 A83-11210

High speed data link concepts for military aircraft p 36 A83-11233

Advanced automatic terrain following/terrain avoidance control concepts study p 47 A83-11254

Distributed processing and fiber optic communications in air data measurement p 36 A83-11258

Air-to-air missiles - Flight test in the 80's p 29 A83-11805

A fast microprocessor communication network design for interprocessor communications for an integrated flight control system p 24 A83-11902

Individual blade control independent of a swashplate p 191 A83-16027

Effects of control saturation on the command response of statically unstable aircraft  
[AIAA PAPER 83-0065] p 168 A83-16497

Thrust reversing effects on horizontal tail effectiveness of twin-engine fighter aircraft p 149 A83-16512

The Northrop F-20 avionics mission simulator  
[AIAA PAPER 83-0142] p 171 A83-16551

Piloting techniques on the backside --- of drag curve p 169 A83-16927

Computer models cut USAF test costs p 173 A83-18274

Spin prediction techniques p 169 A83-18401

Investigation of the longitudinal motion of a flight vehicle by the method of the separation of motions p 215 A83-20144

Constrained eigenvalue/eigenvector assignment - Application to flight control systems p 215 A83-21006

Generic faults and architecture design considerations in flight-critical systems p 262 A83-24426

Fault isolation methodology for the L-1011 digital avionic flight control system p 285 A83-24427

Integration of navigation resources in modern avionics systems p 254 A83-24852

A multifunction integrated approach to providing aircraft inertial data p 254 A83-24853

The Integrated Inertial Navigation System - AN/ASN-132 p 254 A83-24855

Now is the time for new fighters p 262 A83-25137

Radio-electronic guidance systems --- Russian belief p 299 A83-25622

The Special Research Area of Flight Control, Colloquium, Brunswick, West Germany, September 9, 10, 1981, Reports p 257 A83-26476

Integrated flight path control system p 286 A83-26477

Structure and mode of operation of an interactive onboard four-dimensional flight path control system p 286 A83-26478

The research aircraft of the Special Research Area 'Flight Control' as scientific test stand p 264 A83-26484

Improved simulation of ground reflections --- of radio navigation signals for flight control p 258 A83-26486

Stochastic control and identification enhancement for the flutter suppression problem p 286 A83-26544

Integrated systems evaluated on F-15 p 322 A83-28700

Integration and flight demonstrations of the Integrated Inertial Sensor Assembly /IISA/ p 322 A83-28785

Heavy-lift airship dynamics p 340 A83-29016

Flight testing the Low Cost Inertial Guidance System p 324 A83-29210

Automation of preplanning as a means for improving quality in connection with flight operational control I p 317 A83-29372

AFTI/F-16 aeroservoelastic analyses and ground test with a digital flight control system  
[AIAA 83-0994] p 341 A83-29888

Development and test of an integrated sensory system for advanced aircraft p 390 A83-30159

In-flight simulation of a digitally implemented direct force mode --- for flight control p 395 A83-32933

Aircraft active controls - New era in design p 461 A83-35773

Indoctrination of Navy test pilots to vectored thrust flight in the X-22A in-flight simulator  
[AIAA PAPER 83-1076] p 436 A83-36205

Flight/propulsion control system integration  
[AIAA PAPER 83-1238] p 453 A83-36301

AFTI/F 111 mission adaptive wing technology demonstration program  
[AIAA PAPER 83-1057] p 438 A83-36468

Design and analysis of a digitally controlled integrated flight/fire control system p 511 A83-37063

Recursive relationships for body axis rotation rates p 570 A83-37074

One new method of dynamic flight control p 568 A83-37447

Robotic testing for digital systems --- for software in avionics and flight control systems p 568 A83-37979

[SAE PAPER 821422] p 568 A83-37979

The all electric airplane-benefits and challenges  
[SAE PAPER 821434] p 518 A83-37982

Electromechanical primary flight control activation systems for fighter/attack aircraft  
[SAE PAPER 821435] p 518 A83-37983

Flight test of the HX-1 radio-controlled hybrid airship  
[AIAA PAPER 83-1992] p 522 A83-38917

Automation of preplanning as a means for enhancing quality in operational flight control II p 509 A83-39222

A global HF telecommand system for long duration balloon flights p 514 A83-39813

Control configured vehicle as a new generation aircraft p 618 A83-40884

A summary of NASA/FAA experiments concerning helicopter IFR airworthiness criteria p 584 A83-41079

An electromechanical primary flight control actuation system for military transport aircraft  
[AIAA PAPER 83-2195] p 620 A83-41680

The Air Force ejection seat as a vehicle for digital flight control  
[AIAA PAPER 83-2205] p 596 A83-41689

- Integrated task-tailored control augmentation synthesis  
— for multi-axis air-to-air tracking  
[AIAA PAPER 83-2215] p 620 A83-41897
- An integrated maneuver enhancement and gust alleviation mode for the AFTI/F-111 MAW aircraft  
[AIAA PAPER 83-2217] p 620 A83-41699
- Aeroelastic interactions with flight control (A survey paper)  
[AIAA PAPER 83-2218] p 621 A83-41700
- Hovering limit cycles - A man-in-the-loop approach  
[AIAA PAPER 83-2232] p 621 A83-41710
- Handling qualities criteria for STOL flight path control for approach and landing  
[AIAA PAPER 83-2106] p 625 A83-41935
- Divergence suppression system for a forward swept wing configuration with wing-mounted stores  
[AIAA PAPER 83-2125] p 625 A83-41949
- Phoenix GCS - Some considerations which influence the design of computer assisted ground control stations for RPV  
p 592 A83-43714
- Nonlinear control law for piloting aircraft in the air-to-ground attack phase  
[ONERA, TP NO 1983-37] p 687 A83-44315
- Experience with flight test trajectory guidance  
p 675 A83-45470
- Integrated flight and propulsion operating modes for advanced fighter engines  
[ASME PAPER 83-GT-194] p 742 A83-47999
- F-14 aircraft and propulsion control integration evaluation  
[ASME PAPER 83-GT-234] p 744 A83-48029
- Bucking the current — electric actuators for V/STOL aircraft  
p 729 A83-48887
- Integrated flight/propulsion control system architectures for a high speed aircraft  
[AIAA PAPER 83-2563] p 748 A83-49595
- Integrated control system concept for high-speed aircraft  
[AIAA PAPER 83-2564] p 751 A83-50074
- The simulation study on a redundant flight control system  
p 3 N83-10014
- An integrated user-oriented laboratory for verification of digital flight control systems Features and capabilities  
[NASA-TM-84276] p 47 N83-10048
- Present status of flying qualities criteria for conventional aircraft — military specifications transfer functions  
p 48 N83-10055
- Flight experiments with integrated isometric side-arm controllers in a variable stability helicopter  
p 50 N83-10068
- Effect of control system delays on fighter flying qualities  
p 51 N83-10072
- Advanced flight control design techniques and handling quality requirements  
p 51 N83-10075
- Analyzing the role of closed loop systems for a subsonic aircraft with reduced longitudinal stability  
p 51 N83-10076
- Predictor symbology in computer-generated pictorial displays  
[NASA-CR-169441] p 72 N83-10803
- Sensitivity analysis of helicopter IMC decelerating steep approach and landing performance to navigation system parameters  
[NASA-CR-166412] p 27 N83-11102
- Application of output predictive algorithm control to a terrain following aircraft system  
[AD-A118038] p 27 N83-11105
- Gain selection method and model for coupled propulsion and airframe systems  
[NASA-TP-2067] p 52 N83-11139
- Design of a helicopter autopilot by means of linearizing transformations  
[NASA-TM-84295] p 52 N83-11140
- Design and Analysis of a multivariable, digital controller for the A-7D Digitaic 2 aircraft and the development of an interactive computer design program  
[AD-A118134] p 53 N83-11144
- Aeronautics research and technology program and specific objectives  
[NASA-TM-85163] p 176 N83-13059
- Control logic for landing-abort autopilot mode  
[UTIAS-258] p 204 N83-13111
- Analysis and modeling of information handling tasks in supervisory control of advanced aircraft  
[AD-A119067] p 205 N83-13116
- Programming of a trajectory control calculator for calculation, manipulation and description of 4D flight trajectories  
[TUBS/FB-81-08-01] p 206 N83-13119
- Application of advanced speech technology in manned penetration bombers  
[AD-A119274] p 219 N83-13344
- Design and construction of a flexible autonomous electronic display device  
[TUBS/FB-80-12-02] p 221 N83-13824
- Evaluation of TCAS 2 in an air carrier environment  
p 148 N83-14092
- Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 2 Program plan, test data and analysis  
[AD-A119704] p 155 N83-14117
- Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 1 Summary  
[AD-A119406] p 156 N83-14122
- Advanced Flight Control Actuation System (AFCAS -E/P) Fabrication and design verification testing of a dual mode electro/pneumatic actuator for the T-2C aircraft  
[AD-A119627] p 170 N83-14138
- Digital flight control system validation technology assessment  
[NASA-CR-166374] p 170 N83-15315
- Advanced flight control system study  
[NASA-CR-163120] p 170 N83-15316
- An on-board near-optimal climb-dash energy management  
[NASA-CR-169755] p 205 N83-16329
- In-flight investigation of large airplane flying qualities for approach and landing  
[AD-A120202] p 206 N83-16332
- Aerospace safety advisory panel  
[NASA-TM-85220] p 248 N83-18697
- Design, development, and flight test of a demonstration advanced avionics system  
[NASA-TM-84323] p 270 N83-18721
- Digital systems technical analysis  
[ARINC-1469-01-1-2804] p 271 N83-18724
- Design criteria for the future of flight controls  
[AD-A121423] p 289 N83-19759
- A modular approach to high reliability software generation with application to nonlinear control  
p 363 N83-22104
- Flight control system design using robust output observers  
p 343 N83-22105
- Ground and flight testing on the fly-by-wire Jaguar equipped with a full time quadruplex digital integrated flight control system  
p 343 N83-22111
- Software verification of a civil avionics AHR system  
p 364 N83-22138
- Dissimilar software in high integrity applications in flight controls  
p 343 N83-22143
- Flying qualities of relaxed static stability aircraft, volume 1 — flight characteristics  
[AD-A128758] p 333 N83-22189
- Flying qualities of relaxed static stability aircraft, volume 2 — flight characteristics  
[AD-A128720] p 333 N83-22190
- Technology research for digital flight control  
[NASA-CR-170194] p 336 N83-22197
- Flight dynamics analysis and simulation of heavy lift airships Volume 2 Technical manual  
[NASA-CR-166471-VOL-2] p 344 N83-22208
- Simulator investigation plan for digital flight controls validation technology  
[NASA-CR-166427] p 345 N83-22214
- Trends in software reliability for digital flight control  
[NASA-CR-166456] p 411 N83-24194
- Digital system upset. The effects of simulated lightning-induced transients on a general-purpose microprocessor  
[NASA-TM-84652] p 411 N83-24212
- Application of Calspan pitch rate control system to the Space Shuttle for approach and landing  
[NASA-CR-170402] p 397 N83-24513
- Real time digital integration and integral step size for flight control and flight simulation  
[NAL-TR-743] p 397 N83-24514
- Integrated assurance assessment of a reconfigurable digital flight control system  
[NASA-CR-170281] p 397 N83-24515
- Digital flight control system validation  
[AD-A124508] p 462 N83-26847
- High-gain error actuated flight control systems for continuous linear multivariable plants  
[AD-A124871] p 462 N83-26848
- Fixed wing stability and control theory and flight test techniques. Revision  
[AD-A124610] p 548 N83-27999
- The high angle of attack behavior of a combat aircraft: Correlation between prediction and flight — Mirage 2000 aircraft  
p 604 N83-30387
- The use of free-flight models for the prediction of departure control  
p 593 N83-30368
- Digital system upset: The effects of simulated lightning-induced transients on a general purpose microprocessor  
p 651 N83-31233
- Design of a multivariable tracker control law for the A-7D Digitaic 2 aircraft  
[AD-A127440] p 629 N83-31607
- A lateral-directional controller for high-angle-of-attack flight  
[AD-A128579] p 630 N83-31609
- A summary and integration of research concerning single pilot IFR operational problems  
[NASA-CR-3716] p 668 N83-32783
- Aircraft body-axis rotation measurement system  
[NASA-CASE-FRC-11043-1] p 682 N83-33882
- Correction and improvement of CARE 3 Version 3  
[NASA-CR-166122] p 705 N83-34591
- Analytic redundancy management for flight control sensors  
p 751 N83-34900
- New flight control technologies for future naval aircraft  
[AD-A128624] p 751 N83-34955
- Effect of lead-aircraft ground-speed on self-spacing performance using a cockpit display of traffic information  
[NASA-TP-2194] p 738 N83-36028
- A piloted simulator investigation of side-stuck controller/stability and control augmentation system requirements for helicopter visual flight tasks  
[NASA-CR-172852] p 754 N83-36041
- ### FLIGHT CREWS
- Preliminary overview analyses of U S Navy Aircrew Automated Escape Systems /AAES/ in-service usage data  
p 182 A83-15405
- Preliminary analyses of flail, windblast and tumble problems and injuries associated with usage of U S Navy Aircrew Automated Escape Systems /AAES/  
p 183 A83-15407
- U S Navy Aircrew Automated Escape Systems /AAES/ In-Service Data Analysis program  
p 183 A83-15408
- An option for enhanced aircrew survivability  
p 183 A83-15409
- Design and development of Cartridge Actuated Device /CAD/ primer  
p 209 A83-15433
- Development and testing of a microwave radiometric vertical sensor for application to a vertical seeking aircrew escape system  
p 195 A83-15437
- VOR/DME automated station selection algorithm  
p 321 A83-28597
- Airline safety and labor relations law - Balancing rights and responsibility  
p 484 A83-34475
- Aircraft cabin safety staffing standards  
[H-REPT-97-394] p 15 N83-11093
- Aircraft cabin safety staffing standards  
[GPO-77-969] p 16 N83-11094
- Preliminary development of the XV (Ex-Vee) aircrew restraint  
[AD-A118991] p 139 N83-14079
- USAF Environmental Noise Data Handbook Volume 150 C-140 in-flight crew noise  
[AD-A120508] p 238 N83-17246
- USAF Bioenvironmental Noise Data Handbook Volume 152 C-12A in-flight crew noise  
[AD-A120509] p 238 N83-17247
- Aircraft acceleration sensitive inertia reel lock  
[AD-A122208] p 250 N83-19723
- A prototype model for the development of training systems and the acquisition of aircrew training devices for developing weapon systems  
[AD-A123041] p 401 N83-23331
- Summary Proceedings of a Wind Shear Workshop  
[NASA-CP-2270] p 410 N83-25265
- Water survival 20 years Canadian Forces aircrew experience  
[AD-A125401] p 509 N83-27969
- Investigation of crew restraint system biomechanics  
[AD-A126199] p 510 N83-29190
- Computer Aided System for Developing Aircrew Training (CASDAT)  
[AD-A128530] p 633 N83-31615
- Centrifuge tests of modifications to the MA-2 aircrewman torso harness, phase 1  
[AD-A126416] p 669 N83-33860
- ### FLIGHT FATIGUE
- Pilot fatigue - A deadly cover-up — Book  
p 248 A83-24901
- ### FLIGHT HAZARDS
- In-flight lightning data measurement system for fleet application - Flight test results  
p 29 A83-11087
- First stage propulsion for the maximum performance ejection system  
p 190 A83-15421
- Remote sensing of problem birds in aviation  
p 196 A83-21876
- Management of bird problem in Indian airlines  
p 196 A83-21877
- Bird strikes to aircraft and associated hazards and problems regarding the safety of aircraft operations  
p 196 A83-21878
- Laser and millimeter-wave backscatter of transmission cables  
p 199 A83-22523
- Optimum siting of NEXRAD to detect hazardous weather at airports  
p 304 A83-24037
- 'Scaling' analysis of the ice accretion process on aircraft surfaces  
[ASME PAPER 82-WA/HT-39] p 248 A83-25693

Conflict recognition and collision probability in connection with horizontal evasion maneuvers

- p 248 A83-26481
- The design of wind shear filters p 286 A83-26483
- Radar detection of low level wind shear affecting aircraft terminal navigation p 322 A83-28784
- Application of VAS multispectral imagery to aviation forecasting --- VISSR Atmospheric Sounder for GOES satellites p 408 A83-30561
- Short-range prediction of mesoscale windfields p 409 A83-30567
- Numerical simulation of the atmosphere during a CAT encounter p 565 A83-38764
- CAT detection and forecasting using operational NMC analysis data p 566 A83-38765
- The survivable aircraft fire p 585 A83-43407
- Airports as a threat to public safety --- Book p 668 A83-46420

- Wind shear - A danger for flight p 766 A83-48225
- Microphysical influences on aircraft icing p 720 A83-49722

Direct lightning strikes to aircraft [AD-A118075] p 16 N83-11100

NASA Lewis Research Center's Program on Icing Research [NASA-TM-830311] p 139 N83-14078

Flight in low-level wind shear [NASA-CR-3678] p 362 N83-21711

Scanning strategies for next generation weather radars A study based on lifetimes of convective atmospheric phenomena hazardous to aviation [FAA-RD-82-69] p 476 N83-25929

Aircraft lightning-induced voltage test technique developments [NASA-CR-170403] p 442 N83-26829

Weather hazard simulation in the Modane wind-tunnels [NASA-TM-77069] p 631 N83-30438

A realistic approach to aircraft lightning protection p 586 N83-31190

Atmospheric electricity threat definition for aircraft lightning protection p 586 N83-31192

Lightning interaction with USAF aircraft p 587 N83-31214

#### FLIGHT INSTRUMENTS

Holographic HUDs de-mystified p 35 A83-11171

A cost effective approach to design evaluation of advanced system display switchology p 71 A83-11200

Secondary air data measurement technology --- pressure transducers for RPVs, drones, cruise missiles and fighter backup systems p 36 A83-11261

The complete book of cockpits p 37 A83-11575

Mass-produced laser gyros p 63 A83-11628

Advanced P-3 flight station studies p 195 A83-15429

Simulator studies to develop and improve flight attitude information p 197 A83-16334

Avionics analyzed III - The hidden sensors p 512 A83-38471

A history of electronic flight instruments - through tomorrow p 608 A83-41532

Method of thermodynamic function control and of damage analysis regarding aircraft engines with the aid of flight data recording systems --- German thesis p 613 A83-41850

Military systems acceptance criteria --- for digital avionic systems p 657 A83-45844

General aviation goes digital - Many advantages, but some problems p 735 A83-48640

Flight testing operations procedure [AD-A116984] p 26 N83-10030

Evaluating the use of electronic flight instrument systems in general aviation aircraft [AD-A118604] p 198 N83-12083

Evaluation of TCAS 2 in an air carrier environment p 146 N83-14092

Simulator study of a flight director display [NASA-TM-84581] p 271 N83-19748

New flight control technologies for future naval aircraft [AD-A128624] p 751 N83-34955

#### FLIGHT MECHANICS

The fundamental geometrical and aerodynamic characteristics of aircraft and rockets --- Russian book p 7 A83-10669

Fundamentals of flight --- Book p 371 A83-30152

Recursive relationships for body axis rotation rates p 570 A83-37074

Balloon materials and designs p 524 A83-39806

Interception in three dimensions - An energy formulation [AIAA PAPER 83-2121] p 597 A83-41946

Separation of time scales in aircraft trajectory optimization [AIAA PAPER 83-2136] p 597 A83-41958

Energy state revisited --- for minimum-time aircraft climbs

[AIAA PAPER 83-2138] p 598 A83-41960

Universities - Have they a role in aeronautical research? Flight mechanics, avionics and space p 575 A83-42619

The Open Loop Gust Alleviation system OLGA [BMFT-FB-W-82-030] p 397 N83-23319

Acceleration factors for climb and descent rates at constant EAS, CAS, M [ESDU-81046] p 678 N83-32792

#### FLIGHT OPERATIONS

Sky Hook to help ships launch Harrier p 206 A83-13575

Loran-C RNAV - The best near-term solution to air operations in northeastern North America p 144 A83-18822

Fuel savings in air transport p 138 A83-19150

Noise-reducing takeoff and landing procedures and the potential for their operational use in the Airbus A300 [DGLR PAPER 82-032] p 247 A83-24158

C-141 operations in Operation Bright Star 82 p 317 A83-29203

Flight operations A study of flight deck management --- Book p 428 A83-33767

Operational flight program development with a higher order language p 363 N83-22125

#### FLIGHT OPTIMIZATION

Optimization of variable-altitude flyback maneuvers --- for rocket-propelled lifting vehicles [AIAA PAPER 83-0282] p 149 A83-16627

Maximum endurance and maximum penetration trajectories for horizontal gliding flight [AIAA PAPER 83-0283] p 150 A83-16628

Possible improvements in meteorology for aircraft navigation p 247 A83-23373

New on board equipments / PMS, FMS/ and the ATC system - Evolution or revolution p 269 A83-24859

Energy conservation in air transportation - The Canadian Air Traffic Control Effort p 318 A83-29393

Advanced navigation systems and fuel conservation p 428 A83-33545

Optimal turning climb-out and descent of commercial jet aircraft [SAE PAPER 821468] p 519 A83-37999

The effects of non-linear kinematics in optimal evasion p 650 A83-40674

Flight management systems - What are they and why are they being developed? [AIAA PAPER 83-2235] p 621 A83-41712

Optimal symmetric flight with an intermediate vehicle model [AIAA PAPER 83-2238] p 596 A83-41715

Flight software for optimal trajectories in transport aircraft [AIAA PAPER 83-2241] p 591 A83-41718

4 D fuel-optimal guidance in the presence of winds [AIAA PAPER 83-2242] p 592 A83-41719

The optimal evasive maneuver of a fighter against proportional navigation missiles [AIAA PAPER 83-2139] p 626 A83-41961

Optimal short range trajectories for helicopters [AIAA PAPER 83-2140] p 598 A83-41962

Subsonic airplane configurations for maximum range for endurance [AIAA PAPER 83-2536] p 729 A83-48370

Wing extensions for improving climb performance [AIAA PAPER 83-2556] p 729 A83-48375

Generalized flight optimization equations for commercial aircraft p 732 A83-50135

#### FLIGHT PATHS

Estimation of aircraft fuel consumption p 29 A83-10186

A nonlinear smoothing procedure for the reconstruction of flight trajectories on the basis of radar data p 185 A83-14494

Novel airborne technique for aircraft noise measurements above the flight path p 222 A83-15316

The maneuvering flight path display - An update p 196 A83-16130

Piloting techniques on the backside --- of drag curve p 169 A83-16927

Automation of on-board flightpath management p 215 A83-21002

Analysis of target coverage for an unstabilized 35 mm panoramic strike camera p 231 A83-22596

An integrated multisensor aircraft track recovery system for remote sensing p 257 A83-26266

Integrated flight path control system p 286 A83-26477

Structure and mode of operation of an interactive onboard four-dimensional flight path control system p 286 A83-26478

Analysis of in-trail following dynamics of CDTI-equipped aircraft --- Cockpit Displays of Traffic Information p 390 A83-30161

Computer model of a collision-avoidance system for air traffic control p 431 A83-35275

All weather heliports and airway system - The future need p 463 A83-36073

The COMPAS system for more efficient approach traffic --- for aircraft p 513 A83-39345

Optimal symmetric flight with an intermediate vehicle model [AIAA PAPER 83-2238] p 596 A83-41715

Vertical flight path and speed control autopilot design using total energy principles p 622 A83-41716

[AIAA PAPER 83-2239] p 622 A83-41716

Handling qualities criteria for STOL flight path control for approach and landing p 625 A83-41935

[AIAA PAPER 83-2106] p 625 A83-41935

Flight path/nose pointing - A required criterion in future fighter aircraft design [AIAA PAPER 83-2123] p 597 A83-41948

Aircraft trajectories for reduced noise impact p 667 A83-43971

Flight frequency determination p 668 A83-46776

Application of optimal control synthesis to integrated vertical flight path and airspeed control for an advanced fighter [AIAA PAPER 83-2560] p 751 A83-49594

Handling qualities aspects of CTOL aircraft with advanced flight controls p 50 N83-10064

Aircraft flight procedure program Data base development [PB82-183740] p 175 N83-12040

Aircraft flight procedure program Modified computer program model, user's manual [PB82-183757] p 176 N83-12041

Computer Aided Mission Planning System (CAMPS) [AD-A118567] p 221 N83-12895

An improved technique for altitude tracking of aircraft [AD-A118899] p 188 N83-13090

Programming of a trajectory control calculator for calculation, manipulation and description of 4D flight trajectories [TUBS/FB-81-08-01] p 206 N83-13119

A dive performance computer program [AD-A119407] p 156 N83-14121

Conflict monitoring analysis of parallel opposite direction routes, volume 2 [AD-A120187] p 202 N83-16323

Optimal short-range trajectories for helicopters [NASA-TM-84303] p 187 N83-17451

Minimum-fuel turning climbout and descent guidance of transport jets [NASA-TM-84289] p 217 N83-17552

General basic concepts for a trajectory simulation of a guided missile [PML-1981-36] p 221 N83-17574

Optimal feedback strategies for pursuit-evasion and interception in a plane [NASA-TM-84311] p 288 N83-18745

The influence of helicopter operating conditions on rotor noise characteristics and measurement repeatability [AD-A121426] p 310 N83-20707

Methods for generating aircraft trajectories [AD-A122386] p 331 N83-20936

Minimum operational performance standards for airborne area navigation equipment using VOR/DME reference facility sensor inputs [RTCA/DO-180] p 325 N83-22175

An interactive bombing mission simulation with computer graphics interface [AD-A124661] p 481 N83-26637

Positioning of jamming aircraft using the integrated refractive effects prediction system [AD-A125644] p 560 N83-28308

Minimum noise impact aircraft trajectories p 515 N83-29191

Measurements of air tanker drop conditions during firefighting operations [PB83-157883] p 529 N83-29203

OPTIM Computer program to generate a vertical profile which minimizes aircraft fuel burn or direct operating cost. User's guide [NASA-CR-166061] p 569 N83-30061

Installation, validation and flight evaluation of the Federal Aviation Administration's head-up display system [NASA-TM-85255] p 610 N83-30412

Flight directors for STOJ aircraft [NASA-CR-166517] p 593 N83-31590

Simplified forms of performance equations [ESDU-80032] p 677 N83-32788

Acceleration factors for climb and descent rates at constant EAS, CAS, M [ESDU-81046] p 678 N83-32792

## SUBJECT INDEX

- A study of lateral flight path perturbations of STOL aircraft in the planetary boundary layer  
[UTIAS-TN-240] p 679 N83-33877
- Optimal periodic control  
[AD-A130114] p 752 N83-36037
- ### FLIGHT PLANS
- Operational aspects of Delta air lines meteorological department p 564 A83-38746
- Meteorological data requirements for fuel efficient flight p 565 A83-38760
- The Air Force Global Weather Central computer flight planning system p 565 A83-38761
- Computer Aided Mission Planning System (CAMPS) [AD-A118567] p 221 N83-12895
- Airborne flight trajectory planning as a new pilot task [TUBS/FB-82-04-01] p 206 N83-13121
- Flight preparation and planning p 188 N83-17462
- A practical economic criterion for fuel conservation p 239 N83-17468
- ### FLIGHT RECORDERS
- Flight data recorders - An investigator's tool p 681 A83-44877
- Analysis of general aviation accidents using ATC radar records p 719 A83-48218
- The engineering investigation of aircraft accidents p 198 N83-17497
- Operational engine usage p 540 N83-29246
- A portable physiological data recorder using magnetic bubble memory [AD-A127304] p 646 N83-30997
- Operating instructions manual for Microprocessor Airborne Data Acquisition and Replay (MADAR) module [AD-A128558] p 648 N83-32031
- ### FLIGHT SAFETY
- On the certification of digital computer programs for flight safety p 2 A83-11115
- An experiment in assessment of flight control software development techniques p 71 A83-11177
- Existing time limit for overwater operations - Its validity p 189 A83-13170
- Human factors dilemmas in the quest for aviation safety p 183 A83-15423
- A proposed simple and safe aircraft take-off or landing procedure with wing roughness or protuberances [AIAA PAPER 83-0604] p 153 A83-19594
- Microlights - The state of the art p 241 A83-23685
- Increasing flight safety under shear wind conditions by modifying thrust regulation systems and existing cockpit instrumentation [DGLR PAPER 82-033] p 284 A83-24159
- Aircraft separation assurance - Systems design p 255 A83-24863
- Viewpoints on selection of collision avoidance systems p 256 A83-24874
- Pilot fatigue - A deadly cover up --- Book p 248 A83-24901
- Airline safety and labor relations law - Balancing rights and responsibility p 484 A83-34475
- On the use of height rules in off-route airspace p 431 A83-35274
- Space-station crew-safety requirements p 467 A83-36408
- Flight tests of tow wire forces while flying a racetrack pattern p 439 A83-36919
- Operational aspects of Delta air lines meteorological department p 564 A83-38746
- Wakes from arrays of buildings --- flight safety p 558 A83-38766
- Safety in the skies p 584 A83-41467
- Undetectable critical defects in safety-of-flight structure p 641 A83-42544
- Third Symposium on Traffic Alert and Collision Avoidance Systems (TCAS) [FAA-RD-82-75] p 144 N83-14080
- TCAS program p 145 N83-14081
- Status of Mode S implementation p 145 N83-14082
- TCAS 2 operational doctrine p 145 N83-14083
- Comparison of TCAS 1 passive and active transponder detectors p 145 N83-14084
- Aircraft traffic in the Los Angeles basin as related to TCAS requirements p 145 N83-14085
- Surveillance techniques for minimum TCAS 2 p 145 N83-14086
- Validation of minimum TCAS 2 surveillance performance p 145 N83-14087
- Enhanced TCAS 2 p 145 N83-14088
- Wakes from arrays of buildings --- flight safety [NASA-CR-170666] p 183 N83-14430
- National Airspace System Plan, facilities, equipment and associated development p 402 N83-24521
- Flight systems safety program [DE82-021833] p 413 N83-25529
- Lightning strikes to aircraft of the German Federal Armed Forces p 586 N83-31193
- Flight-systems safety program [DE83-001916] p 653 N83-32575

- Proceedings Sixth Annual Workshop on Meteorological and Environmental Inputs to Aviation Systems [NASA-CP-2274] p 658 N83-33827
- NASA's aviation safety meteorology research programs p 668 N83-33829
- Potential fuel savings of specific ATC system improvements [AD-A126449] p 669 N83-33861
- ### FLIGHT SIMULATION
- Improved g-cueing system --- for motion simulation in combat pilot training simulators p 53 A83-10178
- Investigation of constant turn-rate dynamics models in filters for airborne vehicle tracking p 71 A83-11190
- A new use for NWC's wind machine - Parachute testing p 207 A83-15309
- A new concept for aircraft dynamic stability testing p 203 A83-15310
- Cross-coupling between longitudinal and lateral aircraft dynamics in a spiral dive p 203 A83-15312
- Flight simulation - Avionic systems and aero medical aspects, Proceedings of the International Conference, London, England, April 6, 7, 1982 p 175 A83-16326
- Simulation of a terrain following system p 186 A83-16333
- Simple CIG - An approach to visual simulation for procedure training --- Computer Image Generation p 207 A83-16335
- Improving the data base generation process for flight simulator data bases [AIAA PAPER 83-0138] p 171 A83-16547
- Assessment of advanced fighter powered approach simulations [AIAA PAPER 83-0141] p 168 A83-16550
- Measurement of the frequency response of a digital autopilot [AIAA PAPER 83-0326] p 176 A83-16655
- Radio Technical Commission for Aeronautics, Technical Symposium and Annual Assembly Meeting, Washington, DC, November 18-20, 1981, Proceedings p 127 A83-17301
- Boeing gains real-time flight data p 172 A83-18270
- Computer models cut USAF test costs p 173 A83-18274
- The analysis of operational stresses --- on aircraft during flight p 181 A83-18596
- Effective aerodynamic parameter evaluation from free flight tests p 203 A83-21005
- Dynamic stability of a buoyant quad-rotor aircraft p 216 A83-22160
- Researchers study methods to combat effects of wind shear p 196 A83-22175
- Pilot task profiles, human factors, and image realism p 219 A83-22836
- A simulation model for the analysis of the dynamic behavior of a helicopter rotor under nonstationary limit flight conditions p 204 A83-23220
- The simulation of fatigue loads in aeronautics p 219 A83-23241
- Computer generated cockpit engine displays p 269 A83-26309
- A compact inflow control device for simulating flight fan noise [AIAA PAPER 83-0680] p 365 A83-28005
- Helicopter flight testing, simulation and real-time analysis p 328 A83-29391
- In-flight simulation of a digitally implemented direct force mode --- for flight control p 395 A83-32933
- The United States Air Force and the use of in-flight simulation p 388 A83-32937
- An algorithm of flight simulation on a dynamic stand of support type p 462 A83-34429
- Propulsion system simulation technique for scaled wind tunnel model testing p 463 A83-35850
- Flight Simulation Technologies Conference, Niagara Falls, NY, June 13 15, 1983, Collection of Technical Papers p 415 A83-36203
- Indoctrination of Navy test pilots to vectored thrust flight in the X-22A in-flight simulator [AIAA PAPER 83-1076] p 436 A83-36205
- In-flight simulation at the U S Air Force and Naval Test Pilot Schools [AIAA PAPER 83-1078] p 436 A83-36206
- Sinusoidal integration for simulation of second-order systems [AIAA PAPER 83-1086] p 480 A83-36210
- Spectral decontamination of a real-time helicopter simulation [AIAA PAPER 83-1087] p 436 A83-36211
- Analysis of a real-time application [AIAA PAPER 83-1088] p 480 A83-36212
- Error sources in hybrid computer based flight simulation [AIAA PAPER 83-1090] p 436 A83-36214
- Use of flight test results to improve the flying qualities simulation of the B-52H weapon system trainer [AIAA PAPER 83-1091] p 437 A83-36215

## FLIGHT SIMULATION

- Real time simulation of mission environments for avionics systems integration [AIAA PAPER 83-1097] p 463 A83-36217
- The man-vehicle systems research facility - A new NASA aeronautical R & D facility [AIAA PAPER 83-1098] p 463 A83-36218
- Data base considerations for a tactical environment simulation [AIAA PAPER 83-1099] p 463 A83-36219
- Ejector nozzle test results at simulated flight conditions for an advanced supersonic transport propulsion system [AIAA PAPER 83-1287] p 454 A83-36323
- Dynamics of air combat p 416 A83-36914
- Piloted simulation of hover and transition of a vertical attitude takeoff and landing aircraft p 516 A83-37064
- An assessment of flow-field simulation and measurement [AIAA PAPER 83-1721] p 555 A83-37210
- A six-degree of freedom heavy lift airship flight simulation [AIAA PAPER 83-1988] p 522 A83-38914
- An atmospheric sounding balloon with ballast - An automatic numerical model for its manufacture and simulation of its evolution p 524 A83-39804
- JT9D performance deterioration results from a simulated aerodynamic load test p 612 A83-41040
- The effects of engine and height-control characteristics on helicopter handling qualities p 619 A83-41078
- A summary of NASA/FAA experiments concerning helicopter IFR airworthiness criteria p 584 A83-41079
- Adaptive control of variable flow ducted rockets [AIAA PAPER 83-2202] p 595 A83-41686
- Pilot modeling and closed-loop analysis of flexible aircraft in the pitch tracking task [AIAA PAPER 83-2231] p 621 A83-41709
- Status of the development of handling criteria for VSTOL transition [AIAA PAPER 83-2103] p 624 A83-41932
- New flying qualities criteria for relaxed static longitudinal stability [AIAA PAPER 83-2104] p 625 A83-41933
- Comparison of fixed-base and in-flight simulation results for lateral high order systems [AIAA PAPER 83-2105] p 625 A83-41934
- Poststall flight in close combat [AIAA PAPER 83-2120] p 625 A83-41945
- Aeroservoelasticity in the time domain --- for YF-16 aircraft p 687 A83-43965
- Development of terrain-following displays for the tornado aircraft p 680 A83-44687
- Ground simulation investigation of helicopter decelerating instrument approaches p 668 A83-45461
- Studies concerning model technology in the European Transonic Wind Tunnel (ETW) p 752 A83-47197
- Added fluid mass and the equations of motion of a parachute p 715 A83-48145
- An analysis of airline landing flare data based on flight and training simulator measurements [NASA-CR-166404] p 47 N83-10047
- A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 1 Technical discussion and results [NASA-TM-84258-PT-1] p 48 N83-10049
- A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 2 Supporting data [NASA-TM-84258-PT-2] p 48 N83-10050
- A mathematical model of a single main rotor helicopter for piloted simulation [NASA-TM-84281] p 48 N83-10051
- Handling qualities of transports with advanced flight control systems p 49 N83-10061
- Simulation for predicting flying qualities p 52 N83-10080
- An optimal control model approach to the design of compensators for simulator delay [NASA-CR-3604] p 32 N83-11113
- Tone-excited jet Theory and experiments [NASA-CR-3538] p 222 N83-12968
- Helicopter simulation validation using flight data [NASA-TM-84291] p 204 N83-13112
- A set of flight dynamic equations for aircraft simulation [AD-A119543] p 175 N83-14143
- Performance measures for aircraft carrier landings as a function of aircraft dynamics [AD-A120473] p 206 N83-16334
- General purpose flight simulation program (FSPK-1) Part 1 Contents of the program [NAL-TR-702] p 207 N83-17529
- A control model for maneuvering flight for application to a computer flight testing program [NLR-MP-81046-U] p 207 N83-17531
- Pursuit rotor tracking performance in conjunction with extended flight operations in a helicopter simulator [AD-A119237] p 293 N83-18772

Tone generation by rotor-downstream strut interaction  
[NASA-TM-83330] p 283 N83-19754  
Simulation fidelity and numerosity effects in CDTI  
experimentation  
[NASA-CR-166459] p 358 N83-21209  
Flight in low-level wind shear  
[NASA-CR-3678] p 362 N83-21711  
Simulator investigation plan for digital flight controls  
validation technology  
[NASA-CR-166427] p 345 N83-22214  
A simulation study of crew performance in operating  
an advanced transport aircraft in an automated terminal  
area environment  
[NASA-TM-84610] p 382 N83-24490  
Greater benefits to be gained from DoD flight  
simulators  
[AD-A123713] p 466 N83-25731  
An interactive bombing mission simulation with computer  
graphics interface  
[AD-A124661] p 481 N83-26637  
A compact inflow control device for simulating flight fan  
noise  
[NASA-TM-83349] p 482 N83-26643  
Research and analysis of head-directed area-of-interest  
visual system concepts  
[NASA-CR-166480] p 467 N83-26849  
A conceptual framework for using Doppler radar  
acquired atmospheric data for flight simulation  
[NASA-TP-2192] p 526 N83-27977  
Flight and simulation test analysis system  
[AD-A125614] p 528 N83-27986  
Variable acuity remote viewing system flight  
demonstration  
[NASA-CR-170404] p 531 N83-29204  
Experimental aerodynamic facilities of the Aerodynamics  
Research and Concepts Assistance Section  
[AD-A126272] p 549 N83-29274  
Ground/Flight Test Techniques and Correlation  
[AD-A129433] p 576 N83-30357  
Helicopter simulation validation using flight data  
p 631 N83-30372  
Numerical Aerodynamic Simulation (NAS)  
[NASA-TM-84386] p 652 N83-32397  
A comparison of audio, visual and tactile warning devices  
in a simulated flight environment  
[AD-A128200] p 669 N83-33862  
A piloted simulator investigation of side-stick  
controller/stability and control augmentation system  
requirements for helicopter visual flight tasks  
[NASA-CR-172852] p 754 N83-36041

**FLIGHT SIMULATORS**  
Sensor snap and narrow field-of-view inset for terrain  
avoidance flight p 36 A83-11188  
Flight simulator display capability significantly  
advanced p 37 A83-12935  
Characteristics of flight simulator visual systems  
p 207 A83-16331  
Simulator studies to develop and improve flight attitude  
information p 197 A83-16334  
Colour flight deck displays p 197 A83-16336  
AOI displays in simulation --- Area Of Interest  
p 197 A83-16337  
'A total G-force environment dynamic flight simulator' -  
A new dimension in flight simulation  
[AIAA PAPER 83-0139] p 171 A83-16548  
The Northrop F-20 avionics mission simulator  
[AIAA PAPER 83-0142] p 171 A83-16551  
DC-9 Super 80 digital flight guidance system simulation  
techniques for certification p 141 A83-17305  
Rockwell B-1B design to be studied in new cab  
p 173 A83-18271  
Real-time scenarios aid McDonnell weapons work  
p 173 A83-18272  
Ames expands rotorcraft capability  
p 173 A83-18273  
An optimal control approach to the design of moving  
flight simulators p 218 A83-19949  
Realistic 'feel' in flight simulators is based on precise  
control loading p 219 A83-23240  
A comparison of color versus black and white visual  
display as indicated by bombing performance in the 2B35  
TA-4J flight simulator p 269 A83-26313  
Simulator fidelity and flight test data - Improving the flight  
performance of the B-52H WST production unit flight  
station simulator  
[AIAA PAPER 83-1075] p 436 A83-36204  
Advanced display techniques for training the  
multi-member tactical air crew  
[AIAA PAPER 83-1079] p 443 A83-36207  
Simulator performance definition by cue synchronization  
analysis  
[AIAA PAPER 83-1092] p 463 A83-36216  
Design of a real-time CGSI system  
[AIAA PAPER 83-1101] p 474 A83-36221

Compensation for time delay in flight simulator  
visual-display systems  
[AIAA PAPER 83-1080] p 464 A83-36222  
Old problem/new solutions - Motion cueing algorithms  
revisited  
[AIAA PAPER 83-1082] p 480 A83-36223  
Visually-coupled systems as simulation devices  
[AIAA PAPER 83-1083] p 464 A83-36224  
Flight fidelity testing of the F/A-18 simulators  
[AIAA PAPER 83-1094] p 437 A83-36225  
Simulator application and technology  
[AIAA PAPER 83-2172] p 630 A83-41667  
Comparison of color and black-and-white visual displays  
as indicated by bombing performance in the 2B35 TA-4J  
flight simulator p 681 A83-44692  
Determination of motion and visual system requirements  
for flight training simulators  
[AD-A117555] p 57 N83-11149  
A visual technology research simulator for Vertical Take  
Off and Landing (VTOL)  
[AD-A115626] p 207 N83-12103  
Research Issues in the Determination of Simulator  
Fidelity Proceedings of the ARI sponsored Workshop  
[AD-A118253] p 208 N83-12106  
Low altitude navigation augmentation system  
[AD-A119700] p 147 N83-14100  
Evaluation of helicopter pilot's attitude control using a  
simulated head-up display in a simulated helicopter  
cockpit  
[AD-A119570] p 219 N83-16355  
Applications of simulator freeze to carrier glide slope  
tracking instruction  
[AD-A118862] p 220 N83-16356  
Comparative evaluation of twenty pilot workload  
assessment measure using a psychomotor task in a moving  
base aircraft simulator  
[NASA-CR-166457] p 249 N83-18702  
Comparison of simulator fidelity model predictions with  
in-simulator evaluation data  
[NASA-TP-2106] p 266 N83-18715  
A system study for the application of microcomputers  
to research flight test techniques  
[NASA-CR-169869] p 305 N83-19487  
Issues in the evaluation of 3-D display applications  
p 309 N83-20699  
Multi-man flight simulator  
[NASA-CR-166449] p 359 N83-21210  
Design of a software maintenance facility for the RAF  
p 364 N83-22150  
A prototype model for the development of training  
systems and the acquisition of aircrew training devices  
for developing weapon systems  
[AD-A123041] p 401 N83-23331  
A placement model for flight simulators  
[AD-A123782] p 466 N83-25730  
Simulator design features for carrier landing Part 2  
In-simulator transfer of training  
[AD-A124024] p 466 N83-25733  
Sidelooking laser altimeter for a flight simulator  
[NASA-CASE-ARC-11312-1] p 702 N83-34304  
Helmet mounted feasibility model  
[AD-A128150] p 736 N83-34940

**FLIGHT STABILITY TESTS**  
A-10 stall/post-stall testing - A status update  
p 47 A83-11808  
F-18 Hornet high angle of attack /AOA/ program  
p 47 A83-11809  
Aeromechanical stability of a hingeless rotor in hover  
and forward flight - Analysis and wind tunnel tests  
p 732 A83-50141  
A preliminary assessment of helicopter/VSTOL handling  
qualities specifications  
[AD-A124667] p 461 N83-25716  
Fixed wing stability and control theory and flight test  
techniques Revision  
[AD-A124610] p 546 N83-27999

**FLIGHT STRESS (BIOLOGY)**  
Pilot fatigue - A deadly cover-up --- Book  
p 248 A83-24901  
The effects of pilot stress factors on handling quality  
assessments during US/German helicopter agility flight  
tests  
[NASA-TM-84294] p 205 N83-13114

**FLIGHT TEST INSTRUMENTS**  
Flight test instrumentation for airline digital avionics  
[NLR-MP-81017-U] p 198 N83-13096  
The digital data acquisition system for the flight testing  
of the Fokker F29 aircraft  
[NLR-MP-81019-U] p 198 N83-13097  
Transducer selection --- for F29 transport aircraft  
[NLR-MP-81026-U] p 198 N83-13099  
Instrumentation for gas turbines  
[NLR-MP-81016-U] p 203 N83-13106  
Calibration facilities for flight test equipment  
[NLR-MP-81029-U] p 159 N83-14125

The on-board computer system for the F29 prototype  
flight test  
[NLR-MP-81034-U] p 209 N83-16339  
The F29 flight test instrumentation and data processing  
system An overview of requirements, design and  
organization  
[NLR-MP-81035-U] p 209 N83-16340

**FLIGHT TEST VEHICLES**  
The application of low-cost demonstrators for  
advanced fighter technology evaluation  
[AIAA PAPER 83-1052] p 438 A83-36462  
Aerospace technology demonstrators/research and  
operational options  
[AIAA PAPER 83-1054] p 438 A83-36465  
The Northrop Flying Wing prototypes  
[AIAA PAPER 83-1047] p 416 A83-36471  
Active flutter suppression using eigenspace and linear  
quadratic design techniques  
[AIAA PAPER 82-2222] p 621 A83-41702  
Advanced propfan testbed - 'A progress report'  
[SAWE PAPER 1453] p 616 A83-43735  
Eigenspace techniques for active flutter suppression  
[NASA-CR-169858] p 217 N83-17556  
Alaska Loran-C flight test evaluation  
[AD-A128633] p 724 N83-34930

**FLIGHT TESTS**  
Application of pulse code modulation technology to  
aircraft dynamics data acquisition p 29 A83-10182  
Advanced facility for processing aircraft dynamic test  
data p 53 A83-10189  
In-flight structural dynamic characteristics of the XV-15  
tilt-rotor research aircraft p 29 A83-10191  
Analysis and flight data for a drone aircraft with active  
flutter suppression p 29 A83-10192  
Attempt to determine the power demand of a helicopter  
control system on the basis of flight tests  
p 45 A83-10439  
The evolution of Navy Flight Line EW testers from  
AN/ALM-66 to AN/USM-406C p 54 A83-10739  
In-flight lightning data measurement system for fleet  
application - Flight test results p 29 A83-11087  
A dynamic interface error performance simulation - IV&V  
for the F-4F OFP --- Independent Verification and Validation  
for Operational Flight Program p 70 A83-11114  
Unaided tactical guidance flight test results  
p 20 A83-11140  
Software configuration control in a real-time flight test  
environment p 29 A83-11144  
Integrated flight and fire control development and flight  
test on an F-15B aircraft p 20 A83-11160  
F-4F fire control system software support - An integrated  
approach to ground and flight testing p 56 A83-11228  
Air-to-air missiles - Flight test in the 80's  
p 29 A83-11805  
Wake vortex attenuation flight tests - A status report  
p 30 A83-11806  
Data acquisition/reduction system for flight testing  
general aviation aircraft p 37 A83-11903  
Reliability and maintainability aspects of a 'fleet' of  
prototype helicopters p 2 A83-12654  
U S Army considers Aquila RPV ready to field  
p 30 A83-13025  
Flight test of the 747-JT9D for airframe noise  
p 189 A83-13163  
In-flight deflection measurement of the HiMAT  
aeroelastically tailored wing p 189 A83-13167  
Sky Hook to help ships launch Harrier  
p 206 A83-13575  
Operation of a helicopter on sloping ground II  
p 182 A83-14624  
The A310 - Even better than expected  
p 190 A83-14952  
The Air Force Flight Test Center Palletized Airborne  
Water Spray System  
[AIAA PAPER 83-0030] p 148 A83-16472  
Development of a flight test maneuver autopilot for a  
highly maneuverable aircraft  
[AIAA PAPER 83-0061] p 168 A83-16493  
On-board instrumentation for test vehicles with varying  
roll rates  
[AIAA PAPER 83-0570] p 158 A83-16797  
USAF studies fighters for dual-role, all-weather  
operations p 151 A83-17276  
Long-range Falcon - Flight-test Dassault Falcon 50  
p 151 A83-18074  
XH-59A ABC aircraft flight tests at Ft Rucker,  
Alabama p 151 A83-18148  
Digital electronic engine control system - F-15 flight  
test p 162 A83-18406  
Icing analysis of an unprotected aircraft radome  
p 188 A83-18413  
Loran-C RNAV - The best near-term solution to air  
operations in northeastern North America  
p 144 A83-18822



- Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane [AIAA PAPER 83-0537] p 163 A83-19593
- The MCA method, a flight test technique to determine the thrust of jet aircraft in flight --- Mass Consumption Acceleration p 202 A83-19661
- Fixed wing and rotary wing flight testing of Navstar GPS as a civilian navigation system p 199 A83-19777
- F-104 CCV research flight test program p 215 A83-20074
- Flight test results of an active flutter suppression system p 216 A83-22164
- Design, construction, and testing of an experimental propeller in the 750 PS performance class [DGLR PAPER 82-066] p 274 A83-24180
- Flight testing with hot JP-4 fuel --- in helicopter suction fuel systems p 277 A83-24831
- Flight tests of integrated navigation by least squares adjustment p 256 A83-24871
- Flight effects on fan noise with static and wind tunnel comparisons [AIAA PAPER 83-0678] p 279 A83-25910
- Fluctuating pressure measurements on the fan blades of a turbofan engine during ground and flight tests [AIAA PAPER 83-0679] p 279 A83-25911
- The design and flight test of an engine inlet bulk acoustic liner [AIAA PAPER 83-0781] p 281 A83-25963
- The research aircraft of the Special Research Area 'Flight Control' as scientific test stand p 264 A83-26484
- Estimation regarding the feasibility of using larger distances in measurements with L2F systems in flight tests --- Laser-two-Focus p 300 A83-26487
- Helicopter flight noise tests about the influence of rotor-rotational and forward speed changes on the characteristics of the emitted sound [AIAA PAPER 83-0672] p 365 A83-28002
- The extended Kalman filter and its use in estimating aerodynamic derivatives p 340 A83-28183
- Development and testing of Skyship 500 p 327 A83-28191
- Integrated systems evaluated on F-15 p 322 A83-28700
- FAA helicopter NAVSTAR GPS flight testing p 323 A83-28788
- NASA aerial applications wake interaction research --- particle trajectories in aircraft induced wakes p 317 A83-28899
- Analysis of engine usage data for tactical systems [AIAA PAPER 81-1370] p 337 A83-29011
- VOR area navigation - Techniques and results p 323 A83-29205
- Flight testing the Low Cost Inertial Guidance System p 324 A83-29210
- Helicopter flight testing, simulation and real-time analysis p 328 A83-29391
- The application of a sub-scale flight demonstrator as a cost effective approach to aircraft development p 328 A83-29395
- Dash 8 - Canada's new commuter p 328 A83-29675
- Determination of horizontal tail load and hinge moment characteristics from flight data --- on Learjet Model 55 Longhorn p 383 A83-30162
- Excessive roll damping can cause roll ratchet p 395 A83-30171
- Apache on the war path The Hughes AH-64 in production at last p 385 A83-31939
- The B-1 gets airborne again p 386 A83-31941
- Flight tests verify predictions for F-20 p 386 A83-32475
- Sun-powered aircraft designs p 386 A83-32577
- Unique flight characteristics of the AD-1 oblique-wing research airplane p 386 A83-32588
- Dynamic taxi response (have bounce) testing of the C-5A aircraft [AIAA PAPER 83-1024] p 386 A83-32783
- Society of Flight Test Engineers, Annual Symposium, 12th, Dayton, OH, September 16-18, 1981, Proceedings p 372 A83-32926
- A cost effective quick-response test station p 398 A83-32927
- Flight development and certification How efficient can it be? p 387 A83-32929
- Flight testing the Hustler 500 p 387 A83-32930
- Airspeed calibrations on a stretch YC-141B aircraft p 387 A83-32931
- Flight test and predicted pressure data comparison on aircraft modifications p 387 A83-32932
- Sidestick controller design requirements p 396 A83-32934
- Principal site testing of the F/A-18 at the Naval Air Test Center p 387 A83-32935
- Use of simulated ice shapes in known icing certification p 378 A83-32936
- The United States Air Force and the use of in-flight simulation p 388 A83-32937
- Performance flight testing --- Book p 433 A83-33621
- Application of system identification flight analysis techniques to the pitch-heave dynamics of an air cushion vehicle p 484 A83-34852
- Simulator fidelity and flight test data - Improving the flight performance of the B-52H WST production unit flight station simulator [AIAA PAPER 83-1075] p 436 A83-36204
- Use of flight test results to improve the flying qualities simulation of the B-52H weapon system trainer [AIAA PAPER 83-1091] p 437 A83-36215
- Natural laminar flow data from full-scale flight and wind-tunnel experiments p 422 A83-36409
- Variable sweep wing design [AIAA PAPER 83-1051] p 438 A83-36461
- YAV-8B flight demonstration program [AIAA PAPER 83-1055] p 438 A83-36466
- Large jet aircraft validation and demonstrations - An overview of Boeing experience [AIAA PAPER 83-1049] p 439 A83-36472
- AFTI/F-16 technology demonstrator [AIAA PAPER 83-1059] p 439 A83-36474
- A technique to determine lift and drag polars in flight p 422 A83-36913
- Flight tests of tow wire forces while flying a racetrack pattern p 439 A83-36919
- HiMAT onboard flight computer system architecture and qualification p 529 A83-37061
- Piloted simulation of hover and transition of a vertical attitude takeoff and landing aircraft p 516 A83-37064
- Investigation of flow past an aircraft wing section in flight and in a wind tunnel p 493 A83-37506
- Dornier Do 24 TT (technology tested) experimental amphibian p 516 A83-37857
- NGT sub-scale flight demonstrator - A cost-effective approach to aircraft development --- Next Generation Trainer p 517 A83-37952
- U.S. Army helicopter icing developments [SAE PAPER 821504] p 508 A83-38011
- Flight test of the HX-1 radio-controlled hybrid airship [AIAA PAPER 83-1992] p 522 A83-38917
- Flight testing and operational demonstrations of a modern non-rigid airship [AIAA PAPER 83-1999] p 523 A83-38920
- Balloon film strain measurement p 530 A83-39807
- US fighter options p 526 A83-40665
- F/A-18 inlet/engine compatibility flight test results p 594 A83-41039
- Algorithms for real-time flutter identification [AIAA PAPER 83-2223] p 640 A83-41703
- Integrated flight control systems development - The F/A-18A Automatic Carrier Landing System [AIAA PAPER 83-2162] p 623 A83-41765
- Determination of aerodynamic parameters of a fighter airplane from flight data at high angles of attack [AIAA PAPER 83-2066] p 623 A83-41904
- Applications of state estimation in aircraft flight-data analysis [AIAA PAPER 83-2087] p 596 A83-41919
- Filtering flight data prior to aerodynamic system identification [AIAA PAPER 83-2098] p 597 A83-41928
- Identification of aerodynamic coefficients using flight testing data [AIAA PAPER 83-2099] p 597 A83-41929
- Flight test experience with pilot-induced-oscillation suppressor filters [AIAA PAPER 83-2107] p 625 A83-41936
- The application and results of a new flight test technique [AIAA PAPER 83-2137] p 598 A83-41959
- The in-service flight testing of some carbon fibre-reinforced plastic components p 599 A83-42808
- Autogas flight test in a Cessna 150 airplane [SAE PAPER 830706] p 599 A83-43317
- Flight investigation of natural laminar flow on the Bellanca Skyrocket II [SAE PAPER 830717] p 599 A83-43326
- Aeroacoustic flight test of four single engine propellers [SAE PAPER 830731] p 615 A83-43328
- Estimation of nonlinear aerodynamics from transport airplane certification maneuvers A system identification approach [AIAA PAPER 83-2065] p 627 A83-43811
- The tasks and organization of the flight testing of airplanes and helicopters --- Russian book p 674 A83-43901
- An experimental investigation of turbulent base heat transfer in hypersonic flow p 659 A83-44569
- Extracting the comprehensive characteristics in terms of similar parameters from flight test p 675 A83-44570
- Experience with flight test trajectory guidance p 675 A83-45470
- Designed to be stalled --- T-46A training aircraft p 676 A83-46349
- Problems in determining aircraft polar curves from test-flight data p 676 A83-46489
- F-16XL shows advances in range, nde p 676 A83-46924
- Pneumatic rotor blade deicing p 676 A83-46926
- The Integrated Technology and Flight Research Rotor Technology demonstrators for the 1985-1995 timeframe p 677 A83-46928
- Flight test evaluation of Loran-C in Alaska p 671 A83-46955
- An improved propeller for general-aviation aircraft p 736 A83-47194
- Correlation of flight test and analytic M-on-N air combat exchange ratios --- Many-on-Many p 710 A83-48219
- Simulations used in the development and flight test of the HiMAT vehicle [AIAA PAPER 83-2505] p 727 A83-48355
- A flight test of laminar flow control leading-edge systems [AIAA PAPER 83-2508] p 727 A83-48356
- NOTAR - The viable alternative to a tail rotor [AIAA PAPER 83-2527] p 728 A83-48365
- Survey of aeroelastic wind tunnel and flight testing methods at MBB p 753 A83-49181
- Experience from flight flutter testing with tip vanes on Airbus p 730 A83-49183
- Evaluation of new Iroquois torquemeter PN 73-30-1 [AD-A117747] p 38 A83-10042
- An analysis of airline landing flare data based on flight and training simulator measurements [NASA-CR-166404] p 47 A83-10047
- Development of handling qualities testing in the 70's A new direction p 51 A83-10077
- Experience with System Identification From Tracking (SIFT) flight-test-techniques at the German Air Force Flight Test Center p 51 A83-10078
- Simulation for predicting flying qualities p 52 A83-10080
- Random impact vibration testor p 66 A83-10234
- Low-speed aerodynamic characteristics of a 17-percent-thick supercritical airfoil section, including a comparison between wind-tunnel and flight data [NASA-TM-X-2571] p 6 A83-11034
- Stability and control of the Gossamer human powered aircraft by analysis and flight test [NASA-CR-3627] p 11 A83-11062
- Modeling methodology for MLS range navigation system errors using flight test data [NASA-CR-166411] p 27 A83-11101
- Modern wing technology for general aviation aircraft Phase 3 Flight testing [BMFT-FB-W-82-012] p 33 A83-11121
- Preliminary evaluation of the basic experimental active Beacon Collision Avoidance System (BCAS) [DOT/FAA/RD-82/67] p 186 A83-12058
- Flight test investigation of area calibrated LORAN-C for en route navigation in the Gulf of Mexico [FAA-RD-82-7] p 186 A83-12059
- The effects of pilot stress factors on handling quality assessments during US/German helicopter agility flight tests [NASA-TM-84294] p 205 A83-13114
- A flight test maneuver autopilot for a highly maneuverable aircraft [NASA-TM-81372] p 205 A83-13115
- Lightning attachment patterns and flight conditions for storm hazards, 1980 [NASA-TP-2087] p 139 A83-14077
- NASA Lewis Research Center's Program on Icing Research [NASA-TM-83031] p 139 A83-14078
- Preliminary summary of phase 1 Piedmont in-service evaluation of TCAS 2 p 146 A83-14095
- Flutter substantiation tests on a Transavia PL-12/T-300 Airtruk [AD-A118895] p 170 A83-14134
- Dynamic structural aeroelastic stability testing of the XV-15 tilt rotor research aircraft [NASA-TM-84293] p 216 A83-16349
- The application of parameter estimation to flight measurements to obtain lateral-directional stability derivatives of an augmented jet-flap STOL airplane [NASA-TP-2033] p 216 A83-16350
- Flight evaluation of an engine static pressure noseprobe in an F-15 airplane [NASA-CR-163109] p 214 A83-17546
- Gyroscopic instruments and their application to flight testing [AGARD-AG-160-VOL-15] p 233 A83-17855
- Structural testing for static failure, flutter and other scary things [NASA-TM-84606] p 234 A83-17899

Propeller aircraft noise-certification and flight testing p 308 N83-18657

Helical automatic approaches of helicopters with microwave landing systems [NASA-TP-2109] p 260 N83-18704

Global positioning system en route/terminal exploratory tests [FAA-RD-82-71] p 260 N83-18705

Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft [NASA-TM-84901] p 265 N83-18710

A rotor technology assessment of the advancing blade concept [NASA-TM-84298] p 265 N83-18712

Design, development, and flight test of a demonstration advanced avionics system [NASA-TM-84323] p 270 N83-18721

Flight test trajectory control analysis [NASA-CR-170395] p 288 N83-18744

Development and flight test of an active flutter suppression system for the F-4F with stores Part 1 Design of the active flutter suppression system [AD-A121485] p 288 N83-18746

AH-1 Air Ground Engagement Simulation/air defense (AGES/ADES) pod jetison evaluation [AD-A122623] p 332 N83-20939

Investigations on four-dimensional guidance in the TMA p 326 N83-22187

Motion/visual cueing requirements for vortex encounters during simulated transport visual approach and landing [NASA-TP-2136] p 333 N83-22182

Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane [NASA-TM-83088] p 339 N83-22201

A Canadian approach to flutter clearance for external stores p 345 N83-22216

Evaluation of Precision Approach Path Indicator (PAPI) [FAA-CT-82-153] p 383 N83-24495

Experimental testing of flying qualities theones [AD-A124699] p 440 N83-25697

Aerodynamic model identification from dynamic flight test data and wind tunnel experiments [VTH-LR-361] p 505 N83-27967

Flight testing of a strapdown system Results of a special flight test --- inertial navigation [DFVLR-MITT-83-02] p 514 N83-27973

Flight testing of inertial navigation systems Hardware and software description [ESA-TT-772] p 515 N83-27974

Unmanned vehicle systems experiences at the Dryden Flight Research Facility --- remotely piloted vehicles [NASA-TM-84913] p 526 N83-27978

Flight and simulation test analysis system [AD-A125614] p 528 N83-27986

Design, construction and test of an experimental propeller in the power range 750 HP [BMFT-FB-W-83-004] p 507 N83-29184

Modeling of the Mode S tracking system in support of aircraft safety research [NASA-CR-166486] p 510 N83-29186

Validation flight test of UH-60A for Rotorcraft Systems Integration Simulator (RSIS) [AD-A125428] p 529 N83-29201

Engine Handling [AD-A129168] p 540 N83-29241

A look at engine handling aspects from aircraft flight test experience, with an outlook for future requirements p 540 N83-29245

Throttle handling related to J85 engine performance and durability Canadian forces experience p 541 N83-29249

Predicted and flight test results of the performance and stability and control of the space shuttle from reentry to landing p 634 N83-30360

Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison of the wing pressure distribution and local wake survey from analytical, wind tunnel and flight results p 603 N83-30362

Aerodynamic model identification from dynamic flight test data and wind tunnel experiments p 604 N83-30371

Correlation aspects of analytical, wind tunnel and flight test results for a hingeless rotor helicopter p 604 N83-30373

Dynamic structural aeroelastic stability testing of the XV-15 tilt rotor research aircraft p 628 N83-30376

Ground and flight test techniques used for proof of structural integrity of the Tornado combat aircraft p 605 N83-30377

Correlation problems between flutter flight test data and ground tests/calculation results for a variable sweep wing aircraft p 628 N83-30379

Flight flutter testing with emphasis on the tip vane method p 628 N83-30381

Synthesis of responses to AGARD-FMP questionnaire on "prediction techniques and flight correlation" p 581 N83-30384

Fuel conservation evaluation of U.S. (United States) Army helicopters Part 4 OH-58C flight testing [AD-A127422] p 637 N83-30673

Results of Beaver aircraft parameter identification [DFVLR-FB-83-10] p 678 N83-32798

Flight test evaluation of drag effects on surface coatings on the NASA Boeing 737 TCV airplane [NASA-CR-165767] p 666 N83-33852

Alaska Loran-C flight test evaluation [AD-A128633] p 724 N83-34930

Summary Proceedings of the Future Navigation Systems Planning Conference [AD-A128717] p 724 N83-34932

Dual towline anti-spin device --- for flight tests [NASA-CASE-LAR-13076-1] p 733 N83-34934

Technical evaluation report on the Flight Mechanics Panel Symposium on Ground/Flight Test Techniques and Correlation [AGARD-AR-191] p 733 N83-34939

Supersonic fan engines for military aircraft [NASA-TM-83499] p 747 N83-34947

Sea King helicopter flight trials [ARL-AERO-NOTE-415] p 733 N83-36023

**FLIGHT TIME**

Designing a mini-RPV for a world endurance record p 2 A83-11000

New systems for extending the useful float duration of standard zero-pressure balloon flights p 524 A83-39805

**FLIGHT TRAINING**

Toward 'combat realistic' tests, evaluations, exercises - and training p 56 A83-11237

B-52 operations in the Bright Star 82 exercise p 317 A83-29204

In-flight simulation at the U.S. Air Force and Naval Test Pilot Schools [AIAA PAPER 83-1078] p 436 A83-36206

Advanced display techniques for training the multi-member tactical air crew [AIAA PAPER 83-1079] p 443 A83-36207

Simulation which simulates less p 548 A83-40619

General aviation safety - How safe? Its implication for flying and theory training p 667 A83-44878

Determination of motion and visual system requirements for flight training simulators [AD-A117555] p 57 N83-11149

Applications of simulator freeze to carrier glideslope tracking instruction [AD-A118862] p 220 N83-16356

Summary Proceedings of a Wind Shear Workshop [NASA-CP-2270] p 410 N83-25265

Helmet mounted feasibility model [AD-A128150] p 736 N83-34940

General aviation safety research issues [AD-A130074] p 722 N83-36015

**FLIGHT VEHICLES**

Intelligent control of tactical target cueing --- by subsonic flight vehicles p 25 A83-12879

Theory and design of flight-vehicle engines --- Russian book p 211 A83-22651

Current studies at Calspan utilizing short-duration flow techniques p 290 A83-26128

Dynamic stability of a flight vehicle near a perturbed surface p 396 A83-33008

A study of the statistical dynamics of flight vehicles p 396 A83-33009

**FLIR DETECTORS**

Four-channel multiplexed resolver-to-digital converter p 34 A83-11100

Multiscenario imaging sensor autoprocessor --- for target recognition p 22 A83-11224

TF/TA by means of integrated FLIR and radar sensors --- terrain following-terrain avoidance displays using forward looking infrared imagery p 36 A83-11240

The A6E /TRAM/ all-weather weapon system --- Target Recognition and Attack Multisensor p 24 A83-11260

Calibration support of the AN/AAM-60 common forward-looking infrared /FLIR/ test bench p 232 A83-22886

Bo 105 rotor blade influence on the Calspan FLIR in the mast-mounted observation platform Ophelia p 205 A83-23249

Target acquisition and extraction from cluttered backgrounds p 268 A83-23531

**FLOATING POINT ARITHMETIC**

Implementation of the DAST ARW II control laws using an 8086 microprocessor and an 8087 floating-point coprocessor --- drones for aeroelasticity research p 71 A83-11910

**FLOATS**

Ejection seat-mounted crewmember restraint integrated with survival vest and flotation [AD-A126859] p 585 N83-30399

**FLOORS**

Advanced lightweight, fire retardant floor paneling for aircraft [AIAA PAPER 83-2442] p 726 A83-48330

Development of lightweight, fire retardant, low smoke, thermally stable, high strength floor paneling Passenger floor panels [NASA-CR-167770] p 212 N83-13174

Analytical modeling of transport aircraft crash scenarios to obtain floor pulses [NASA-CR-166089] p 381 N83-24488

Electrical resistance testing of antistatic bench and floor surface material after laying p 548 N83-28007

MRCA run-in floors --- aluminum cast alloys p 658 N83-32711

**FLOQUET THEOREM**

Aeroelasticity of helicopter rotors in forward flight p 180 A83-17316

**FLORIDA**

Fresh look is needed at south Florida jetport [GAO/CED-82-54] p 189 N83-14769

**FLOW CHARACTERISTICS**

Nonequilibrium flow over delta wings with detached shock waves p 176 A83-13126

Certain effects and paradoxes in aerodynamics and hydraulics --- Russian book p 229 A83-20379

Embedded flow characteristics of sharp-edged rectangular wings p 190 A83-22152

Autrotation --- in fluid dynamics p 374 A83-31079

New trends in combustion research for gas turbine engines p 446 A83-35806

PANAI Pilot Code application to subsonic nacelle type interior flows [AIAA PAPER 83-1369] p 421 A83-36365

Gas turbine engines p 532 A83-37274

Distinction between different types of impeller and diffuser rotating stall in a centrifugal compressor with vaneless diffuser [ASME PAPER 83-GT-61] p 714 A83-47917

Strong pressure waves in air-breathing engines p 715 A83-48216

Flow visualization by light sheet [ONERA, TP NO 1983-105] p 764 A83-49416

Flow quality of NAL two-dimensional transonic wind tunnel Part 1 Mach number distributions, flow angularities and preliminary study of side wall boundary layer suction [NAL-TR-693] p 179 N83-12043

Advanced technologies for turbomachinery systems An overview [NASA-TM-82949] p 201 N83-12090

New trends in combustion research for gas turbine engines [NASA-TM-83338] p 338 N83-20947

Wind tunnel flow quality and data accuracy requirements [AGARD-AR-184] p 376 N83-23276

Preliminary results of LDV surveys in the compressible leading edge vortex of a delta wing [VKI-TN-137] p 376 N83-23278

Flow control about an airborne laser turret [AD-A123056] p 407 N83-23595

A study of atmospheric flow in the wake of a large structure p 567 N83-28788

Thermodynamic and flow mechanical problems in aircraft and spacecraft drives Summary of work and results for 1980, 81, 82 p 707 N83-34822

The trend of future gas turbine technology [NASA-TM-83505] p 712 N83-34886

**FLOW COEFFICIENTS**

Aerodynamic characteristics of the 10-percent-thick NASA supercritical airfoil 33 designed for a normal-force coefficient of 0.7 [NASA-TM-X-72711] p 12 N83-11075

**FLOW DEFLECTION**

A numerical transformation solution procedure for closely coupled canard-wing transonic flows [AIAA PAPER 83-0502] p 137 A83-19591

Investigation of flow past an aircraft wing section in flight and in a wind tunnel p 493 A83-37506

The theory for a flexible slat p 495 A83-37810

An investigation of flow improvement devices for reducing propeller excited vibration --- ship propellers [NMI-R-157] p 702 N83-34223

**FLOW DISTORTION**

Axial-compressor flow distortion with water ingestion [AIAA PAPER 83-0004] p 160 A83-16456

Numerical calculation of the separation and connection of two-dimensional supersonic flows in channels with discontinuous boundaries p 212 A83-22658

The response of a multistage compressor to an azimuthal distortion p 281 A83-26923

The prediction of performance of turbojet engine with distorted inlet flow and its experimental studies p 446 A83-35832

## SUBJECT INDEX

Variation of rotor blade vibration due to interaction of inlet and outlet distortion p 450 A83-35882

Aircraft engine inlet pressure distortion testing in a ground test facility p 453 A83-36296 [AIAA PAPER 83-1233]

Literature search of publications concerning the prediction of dynamic inlet flow distortion and related topics p 282 N83-18729 [NASA-CR-3673]

Influence of a large free stream disturbance level on dynamics of a jet in a cross flow p 562 N83-29217

Modelling compression component stability characteristics Effects of inlet distortion and fan bypass duct disturbances p 542 N83-29261

Tests for inlet distortion in a two-spool turbojet engine on the ground test bed p 683 N83-32733

### FLOW DISTRIBUTION

Large-scale vortex lattice model for the locally separated flow over wings p 177 A83-13127

Assessment of inflow control structure effectiveness and design system development p 189 A83-13161

A fast algorithm for the calculation of transonic flow over wing/body combinations p 178 A83-15283

Analytical profiling of turbine blades p 200 A83-16010

An experimental study of the unsteady response of the rotor blades of an axial flow compressor operating in the rotating stall regime p 129 A83-16454 [AIAA PAPER 83-0001]

Flow simulations for general nacelle configurations using Euler equations p 134 A83-16775 [AIAA PAPER 83-0539]

Investigations on the effects of discrete wingtip jets p 134 A83-16781 [AIAA PAPER 83-0546]

An analytical and experimental comparison of the flow field of an advanced swept turboprop p 189 A83-21080 [AIAA PAPER 83-0189]

Unsteady transonic flow over wings including inviscid/viscous interaction p 190 A83-22132

Sound propagation through fluctuating flows - Its significance in aerodynamics p 308 A83-26448 [AIAA PAPER 83-0697]

On the simulation of the hypervelocity regime of flow past bodies in wind tunnels p 312 A83-27714

A more accurate transonic computational method for wing-body configurations p 375 A83-32982

Turbulent boundary layer associated with periodic rotating wakes - from axial flow turbomachine rotors p 376 A83-33373

Calculation of subsonic flow past rectangular wings and their combinations on the basis of a discrete vortex scheme p 418 A83-35541

Semi implicit calculation method of the flow field in a duct with the flame stabilized by a step --- for aircraft engine combustion chamber design p 446 A83-35820 [ONERA, TP NO 1983-52]

A study of lean extinction limit for pilot flame holder p 469 A83-35821

Applications of computational techniques in the design of ramjet engines p 418 A83-35828

An assessment of flow field simulation and measurement p 555 A83-37210 [AIAA PAPER 83-1721]

Supersonic flow field analysis for a twin-engine aircraft model p 493 A83-37521

Aerodynamic simulation - A key technology not only for aviation p 495 A83-37860

A multiple separation model for multielement airfoils p 499 A83-38672 [AIAA PAPER 83-1844]

Surface pressures induced on a flat plate with in-line and side-by-side dual jet configurations p 500 A83-38677 [AIAA PAPER 83-1849]

Hypersonic flow behind a lifting body p 577 A83-41206

Interference during flow around a wing and an axisymmetric nacelle p 578 A83-41879

A grid overlapping scheme for flowfield computations about multicomponent configurations p 581 A83-43443

The two-dimensional laminar wake with initial asymmetry p 581 A83-43454

Considerations of the vorticity fields on wings p 661 A83-46465

Combustion experiments with a new burner air distribution concept p 737 A83-47893 [ASME PAPER 83-GT-31]

Inlet-fan flow field computation p 713 A83-47901 [ASME PAPER 83-GT-41]

Development of two supercritical airfoils with a thickness-to-chord ratio of 0.20 and design lift coefficients of 0.3 and 0.4 p 12 N83-11079 [NASA-TM-X-73948]

Analytical and experimental investigation of stator endwall contouring in a small axial flow turbine 1 Stator performance p 43 N83-11125 [NASA-TP-2023]

An aerodynamic design method for transonic axial flow compressor stage p 44 N83-11132 [AD-A118278]

Fractional characteristics and heat transfer of antisticking fuels in tubes p 211 N83-12248 [NASA-CR-169388]

NASA airborne Doppler lidar program Data characteristics of 1981 p 220 N83-13706 [NASA-CR-170667]

Computer tomography of flows external to test models p 221 N83-13835 [NASA-CR-169521]

An analytical and experimental comparison of the flow field of an advanced swept turboprop p 128 N83-14061 [NASA-TM-83037]

Rotor redesign for a highly loaded 1800 ft/sec tip speed fan 3 Laser Doppler velocimeter report p 163 N83-14128 [NASA-CR-167954]

Laser-Doppler velocimeter (LDV) measurements of the velocity field of a leading edge vortex over a delta wing before and after vortex breakdown p 192 N83-16300 [VKI-TN-142]

The wake of a sideslipping wing in low speed flow p 192 N83-16301 [VKI-TN-143]

A study of the flow around a slotted flap end p 192 N83-16306 [BU-279]

The aerodynamic performance of several flow control devices for internal flow systems p 221 N83-17560 [NASA-TP-1972]

Flow visualization techniques for the study of high incidence aerodynamics p 245 N83-18686

Strike-wing-body combinations p 284 N83-18696

Experimental verification of blade cooling systems and comparison with design calculation p 282 N83-18736

Journal of Engineering Thermophysics (selected articles) p 301 N83-18953 [AD-A122037]

Viscous flowfields induced by three-dimensional lift jets in ground effect p 301 N83-19062 [AD-A121026]

Development of the flow field in streamwise corners at hypersonic speeds and effects of the corner flow on downstream fitted flaps p 378 N83-24480 [ESA-TT 583]

Higher-order computational methods for transonic wing/body flowfields p 426 N83-25679 [AD-A124079]

Generalization of the air-jet propulsion systems, the 'N' flow turbo-jet engine p 459 N83-25715 [AD-A123932]

Prediction of natural convection flow pattern in low-aspect ratio enclosures p 561 N83-28364

Evaluation of the performance and flow in an axial compressor p 561 N83-28387 [AD-A125619]

Axial compressor middle stage secondary flow study p 505 N83-29174 [NASA-CR-3701]

A theory of rotating stall of multistage axial compressors p 506 N83-29175 [NASA-CR-3685]

Turbulent combustor flowfield investigation p 538 N83-29220

Small gas turbine combustor primary zone study p 538 N83-29221

Unsteady flow effects in combustor systems p 562 N83-29232

Test facility for basic research on distortion p 542 N83-29258

Numerical simulation of vortex breakdown by the vortex-filament method p 563 N83-29636 [NASA-TM-84334]

Subsonic-transonic stall flutter study p 629 N83-30435 [NASA-CR-165256]

Wind-tunnel research of flowfields within naturally ventilated rooms of simple geometry p 644 N83-30813 [DE83-008110]

An experimental study into the scaling of an unswept-sharp-fin-generated shock/turbulent boundary layer interaction p 645 N83-30967 [AD-A126919]

Joint Airport Weather Studies (AWS) project p 704 N83-33840

Computational Methods for Ramjets JPM Specialist Session p 685 N83-33885 [AD-A128297]

Numerical study of scramjet and ramjet flow fields p 685 N83-33887

Calculation of inviscid air capture and additive drag for 3-D supersonic inlet flows p 685 N83-33889

An assessment of global and quasi-global models of hydrocarbon and hydrogen combustion kinetics for reacting flow-field calculations p 686 N83-33890

### FLOW EQUATIONS

Transonic wing-body calculations using Euler equations p 135 A83-16828 [AIAA PAPER 83-0501]

## FLOW MEASUREMENT

Performance evaluation of centrifugal compressor impellers using three-dimensional viscous flow calculations p 714 A83-47918 [ASME PAPER 83-GT-62]

An assessment of factors affecting prediction of near-field development of a subsonic VSTOL jet in cross-flow p 441 N83-25699 [AD-A124583]

### FLOW GEOMETRY

On the influence of the diffuser inlet shape on the performance of a centrifugal compressor stage p 737 A83-47881 [ASME PAPER 83-GT-9]

A configuration to improve the aerodynamics and scope of can-annular combustors p 737 A83-47898 [ASME PAPER 83-GT-37]

Efficient computational grid generation for three-dimensional aircraft configurations p 729 A83-48376 [AIAA PAPER 83-2557]

Coherent structure and jet noise p 190 N83-14513

### FLOW MEASUREMENT

Optical methods of flow diagnostics in turbomachinery p 62 A83-11076

X wire sounding in an air inlet at high angle of attack p 8 A83-11775 [AAAF PAPER NT 81-15]

Applications of flow visualization techniques in aerodynamics p 213 A83-14528 [ONERA, TP NO 1982-68]

Measurements of the near wake of an airfoil in unsteady flow p 131 A83-16540 [AIAA PAPER 83-0127]

Calculation of pressure losses in the diffusers of mixing afterburners p 273 A83-23445

The relationship between the aerodynamics of a combustion chamber and the dynamics of heat release p 273 A83-23446

The new hydrodynamic visualization laboratory of the aerodynamics division p 289 A83-23676

Computed and measured turbulence in axisymmetric reciprocating engines p 276 A83-24669

Porous-plug flowfield mechanisms for reducing supersonic jet noise p 281 A83-25959 [AIAA PAPER 83-0774]

Some solutions to the problems and pitfalls of laser velocimetry in a large transonic wind tunnel p 346 A83-28832

Separated flows on a concave conical wing p 418 A83-35707

The relationship between the aerodynamic and acoustic characteristics of coaxial jets p 482 A83-35712

Flow measurements within rotating stall cells in single and multistage axial-flow compressors p 419 A83-35873

Flow in rotating stall cells of a low speed axial flow compressor p 419 A83-35874

High angle-of-attack cascade measurements and analysis p 419 A83-35875

Seven-hole cone probes for high angle flow measurement Theory and calibration p 474 A83-36085

NASA low speed centrifugal compressor for fundamental research p 464 A83-36353 [AIAA PAPER 83-1351]

Aerodynamic measurements about a rotating propeller with a laser velocimeter p 421 A83-36355 [AIAA PAPER 83-1354]

An assessment of flow-field simulation and measurement p 555 A83-37210 [AIAA PAPER 83-1721]

Investigation of the parameters of a boundary layer before the inlet of a supersonic air intake mounted under the surface of a triangular plate p 494 A83-37533

Methods of laser Doppler anemometry --- Russian book p 559 A83-40605

The measurement of pressure pulsations by means of piezoelectric transducers p 640 A83-41891

Cryogenic-wind-tunnel technology - A way to measurement at higher Reynolds numbers p 689 A83-46484

Measurements of secondary flows within a cascade of curved blades and in the wake of the cascade p 713 A83-47889 [ASME PAPER 83-GT-24]

Recent applications of a laser velocimeter in the Langley 4by 7-meter Wind Tunnel p 765 A83-50145

Construction and performance of NAL two-dimensional transonic wind tunnel p 57 N83-11146 [NAL-TR-6477]

Initial findings during studies of the flow within a high speed impeller using a transit anemometer p 216 N83-12270

Laser Doppler measurements in transparent pump impellers p 216 N83-12272

Hot wire thermal tuft development for measurement of flow reversal near a compressor blade p 216 N83-12274

Blade pressure measurements p 216 N83-12275

- Adaptation of laser velocimeters to various applications p 218 N83-12410  
Air Force Academy Aeronautics Digest, Fall/Winter, 1981  
[AD-A119168] p 176 N83-13066  
NASA airborne Doppler lidar program Data characteristics of 1981  
[NASA-CR-170667] p 220 N83-13706  
Aeroelastic instability stoppers for wind tunnel models  
[NASA-CASE-LAR-12720-1] p 361 N83-21504  
Miniature electro-optical air flow sensor  
[NASA-CASE-LAR-13065-1] p 413 N83-25539  
Subsonic-transonic stall flutter study  
[NASA-CR-165256] p 629 N83-30435  
The NASA High Accuracy Fuel Flowmeter (HAFF) development program  
[NASA-TM-83484] p 682 N83-33883
- FLOW REGULATORS**  
Investigation of the combined regulation of the intermediate stage of a centrifugal compressor by an axial regulating apparatus and a two-row diffuser  
p 407 A83-33149  
A flight test of laminar flow control leading-edge systems  
[AIAA PAPER 83-2508] p 727 A83-48356  
Air modulation apparatus --- cooling gas turbine engines  
[NASA-CASE-LEW-13524-1] p 645 N83-30957
- FLOW RESISTANCE**  
Profile losses during the release of air onto the surface of nozzle vanes p 418 A83-35590
- FLOW STABILITY**  
Jet noise and the effects of jet forcing  
p 72 A83-10898  
Noise and flow structure of a tone-excited jet  
p 221 A83-13136  
Nearfield observations of tones generated from supersonic jet flows  
[AIAA PAPER 83-0706] p 308 A83-26449  
The response of a multistage compressor to an azimuthal distortion  
p 281 A83-26923  
The aerodynamics of hypersonic velocities (On flows with low Mach numbers)  
p 417 A83-35535  
Stability experiments in rotating-disk flow  
[AIAA PAPER 83-1780] p 555 A83-37232  
Experimentation with turbulent flows experiencing the effects of an adverse pressure gradient  
[ONERA, TP NO 1983-36] p 659 A83-44314  
Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 1  
[DE82-903116] p 303 N83-20165  
Aeroelastic instability stoppers for wind tunnel models  
[NASA-CASE-LAR-12720-1] p 361 N83-21504
- FLOW THEORY**  
Load distribution on deformed wings in supersonic flow  
p 6 A83-10180  
Investigation of unsteady flow problems  
p 180 A83-16897  
Existence and uniqueness of shock-free transonic flow past symmetrical thin wings at zero incidence  
p 135 A83-17847  
On the application of linearized theory to multi-element airfoils I - Tandem flat plate airfoils  
p 312 A83-27874  
Fundamentals of flight --- Book  
p 371 A83-30152  
Second approximation of quadrupole wing theory in lifting surface theory  
p 375 A83-33004  
Remarks on the evolution of methods of calculation for propellers and rotors  
[AAAF PAPER NT 82-03] p 376 A83-33161  
The basic aerodynamics of floatation  
p 764 A83-48679
- FLOW VELOCITY**  
Application of the Carafoli method to the supersonic flow around a cruciform wing  
p 7 A83-10581  
A half-wing near a wall at high angles of attack in a pulsed flow  
[AAAF PAPER NT 81-12] p 8 A83-11773  
Measurements of the near wake of an airfoil in unsteady flow  
[AIAA PAPER 83-0127] p 131 A83-16540  
The aerodynamics of hypersonic velocities (On flows with low Mach numbers)  
p 417 A83-35535  
A version of a single-beam laser time-of-flight method for measuring flight velocity  
p 557 A83-37642  
A supersonic velocity field in the region of interference between a wing and a body having a common apex  
p 495 A83-37802  
Calculation of the flow rate characteristic of a jet-throttling hydraulic distributor with allowance for the ejection properties of a tube-plate system  
p 598 A83-42128  
Unsteady Kutta condition of a plunging airfoil  
p 661 A83-46438
- Laser Doppler measurements in transparent pump impellers p 216 N83-12272  
Measuring the flow properties of slotted test-section walls  
[PB82-239849] p 219 N83-13417  
Laser-Doppler velocimeter (LDV) measurements of the velocity field of a leading edge vortex over a delta wing before and after vortex breakdown  
[VKI-TN-142] p 192 N83-16300  
Two-dimensional transonic testing method  
p 347 N83-20962  
Numerical simulation for droplet combustion using Lagrangian hydrodynamics  
p 537 N83-29210  
Air modulation apparatus --- cooling gas turbine engines  
[NASA-CASE-LEW-13524-1] p 645 N83-30957  
A method of predicting flow rates required to achieve anti-icing performance with a porous leading edge ice protection system  
[NASA-CR-168213] p 668 N83-32782
- FLOW VISUALIZATION**  
The water tunnel - A helpful simulation facility for the aircraft industry  
p 55 A83-11080  
Applications of flow visualization techniques in aerodynamics  
[ONERA, TP NO 1982-68] p 213 A83-14528  
Experimental evaluation of shockless supercritical airfoils in cascade  
[AIAA PAPER 83-0003] p 129 A83-16455  
Water tunnel construction for continuous mode flow visualization  
[AIAA PAPER 83-0657] p 172 A83-16821  
The new hydrodynamic visualization laboratory of the aerodynamics division  
p 289 A83-23676  
Three dimensional holographic flow visualization  
p 299 A83-26420  
Thrust reverser exhaust plume reingestion tests for a STOL fighter model  
[AIAA PAPER 83-1229] p 452 A83-36293  
Flow visualization investigation of choking cascade turns  
p 641 A83-42564  
Flow visualization by light sheet  
[ONERA, TP NO 1983-105] p 764 A83-49416  
The use of coloured smoke to visualize secondary flows in a turbine-blade cascade  
p 717 A83-49466  
Holographic interferometry technique for rotary wing aerodynamics and noise  
[NASA-TM-84723] p 67 N83-10378  
Flow visualization in a cryogenic wind tunnel using holography  
[NASA-TM-84556] p 217 N83-12395  
Flow visualization techniques for the study of high incidence aerodynamics  
p 245 N83-18686  
Design of choking cascade turns  
[AD A124792] p 477 N83-26023  
Flow visualization of the wake of a transport aircraft model with lateral-control oscillations  
[NASA-TM-84623] p 491 N83-27951  
On issues concerning flow separation and vortical flows in 3 dimensions  
[NASA-TM-84374] p 504 N83-27961
- FLOWMETERS**  
High accuracy fuel flowmeter, phase 1  
[NASA-CR-167893] p 359 N83-21314
- FLUE GASES**  
Pilot-scale assessment of conventional particulate control technology for pressurized fluidized-bed combustion emissions  
[PB82-230921] p 220 N83-13673
- FLUID DYNAMICS**  
Investigation of unsteady flow problems  
p 180 A83-16897  
Certain effects and paradoxes in aerodynamics and hydraulics --- Russian book  
p 229 A83-20379  
Autorotation --- in fluid dynamics  
p 374 A83-31079  
Evaluation Report AGARD Fluid Dynamics Panel Symposium on Fluid Dynamics of Jets with Application to V/STOL  
[AGARD-AR-187] p 67 N83-10403  
NASA LeRC/Akron University Graduate Cooperative Fellowship Program and Graduate Student Researchers Program  
[NASA-CR-167943] p 74 N83-10970  
Time-variant aerodynamics for translational motion of large-turning airfoils  
[AD-A118884] p 203 N83-13105  
Compressor cascade performance deterioration caused by sand ingestion  
[NASA-CR-168067] p 190 N83-16286  
Technical evaluation report on the Fluid Dynamics Panel Specialists' Meeting on Prediction of Aerodynamic Loads on Rotorcraft  
[AGARD-AR-189] p 426 N83-25682  
Advances in ejector technology A tribute to Hans von Ohain's vision  
p 477 N83-26805
- Implicit upwind methods for the compressible Navier-Stokes equations  
[NASA-TM-84364] p 478 N83-27149  
Design and evaluation of cascade test facility  
[AD-A125622] p 549 N83-28009  
Structure of evaporating and combusting sprays  
Measurements and predictions p 538 N83-29211  
Wind-tunnel research of flowfields within naturally ventilated rooms of simple geometry  
[DE83-008110] p 644 N83-30813  
Aerothermal modeling program, phase 1  
[NASA-CR-168202] p 645 N83-30959  
Numerical Aerodynamic Simulation (NAS)  
[NASA-TM-84386] p 652 N83-32397  
Current problems in turbomachinery fluid dynamics  
[AD-A126478] p 747 N83-34949
- FLUID FILLED SHELLS**  
An investigation into the effect of coolant flow on the vibration characteristics of hollow blades conveying fluid  
[ASME PAPER 83-GT-217] p 762 A83-48017
- FLUID FILMS**  
An experimental study of an annular film-evaporation combustion chamber in a low-power gas turbine engine  
p 273 A83-23443  
Inertia effects of the dynamics of a disk levitated by incompressible laminar fluid flow  
[ASME PAPER 83-GT-149] p 761 A83-47968  
High-temperature (649 deg C/1200 deg F) coatings for gas-lubricated foil bearings of the Navy's advanced auxiliary power unit concepts  
p 185 N83-15538
- FLUID FILTERS**  
Aviation filters for fuels, oils, hydraulic fluids, and air --- Russian book  
p 327 A83-28813  
Pilot-scale assessment of conventional particulate control technology for pressurized fluidized-bed combustion emissions  
[PB82-230921] p 220 N83-13673
- FLUID FLOW**  
Measurement of the flow-field behind harmonically oscillating gust generators in the model subsonic wind tunnel (MUK)  
[DFVLR-FB-82-26] p 315 N83-20920
- FLUID INJECTION**  
The distribution of the disperse fraction of a polydisperse jet injected into a gas flow  
p 473 A83-34472  
Experiments in dilution jet mixing  
[AIAA PAPER 83-1201] p 475 A83-36277
- FLUID MECHANICS**  
Investigation of unsteady flow problems  
p 180 A83-16897  
The fluid mechanics of slender wing rock --- vortex shedding of delta configurations  
[AIAA PAPER 83-1810] p 497 A83-38643  
Publication on the occasion of the 65th birthday of Prof Dr.-Ing Erich Truelsenbrodt, Scientific Colloquium, Technische Universität München, Munich, West Germany, February 1, 1982, Reports  
p 697 A83-46482  
Aeronautics research and technology program and specific objectives  
[NASA-TM-85163] p 176 N83-13059  
A unique flight test facility Description and results  
[NASA-TM-84900] p 208 N83-13124  
Simplified free wake analysis for rotors  
[FFA-TN-1982-07] p 195 N83-17518  
Parameter and design studies for the use of wind tunnel models in the ETW  
[MBB/FE123/S/PUB/83] p 402 N83-24518  
Advanced manufacturing development of a composite empennage component for L-1011 aircraft  
[NASA CR-172658] p 440 N83-25692  
Condensation studies in cryogenic nitrogen expansions  
p 465 N83-25720  
On issues concerning flow separation and vortical flows in 3 dimensions  
[NASA-TM-84374] p 504 N83-27961  
Fuel spray diagnostics  
p 538 N83-29212  
Rotating stall investigations Volume 2 Experimental studies  
[AD-A128745] p 748 N83-34952  
Transactions of the Japan Society for Aeronautical and Space Sciences, Vol 25, No 68  
[ISSN-0549-3811] p 766 N83-36396
- FLUID-SOLID INTERACTIONS**  
Recent studies at NASA-Langley of vortical flows interacting with neighboring surfaces  
p 417 A83-33972
- FLUIDICS**  
Low cost fluidic sensors  
p 735 N83-34897
- FLUIDIZED BED PROCESSORS**  
Pilot-scale assessment of conventional particulate control technology for pressurized fluidized-bed combustion emissions  
[PB82-230921] p 220 N83-13673

FLUORESCENCE

- Rethinking automation in NDT applications p 298 A83-23920  
Lidar remote-sensing - Fluorescence and differential reflectance experiments p 704 A83-45420  
Vacuum fluorescent tubes p 611 N83-30422

FLUORINE ORGANIC COMPOUNDS

- Fluoroelastomers — materials for hostile fluid environments p 469 A83-36066

FLUTTER

- The effect of backlash and trailing-edge strips on the flutter speed of a two-dimensional model of a tailplane with tab p 151 A83-18068  
Friction damping of flutter in gas turbine engine airfoils p 274 A83-24038  
Stochastic control and identification enhancement for the flutter suppression problem p 286 A83-26544  
On the critical speed of empennage flutter with allowance for the rudder p 340 A83-29286  
Application of multiple objective optimization techniques to finite element model tuning — for flutter analysis of T-38 aircraft horizontal stabilizer p 356 A83-29796  
[AIAA 83-1010] p 356 A83-29796  
Design of the flutter suppression system for DAST ARW-1R - A status report p 330 A83-29868  
[AIAA 83-0990] p 330 A83-29868  
Active suppression of aeroelastic instabilities on a forward swept wing p 341 A83-29869  
[AIAA 83-0991] p 341 A83-29869  
Anti-flutter control concept using a reduced non-linear dynamic model of elastic structure aircraft p 341 A83-29870  
[AIAA 83-0993] p 341 A83-29870  
On measuring transonic dips in the flutter boundaries of a supercritical wing in the wind tunnel p 331 A83-29878  
[AIAA 83-1031] p 331 A83-29878  
Stability study of a tilt-rotor aircraft model p 384 A83-31172  
Effects of friction dampers on aerodynamically unstable rotor stages p 392 A83-32791  
[AIAA PAPER 83-0848] p 392 A83-32791  
Active flutter suppression using eigenspace and linear quadratic design techniques p 621 A83-41702  
[AIAA PAPER 82-2222] p 621 A83-41702  
Algorithms for real-time flutter identification p 640 A83-41703  
[AIAA PAPER 83-2223] p 640 A83-41703  
Divergence suppression system for a forward swept wing configuration with wing-mounted stores p 625 A83-41949  
[AIAA PAPER 83-2125] p 625 A83-41949  
Flutter clearance of the horizontal tail of the Bellanca Skyrocket II airplane p 31 N83-10035  
[NASA-TM-84528] p 31 N83-10035  
Analysis of subcritical response measurements from aircraft flutter tests p 52 N83-10269  
Bending-torsion flutter of a highly swept advanced turboprop p 68 N83-11514  
[NASA-TM-82975] p 68 N83-11514  
Application of Zimmerman flutter-margin criterion to a wind tunnel model p 192 N83-12070  
[NASA-TM-84545] p 192 N83-12070  
Flutter substantiation tests on a Transavia PL-12/T-300 Airtruk p 170 N83-14134  
[AIAA 83-11895] p 170 N83-14134  
Measurements of self-excited rotor-blade vibrations using optical displacements p 183 N83-14523  
[NASA-TM-82953] p 183 N83-14523  
Analytical procedures for flutter model development and checkout in preparation for wind tunnel testing of the DAST ARW-1 wing p 170 N83-15317  
[NASA-CR-166023] p 170 N83-15317  
The estimation method on flutter boundary from subcritical random responses due to air turbulences Problems of test procedures and data analysis p 217 N83-17554  
[NAL-TR-718] p 217 N83-17554  
Structural testing for static failure, flutter and other scary things p 234 N83-17899  
[NASA-TM-84606] p 234 N83-17899  
Numerical simulation of transonic flutter of a supercritical wing p 288 N83-18743  
[NAL-TR-7267] p 288 N83-18743  
Development and flight test of an active flutter suppression system for the F-4F with stores Part I Design of the active flutter suppression system p 288 N83-18746  
[AD-A121485] p 288 N83-18746  
Flutter - A finite element program for aerodynamic instability analysis of general shells of revolution with thermal prestress p 288 N83-19756  
[NASA-CR-170013] p 288 N83-19756  
Investigation of an improved finite element model for a repaired T-38 horizontal stabilizer flutter analysis using NASTRAN p 461 N83-25717  
[AD-A124741] p 461 N83-25717  
Flutter prediction in forward-swept wings by assumed modes and strip theory p 461 N83-25719  
[AD-A124715] p 461 N83-25719  
Model mount system for testing flutter p 465 N83-25727  
[NASA-CASE-LAR-12950-1] p 465 N83-25727

- Vibration and aeroelastic facility p 549 N83-29275  
[AD-A126317] p 549 N83-29275  
Advanced composite elevator for Boeing 727 aircraft p 605 N83-30403  
[NASA-CR-172910] p 605 N83-30403  
Linearized two-dimensional oscillatory airforce coefficients and load distributions on thin aerofoils in subsonic flow p 664 N83-32761  
[ESDU-81034] p 664 N83-32761  
Techniques in optimum structural synthesis with static and dynamic constraints p 699 N83-33189
- FLUTTER ANALYSIS  
Prediction of transonic flutter for a supercritical wing by modified strip analysis p 62 A83-10190  
Analysis and flight data for a drone aircraft with active flutter suppression p 29 A83-10192  
Application of matrix singular value properties for evaluating gain and phase margins of multiloop systems — stability margins for wing flutter suppression and drone lateral attitude control p 72 A83-12457  
Aerodynamic characteristics of a slotted vs smooth-skin supercritical wing model p 178 A83-15324  
A program system for dynamic analysis of aeronautical structures /HAJIF-II/ p 215 A83-15545  
System identification and aircraft flutter p 215 A83-15546  
Numerical prediction of choking flutter of axial compressor blades p 160 A83-16458  
[AIAA PAPER 83-0006] p 160 A83-16458  
Dynamic analysis of constant-lift and free-tip rotors p 181 A83-18386  
Flight flutter testing with emphasis on the tip vane method p 152 A83-18435  
[ONERA, TP NO 1982 109] p 152 A83-18435  
The effect of aerodynamic coupling between the blades of a cascade on the aerodynamic damping of blade vibrations and the onset of blading flutter p 182 A83-19312  
Flutter of orthotropic panels in supersonic flow using affine transformations p 228 A83-19821  
Flight test results of an active flutter suppression system p 216 A83-22164  
State-space aeroelastic modeling and its application in flutter calculation p 300 A83-26761  
Application of laser holographic interferometry to vibration analysis of aircraft beam structure model p 300 A83-26765  
Near-real-time flutter boundary prediction from turbulence excited response p 356 A83-29814  
[AIAA 83-0814] p 356 A83-29814  
Flutter and forced response of mistuned rotors using standing wave analysis p 357 A83-29823  
[AIAA 83-0845] p 357 A83-29823  
Flutter analysis of advanced turbopropellers p 357 A83-29824  
[AIAA 83-0846] p 357 A83-29824  
Effects of viscosity on transonic-aeroelastic and aeroelastic characteristics of oscillating airfoils p 312 A83-29835  
[AIAA 83-0888] p 312 A83-29835  
Flutter analysis of a transport wing using XTRAN3S p 357 A83-29848  
[AIAA 83-0922] p 357 A83-29848  
Aeroelastic considerations for continuous patrol/high altitude surveillance platforms p 329 A83-29850  
[AIAA 83-0924] p 329 A83-29850  
Airfoil shape and thickness effects on transonic airloads and flutter p 329 A83-29860  
[AIAA 83-0959] p 329 A83-29860  
The design, testing and analysis of aeroelastically tailored transonic flutter model wings p 330 A83-29876  
[AIAA 83-1027] p 330 A83-29876  
Wind tunnel correlation study of aerodynamic modeling for F/A-18 wing-store tip-missile flutter p 331 A83-29877  
[AIAA 83-1028] p 331 A83-29877  
Transonic interference effects in testing of oscillating airfoils p 313 A83-29883  
[AIAA 83-1032] p 313 A83-29883  
Bending effects on structural dynamic instabilities of transonic wings p 358 A83-29887  
[AIAA 83-0920] p 358 A83-29887  
Test demonstration of digital control of wing/store flutter p 383 A83-30163  
A three degree-of-freedom, typical section flutter analysis using harmonic transonic air forces p 406 A83-32797  
[AIAA PAPER 83-0960] p 406 A83-32797  
Compressible helicoidal surface theory for propeller aerodynamics and noise p 375 A83-32986  
Rigid-body structural mode coupling on a forward swept wing aircraft p 594 A83-41046  
Transonic flutter model study of a supercritical wing and winglet p 579 A83-41954  
[AIAA PAPER 83-2132] p 579 A83-41954  
Flutter investigation of a repaired T-38 horizontal stabilizer using NASTRAN p 641 A83-42541  
Finite element model tuning via multiple objective optimization techniques p 641 A83-42542  
Unsteady aerodynamic forces and flutter analysis for a wing-aeron-tab configuration p 643 A83-43688

- Cascade flutter analysis of cantilevered blades p 740 A83-47958  
[ASME PAPER 83-GT-129] p 740 A83-47958  
Flutter of mistuned turbomachinery rotors p 761 A83-47979  
[ASME PAPER 83-GT-153] p 761 A83-47979  
On the energy characteristics of the aerodynamic matrix and the relationship to possible flutter p 715 A83-48144  
Evaluation of four subcritical response methods for on-line prediction of flutter onset in wind tunnel tests p 753 A83-48212  
Effects of angle of attack on transonic flutter of a supercritical wing p 726 A83-48213  
International Symposium on Aeroelasticity, Nuremberg, West Germany, October 5-7, 1981, Collected Papers [DGLR BERICHT 82-01] p 711 A83-49176  
Unsteady airloads on supercritical wings p 717 A83-49179  
Survey of aeroelastic wind tunnel and flight testing methods at MBB p 753 A83-49181  
Practical applications of system identification in flutter testing p 753 A83-49182  
Experience from flight flutter testing with tip vanes on Airbus p 730 A83-49183  
Identification and control of flutter on military combat aircraft p 730 A83-49187  
Strength-flutter structural optimization of a supersonic cruise combat aircraft p 730 A83-49190  
Active control of near frequency coalescence flutter p 750 A83-49191  
The F-4 flutter suppression program p 730 A83-49192  
Analysis of subcritical response measurements from aircraft flutter tests p 52 N83-10269  
Application of Zimmerman flutter-margin criterion to a wind tunnel model p 192 N83-12070  
[NASA-TM-84545] p 192 N83-12070  
Eigenspace techniques for active flutter suppression p 217 N83-17556  
[NASA-CR-169858] p 217 N83-17556  
Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft p 265 N83-18710  
[NASA-TM-84901] p 265 N83-18710  
Development and application of digital control for tactical aircraft flutter suppression p 343 N83-22108  
Adaptive flutter suppression, analysis and test p 346 N83-22219  
Correlation problems between flutter flight test data and ground tests/calculation results for a variable sweep wing aircraft p 628 N83-30379  
Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft p 628 N83-30380  
Flight flutter testing with emphasis on the tip vane method p 628 N83-30381  
Subcritical flutter testing using the feedback system approach p 629 N83-30718  
Linearized two-dimensional oscillatory airforce coefficients and load distributions on thin aerofoils in supersonic flow — pitching moments p 664 N83-32762  
[ESDU-82005] p 664 N83-32762
- FLY BY WIRE CONTROL  
Air data systems for airplanes of the 1990's p 18 A83-11099  
F-104 CCV research flight test program p 215 A83-20074  
Nonlinear filter for pilot's remnant attenuation p 285 A83-24436  
A discrete tracking control law for nonlinear plants — applied to F-8 aircraft stall recovery p 286 A83-26503  
Self-tuning fly-by-wire control system p 287 A83-26603  
In-flight simulation of a digitally implemented direct force mode — for flight control p 395 A83-32933  
Validation of the KC-10 refueling boom digital control system p 517 A83-37978  
[SAE PAPER 821421] p 517 A83-37978  
Flight-test results using nonlinear control with the F-8C digital fly-by-wire aircraft p 619 A83-41669  
[AIAA PAPER 83-2174] p 619 A83-41669  
Flight clearance of the Jaguar fly by wire aircraft. I p 675 A83-45845  
Flight clearance of the Jaguar-fly-by-wire aircraft. II p 687 A83-45846  
Effect of aircraft configuration and control integration on surface actuation p 727 A83-48347  
[AIAA PAPER 83-2487] p 727 A83-48347  
Piloted handling qualities design criteria for high order flight control systems p 49 N83-10058  
Fly by wire control Towards new norms for judging flight qualities An example The Mirage 2000 p 49 N83-10060  
Antitank missiles night firing from Aerospatiale helicopters p 58 N83-10102  
[SNIAAS-822-320-101] p 58 N83-10102  
Real-time data display for AFTI/F-16 flight testing p 198 N83-13095  
[NASA-TM-84899] p 198 N83-13095

- Advanced flight control system study  
[NASA-CR-163117] p 205 N83-13113
- Advanced flight control system study  
[NASA-CR-163120] p 170 N83-15316
- Progress and pitfalls in advanced flight control systems p 342 N83-22094
- Ground and flight testing on the fly-by-wire Jaguar equipped with a full time quadruplex digital integrated flight control system p 343 N83-22111
- NASA/RAE collaboration on nonlinear control using the F-8C digital fly-by-wire aircraft  
[NASA-TM-84296] p 396 N83-23316
- Induced transients in a simulated lightning test of the fly-by-wire Jaguar aircraft p 586 N83-31196
- Lightning protection design and lightning threat flight clearance of a fly-by-wire flight control system for an unstable aircraft p 629 N83-31234

**FLYING EJECTION SEATS**

- Preliminary analyses of flail, windblast and tumble problems and injuries associated with usage of U.S. Navy Aircrew Automated Escape Systems /AAES/ p 183 A83-15407
- Escape low and hot --- vertical-seeking, steerable ejection seat design for F-14A aircraft p 384 A83-31587
- Vertical seeking ejection seat boosts pilots odds p 525 A83-40305

**FLYING PERSONNEL**

- Flight personnel comment on experience flying new Yak-42 p 194 N83-13061

**FLYING PLATFORMS**

- Bo 105 rotor blade influence on the Calipso FLIR in the mast-mounted observation platform Ophelia p 205 A83-23249
- Putting the microlight to work p 241 A83-23686
- Aeroelastic considerations for continuous patrol/high altitude surveillance platforms  
[AIAA 83-0924] p 329 A83-29850
- Airborne reconnaissance in the civilian sector - Agricultural monitoring from high-altitude powered platforms p 566 A83-39939
- ASTROPLANE - A European airborne observatory for infrared astronomy p 573 A83-40455

**FLYWHEELS**

- Physical properties data compilations relevant to energy storage Part 5 Mechanical properties data on alloys for use in flywheels  
[PB82-232919] p 296 N83-18904
- Design of plywood and paper flywheel rotors  
[DE83-002276] p 304 N83-20430
- Composite hybrid flywheel rotor design optimization and fabrication p 553 N83-28620
- Rotor testing in FY 1982 p 562 N83-28622

**FOAMS**

- Polyurethane foams for aircraft shock mounts 4 Other polyols  
[AD-A119399] p 178 N83-14287

**FOG**

- DFVLR-remote slant visual range (SVR) and wind vector measuring systems p 565 A83-38750
- Suppression of ice fog from the Fort Wainwright, Alaska, cooling pond  
[AD-A123069] p 409 N83-24073
- The USRA workshop report: Electrostatic fog dispersal  
[NASA-CR-170802] p 704 N83-34514

**FOG DISPERSAL**

- The USRA workshop report: Electrostatic fog dispersal  
[NASA-CR-170802] p 704 N83-34514

**FOIL BEARINGS**

- Test experience with turbine-end foil bearing equipped gas turbine engines  
[ASME PAPER 83-GT-73] p 739 A83-47926
- High-temperature (649 deg C/1200 deg F) coatings for gas-lubricated foil bearings of the Navy's advanced auxiliary power unit concepts p 185 N83-15538

**FOKKER AIRCRAFT**

- The digital data acquisition system for the flight testing of the Fokker F29 aircraft  
[NLR-MP-81019-U] p 198 N83-13097
- Transducer selection --- for F29 transport aircraft  
[NLR-MP-81028-U] p 198 N83-13099
- The on-board computer system for the F29 prototype flight test  
[NLR-MP-81034-U] p 209 N83-16339
- The F29 flight test instrumentation and data processing system An overview of requirements, design and organization  
[NLR-MP-81035-U] p 209 N83-16340

**FOOTPRINTS**

- Program to compute the positions of the aircraft and of the aircraft sensor footprints  
[E83-10139] p 234 N83-16814

**FORCE DISTRIBUTION**

- Aerodynamic characteristics of two 10-percent-thick NASA supercritical airfoils with different upper surface curvature distributions --- Langley 8 foot transonic tunnel tests  
[NASA-TM-X-2977] p 5 N83-11026
- Calculation of the lift distribution and aerodynamic derivatives of quasi-static elastic aircraft p 10 N83-11036
- Aerodynamic characteristics of the 10-percent-thick NASA supercritical airfoil 33 designed for a normal-force coefficient of 0.7 p 12 N83-11075
- Strong winds in the atmosphere boundary layer Part 1 Mean hourly wind speeds --- wind loads on buildings and structures  
[ESDU-82026-AMEND-A] p 700 N83-33209

**FORCED VIBRATION**

- Nonlinear forced oscillations of a rotating shaft carrying an unsymmetrical rotor at the major critical speed p 228 A83-20288
- Flutter and forced response of mistuned rotors using standing wave analysis  
[AIAA 83-0845] p 357 A83-29823
- Excitation and vibration of flexible bladed disks under operating and simulated operation conditions p 449 A83-35881
- Variation of rotor blade vibration due to interaction of inlet and outlet distortion p 450 A83-35882
- Design of dry-friction dampers for turbine blades p 450 A83-35883
- Forced and self-excited vibrations of gas-turbine assemblies with perfect and perturbed symmetry p 458 A83-36791
- Analysis of an axial compressor blade vibration based on wave reflection theory  
[ASME PAPER 83-GT-151] p 741 A83-47970
- High-angle-of-attack stability characteristics of a 3-surface fighter configuration  
[NASA-TM-84584] p 288 N83-19757

**FOREBODIES**

- Reductions in parachute drag due to forebody wake effects p 178 A83-15315
- Drag of axisymmetric cowl at zero incidence for subsonic Mach numbers  
[ESDU-81024] p 664 N83-32760

**FORECASTING**

- Worldwide aviation outlook --- for passenger and freight traffic 1982-1992  
[AIAA PAPER 83-1597] p 429 A83-36952
- Oceanic Area System Improvement Study (OASIS) Volume 10 North Atlantic, Central East Pacific, and Caribbean regions aviation traffic forecasts  
[FAA-EM-81-17-VOL-10] p 201 N83-16322
- Review of the FAA 1982 National Airspace System Plan  
[PB83-102772] p 293 N83-19764
- Overview of United States program for modernizing air traffic control and airway facilities p 325 N83-22184
- An analysis of the F-16 aircraft requirements generation process and its adverse impact on contractor rate capacity  
[AD-A123003] p 373 N83-23272
- An evaluation of the pavement condition index prediction model for rigid airfield pavements  
[AD-A123002] p 402 N83-24524
- FAA aviation forecasts Fiscal years 1983-1994  
[AD-A124611] p 416 N83-25652
- Summary of analysis of sources of forecasting errors in BP 1500 requirements estimating process and description of compensating methodology  
[AD-A128548] p 577 N83-31574
- POM (Program Objective Memorandum) FY-85 BP 1500 cost growth and leadtime adjustments Research results  
[AD-A128522] p 654 N83-32667

**FOREST FIRES**

- Static testing to evaluate tanker delivery performance --- distribution of flame retardants in forest fires  
[PB82-179946] p 194 N83-12079

**FORGING**

- Fabrication and heat treatment of a Ni-base superalloy integrally bladed rotor for small gas turbine engine applications p 177 A83-19102
- Success of dye forging titanium discs on a gunpowder hammer p 60 N83-11053
- An evaluation of vacuum centrifuged titanium castings for helicopter components p 178 N83-15439
- Small cracks in large forgings p 701 N83-34109

**FORMAT**

- Picture formatting and hardware considerations p 67 N83-11395
- Evaluation of technology assessments and development of evaluation protocols, project report  
[PB82-197393] p 224 N83-13027

- Evaluation of technology assessments and development of evaluation protocols  
[PB82-197385] p 224 N83-13028
- Pictorial formats Volume 3 Literature review  
[AD-A119223] p 155 N83-14114
- Pictorial formats Volume 1 Format development  
[AD-A119222] p 155 N83-14115

**FORMING TECHNIQUES**

- Advanced castings in the design of military aircraft p 178 N83-15429
- New developments in aluminum and titanium investment castings p 178 N83-15438
- An evaluation of vacuum centrifuged titanium castings for helicopter components p 178 N83-15439
- The quality and control of precision castings for turbomachines p 179 N83-15446

**FORTRAN**

- A dive performance computer program  
[AD-A119407] p 156 N83-14121
- An interactive bombing mission simulation with computer graphics interface  
[AD-A124661] p 481 N83-26637

**FORWARD SCATTERING**

- Particle sizing by measurement of forward-scattered light at two angles  
[NASA-TP-2156] p 395 N83-24509

**FOSSIL FUELS**

- Hot corrosion in gas turbines  
[AD-A127425] p 617 N83-30433

**FOURIER ANALYSIS**

- Flight and simulation test analysis system  
[AD-A125614] p 528 N83-27986

**FOURIER SERIES**

- Subsonic wall interference corrections for finite-length test sections using boundary pressure measurements p 348 N83-20967

**FOURIER TRANSFORMATION**

- Laboratory modeling and analysis of aircraft-lightning interactions  
[NASA-CR-169455] p 15 N83-10023

**FRACTURE MECHANICS**

- Fatigue life evaluation of the A-7E arresting gear hook shank p 175 A83-13912
- Damage tolerance assessment of the A-7D aircraft structure p 204 A83-21771
- Progress in the practical applications of fracture mechanics p 230 A83-21796
- Practical application of fracture mechanics p 230 A83-21799
- The lateral buckling-fracture stability of thin-sheet structural components with deep cracks p 298 A83-24648
- Application of fracture mechanics for selection of metallic structural materials -- Book p 295 A83-25317
- Design, materials selection and failure analysis p 295 A83-25325
- An analysis of the durability characteristics of aircraft structures on the basis of fracture mechanics p 354 A83-28477
- Statistical crack propagation in fastener holes under spectrum loading  
[AIAA 83-0808] p 356 A83-29808
- Fracture mechanics in design - Particular reference to the thickness effect on the risk of unstable fracture p 558 A83-39547
- Practical applications of fracture mechanics in aircraft and aerospace structural problems  
[AD-A118321] p 68 N83-11520
- Analysis of a turbine rotor containing a transverse crack at Oak Creek Unit 17 p 186 N83-15632
- Development of fracture mechanics concepts applicable to aircraft structures p 302 N83-19135
- Longitudinal joint systems in slip-formed rigid pavements Volume 5 Summary of field test results from Chicago O'Hare International Airport  
[FAA-RD-79-4-5] p 293 N83-19762
- Damage tolerance of fibre composite laminates p 636 N83-30533
- Design technology of advanced composites  
[AD-A127892] p 638 N83-31735
- Flight-systems safety program p 653 N83-32575
- Lifetime prediction methods for corner cracks at holes --- in airframe components p 700 N83-33233
- Behaviour of Short Cracks in Airframe Components  
[AGARD-CP-328] p 700 N83-34095
- Mechanics and physics of the growth of small cracks p 700 N83-34096
- An assessment of the importance of small crack growth to aircraft design p 680 N83-34098
- Use of small crack data to bring about and quantify improvements to aircraft structural integrity p 680 N83-34099



## SUBJECT INDEX

- Probabilistic fracture mechanics analysis methods for structural durability p 701 N83-34104
- FRACTURE STRENGTH**
- The effect of loading rates, temperature and moisture on the fracture toughness of polycarbonate p 223 A83-20497
- Fracture tough composites - The effect of toughened matrices on the mechanical performance of carbon fiber reinforced laminates p 294 A83-23642
- Fracture behavior of hybrid composite laminates [AIAA 83-0804] p 350 A83-29736
- The residual strength of prefabricated structures made of pressed panels of D16chT alloy and its modifications p 406 A83-32075
- Engineering property comparisons of 7050-T73651, 7010-T7651 and 7010-T73651 aluminum alloy plate p 403 A83-32340
- Titanium fan disc Structural Life Prediction/Correlation program [SAE PAPER 821437] p 557 A83-37985
- On the fail-safe characteristics of stiffened panels [DFVLR-FB-83-08] p 562 N83-28501
- FRAGMENTATION**
- Containment of turbine engine fan blades p 449 A83-35871
- Expansion of the scan endgame program for aircraft survivability studies and development of a supporting user's guide [AD-A127557] p 608 N83-31598
- FRAMES**
- Design concepts for low cost composite engine frames [AIAA PAPER 83-2445] p 745 A83-48331
- Service operation of a CFRP window frame in short fiber pressing [BMFT-FB-W-82-021] p 233 N83-17749
- Lattice structures Part 1 Mean fluid forces on single and multiple plane frames [ESDU-81027-PT-1-AMEND-A] p 699 N83-33201
- FREE BOUNDARIES**
- The transition and dynamics of bounded and free shear layers [AD-A118665] p 217 N83-12380
- FREE FLIGHT**
- Effective aerodynamic parameter evaluation from free flight tests p 203 A83-21005
- Reynolds number effects on transonic shock location p 347 N83-20961
- Evaluation of aerodynamic derivatives from Do-28-TNT free-flight model tests [ESA TT-784] p 442 N83-25706
- The use of free-flight models for the prediction of departure control p 593 N83-30368
- Detection and ranging of electric charged helicopters p 607 N83-31189
- FREE FLOW**
- Development of analytical and experimental techniques for determining store airload distributions p 8 A83-13077
- Free stream noise and transition measurements in a Mach 3.5 pilot quiet tunnel [AIAA PAPER 83-0042] p 171 A83-16482
- Aircraft icing roughness features and its effect on the icing process [AIAA PAPER 83-0111] p 188 A83-16527
- Water tunnel construction for continuous mode flow visualization [AIAA PAPER 83-0657] p 172 A83-16821
- Contouring tunnel walls to achieve free-air flow over a transonic swept wing [AIAA PAPER 83-1725] p 492 A83-37211
- An experimental study of dynamic stall on advanced airfoil section Volume 2 Pressure and force data [NASA-TM-84245-VOL-2] p 179 N83-12048
- Influence of a large free stream disturbance level on dynamics of a jet in a cross flow p 562 N83-29217
- FREE JETS**
- Comparison of measured and predicted flight effects on high-bypass coaxial jet exhaust noise [AIAA PAPER 83-0749] p 308 A83-26450
- FREE VIBRATION**
- An investigation into the effect of coolant flow on the vibration characteristics of hollow blades conveying fluid [ASME PAPER 83-GT-217] p 762 A83-48017
- FREE WING AIRCRAFT**
- Wind tunnel tests of a free-wing/free-trimmer model [NASA-CR-170394] p 137 N83-15263
- FREEZING**
- Operational effects of increased freeze point fuels in military airplanes [AIAA PAPER 83-1139] p 550 A83-38077
- Fuel/engine/airframe trade-off study Operational effects of increased freeze point fuels [AD-A121688] p 351 N83-21169

- A model for nocturnal frost formation on a wing section Aircraft takeoff performance penalties [NASA-CR-3733] p 768 N83-36598
- FREIGHTERS**
- A new class ACV - Tanker-freighter p 485 A83-35053
- FREQUENCIES**
- Rotor vibration caused by external excitation and rub p 187 N83-15637
- Structural model tuning via vector optimization [AD-A124791] p 477 N83-26103
- Propagation prediction usage in automated frequency assignments based on cosine and remote system spectrum sharing p 645 N83-30905
- Background study on efficient use of the 2700-2900 MHz band [PB83-214288] p 766 N83-36352
- FREQUENCY ASSIGNMENT**
- A mm-wave collision warning device for helicopters p 645 N83-30895
- FREQUENCY CONVERTERS**
- On the design and test of an advanced containment structure for PM machines --- in aircraft electrical power systems p 40 A83-11206
- The 60-Hz to 400-Hz electrical power conversion [AD-A122040] p 302 N83-20007
- FREQUENCY DISTRIBUTION**
- Advanced flight control design techniques and handling quality requirements p 51 N83-10075
- FREQUENCY DIVISION MULTIPLEXING**
- Application of video multiplexing to design of cockpit display systems [AD-A122127] p 271 N83-19752
- FREQUENCY MODULATION**
- Instrument landing system localizer receiver performance in the presence of co-channel interference [AD-A118909] p 188 N83-13089
- FREQUENCY RANGES**
- Comparison of the Mode S system to the Automated Radar Terminal System (ARTS) with respect to range and azimuth resolution [AD-A118247] p 27 N83-11104
- Optimal passive frequency response control of helicopters by added structures p 526 N83-27976
- FREQUENCY RESPONSE**
- Helicopter vibration reduction by local structural modification p 215 A83-16028
- Measurement of the frequency response of a digital autopilot [AIAA PAPER 83-0326] p 176 A83-16655
- Response of a supersonic inlet to downstream perturbations [AIAA PAPER 83-2017] p 422 A83-36403
- FREQUENCY STANDARDS**
- A demonstration of relative positioning using conventional GPS Doppler receivers p 199 A83-19779
- Phase 2A bench model development tactical rubidium frequency standard [AD-A124462] p 477 N83-25990
- FRESH WATER**
- Water survival 20 years Canadian Forces aircrew experience [AD-A125401] p 509 N83-27969
- FRETTING**
- An evaluation of fretting at small slip amplitudes p 177 A83-17254
- Fatigue failure under fretting conditions p 224 A83-21481
- Protective coatings against fretting in aircraft engine construction [BLL-CE-TRANS-7736-(9022 09)] p 351 N83-21102
- FRICTION**
- Friction damping of flutter in gas turbine engine airfoils p 274 A83-24038
- Tribology p 215 N83-12167
- Rotor vibration caused by external excitation and rub p 187 N83-15637
- An experiment to improve the surge margin by use of cascade with splitter blades p 283 N83-18956
- Large airplane operations on contaminated runways [PB83 917003] p 510 N83-29189
- FRICTION DRAG**
- Friction drag and other design parameters for acoustic face sheets --- for aircraft noise reduction [AIAA PAPER 83-0780] p 307 A83-25962
- Friction drag measurements of acoustic surfaces [AIAA PAPER 83-1356] p 422 A83-36414
- FRICTION FACTOR**
- Calculation of friction and heat transfer on the profile of a turbomachine cascade p 716 A83-48449
- FRICTION REDUCTION**
- Research on non-planar wall geometries for turbulence control and skin-friction reduction p 374 A83-31975

## FUEL CONSUMPTION

- Effects of friction dampers on aerodynamically unstable rotor stages [AIAA PAPER 83-0848] p 392 A83-32791
- FROST**
- A model for nocturnal frost formation on a wing section Aircraft takeoff performance penalties [NASA-CR-3733] p 768 N83-36598
- FUEL COMBUSTION**
- Tests of blending and correlation of distillate fuel properties p 59 A83-11050
- Multifuel evaluation of rich/quench/lean combustor p 59 A83-11492
- A study of transverse turbulent jets in a cross flow --- for gas turbine combustion process modelling p 42 A83-13100
- Effects of envelope flames on drop gasification rates in turbulent diffusion flames p 222 A83-19846
- Investigation of slurry fuel performance for use in a ramjet propulsor p 223 A83-21014
- Future fuels for turbojet engines and their impacts on combustion chambers and fuel systems [DGLR PAPER 82-089] p 295 A83-24201
- Fuel character effects on the TF41 engine combustion system p 391 A83-30190
- New trends in combustion research for gas turbine engines p 446 A83-35806
- Methanol combustion in a CF61-80A engine combustor [AIAA PAPER 83-1138] p 469 A83-36241
- Effect of fuel composition on Navy aircraft engine hot section components [AIAA PAPER 83-1147] p 450 A83-36244
- Application of 3D aerodynamic/combustion model to combustor primary zone study [AIAA PAPER 83-1265] p 454 A83-36316
- Increasing the combustion efficiency of fuel in an air heating chamber operating on a pre-vaporized fuel p 614 A83-42151
- Rheological behavior of FM-9 solutions and correlation with flammability test results and interpretations --- fuel thickening additive p 691 A83-44856
- Mixing and fuel atomisation effects on premixed combustion performance [ASME PAPER 83-GT-55] p 738 A83-47911
- A theoretical study of the nonstationary combustion of a gasifiable solid fuel during a pressure drop p 758 A83-49763
- The formation of carbon monoxide during turbulent diffusion combustion --- for aircraft gas turbine combustion chambers p 758 A83-49769
- Analysis of the effects of explosive fuel ignition on an aircraft noise suppressor system p 43 A83-10247
- Multifuel evaluation of rich/quench/lean combustor [NASA-TM-82986] p 69 N83-10559
- New trends in combustion research for gas turbine engines [NASA-TM-83338] p 338 N83-20947
- Thermodynamics of organic compounds [AD-A125022] p 483 N83-27895
- Numerical simulation for droplet combustion using Lagrangian hydrodynamics p 537 N83-29210
- Structure of evaporating and combusting sprays Measurements and predictions p 538 N83-29211
- Fuel spray diagnostics p 538 N83-29212
- Pollutant formation in monodisperse fuel spray combustion p 538 N83-29213
- Fuel vaporization effects p 553 N83-29214
- The NASA broad-specification fuels combustion technology program An assessment of phase 1 test results [NASA-TM-83447] p 539 N83-29236
- Broad specification fuels technology program, phase 1 [NASA-CR-168180] p 637 N83-30551
- Reformed alcohol fuels for combustion turbines Technical and economic feasibility assessment [DE82-013921] p 694 N83-34071
- FUEL CONSUMPTION**
- Estimation of aircraft fuel consumption p 29 A83-10186
- The cleaning of the exterior of the aircraft p 175 A83-14325
- Powerplants 1 --- turbofan engine design for aircraft p 199 A83-14951
- Rolls-Royce RB 211-535 power plant p 199 A83-15311
- Fuel-optimal aircraft trajectories with fixed arrival times p 191 A83-16115
- Efficiency improved turboprop [AIAA PAPER 83-0059] p 160 A83-16491
- The application of energy saving concepts to future fighter/attack aircraft design [AIAA PAPER 83-0092] p 149 A83-16516
- Optimization of variable-altitude flyback maneuvers --- for rocket-propelled lifting vehicles [AIAA PAPER 83-0282] p 149 A83-16627

- Loran-C RNAV - The best near-term solution to air operations in northeastern North America p 144 A83-18822
- Fuel savings in air transport p 138 A83-19150
- Optimal processing of the correction data of an aircraft fuel-measurement system p 159 A83-19177
- The automated cockpit p 208 A83-20849
- The Fokker F28 and a four-engine newcomer p 204 A83-21349
- PW 4000 - A radically new jet engine being developed in the USA p 212 A83-23239
- Energy conservation in air transportation - The Canadian Air Traffic Control Effort p 318 A83-29393
- All-electric vs conventional aircraft - The production/operational aspects p 386 A83-32576
- Advanced turboprop cargo aircraft systems study p 386 A83-32582
- Advanced navigation systems and fuel conservation p 428 A83-33545
- New concept in hovercraft design diesel versus gas turbines p 485 A83-34860
- Some aspects of development of power plant optimum control to increase aircraft fuel efficiency p 447 A83-35841
- Flight management concepts development for fuel conservation p 447 A83-35843
- Effect of fuel composition on Navy aircraft engine hot section components [AIAA PAPER 83-1147] p 450 A83-36244
- Concepts for increased power and enhanced fuel conservation with newly patented multiple power-cycle gas turbine engines [AIAA PAPER 83-1209] p 452 A83-36282
- The recipe for re-engining jet transports [SAE PAPER 821441] p 518 A83-37989
- Parametric study of factors affecting the fuel efficiency of advanced turboprop airplanes [AIAA PAPER 83-1823] p 520 A83-38655
- Meteorological data requirements for fuel efficient flight p 565 A83-38760
- 4 D fuel-optimal guidance in the presence of winds [AIAA PAPER 83-2242] p 592 A83-41719
- Weight reduction for fuel economy [SAE PAPER 1469] p 602 A83-43743
- Wing tip devices for energy conservation and other purposes Experimental and analytical work in progress at the Lockheed-Georgia Company p 659 A83-44358
- Saving fuel with the wide-chord fan p 744 A83-48174
- Design integration of laminar flow control for transport aircraft [AIAA PAPER 83-2440] p 731 A83-49577
- The fuel efficient jet engine [PNR-90114] p 45 N83-11136
- Energy efficient engine Flight propulsion system preliminary analysis and design [NASA-CR-159859] p 201 N83-12094
- Efficiency improved turboprop [AD-A118819] p 202 N83-12096
- Aircraft thrust/power management can save defense fuel, reduce engine maintenance costs, and improve readiness [GAO/PLRD-82-74] p 139 N83-14074
- Improving energy efficiency of major weapon systems [AD-A119563] p 155 N83-14116
- Symposium on Commercial Aviation Energy Conservation Strategies Papers and presentations [AD-A107106] p 188 N83-17455
- Potential fuel savings through improved airframe maintenance p 188 N83-17456
- Development of a procedure for calculating the effects of airfoil erosion on aircraft engine compressor performance p 213 N83-17457
- Aircraft towing feasibility study p 207 N83-17458
- An overview of the DOT/FAA aviation energy conservation policy p 235 N83-17460
- Flight preparation and planning p 188 N83-17462
- Fuel conservation techniques in jet transport aircraft operations p 198 N83-17463
- Air traffic control Its effect on fuel conservation p 202 N83-17464
- Computerized engine and airplane performance monitoring programs p 188 N83-17465
- Slidestop indication system p 210 N83-17466
- Turbine engine fuel conservation by fan and compressor profile control p 213 N83-17467
- A practical economic criterion for fuel conservation p 239 N83-17468
- Minimum-fuel turning climbout and descent guidance of transport jets [NASA-TM-84289] p 217 N83-17552
- Aircraft accident report. Reeve Aleutian Airways, Nihon YS-11A, N169RV, King Salmon, Alaska, February 18, 1982 [PB82-910414] p 249 N83-18700
- A reappraisal of transport aircraft needs 1985 - 2000 Perceptions of airline management in a changing economic, regulatory, and technological environment [NASA-CR-165887] p 249 N83-18701
- Farfield inflight measurement of high-speed turboprop noise [NASA-TM-83327] p 367 N83-21895
- Air Traffic Control in Face of Users' Demand and Economy Constraints [AD-A127146] p 325 N83-22177
- Fuel conservation and economy constraints p 362 N83-22179
- The airline facing the present crisis p 320 N83-22180
- Industry's assessment of the number of airplanes in the general aviation fleet along with their hours flown and fuel consumption data powered by what type of engines, when and for what reasons, through the year 2000 p 352 N83-22445
- Description of the computations and pilot procedures for planning fuel-conservative descents with a small programmable calculator [NASA-TM-85642] p 444 N83-25707
- Fuel conservation evaluation of US Army helicopters Part 3 UH-1H flight testing [AD-A125667] p 527 N83-27985
- OPTIM Computer program to generate a vertical profile which minimizes aircraft fuel burn or direct operating cost. User's guide [NASA-CR-166061] p 569 N83-30061
- Nacelle Aerodynamic and Inertial Loads (NAIL) project [NASA-CR-168712] p 605 N83-30402
- Comparison of a propfan/turbopan engine by thermodynamic cycle calculations [DFVLR-MITT-82-18] p 617 N83-30434
- Fuel conservation evaluation of U.S. (United States) Army helicopters Part 4 OH-58C flight testing [AD-A127422] p 637 N83-30673
- Potential fuel savings of specific ATC system improvements [AD-A126449] p 669 N83-33861
- Effect of advanced technology and a fuel efficient engine on a subsonic-cruise executive jet with a small cabin [NASA-CR-172190] p 679 N83-33876
- The NASA High Accuracy Fuel Flowmeter (HAFF) development program [NASA-TM-83484] p 682 N83-33883
- FUEL CONTAMINATION**
- The removal of metals from a jet fuel using a manganese catalyst p 350 A83-28775
- Monitoring the contamination of jet fuels by corrosion inhibitors p 757 A83-48544
- FUEL CONTROL**
- Closed-loop engine fuel system simulation [SAE PAPER 821374] p 532 A83-37964
- Potential benefits of a Full Authority Digital Electronic Control (FADEC) installed on a TF30 engine in an F14 flight test demonstrator aircraft p 543 N83-29269
- FUEL FLOW**
- Methods for calculating the stabilization limits of a flame of inhomogeneous mixtures using a bluff body p 41 A83-11512
- High accuracy fuel flowmeter, phase 1 [NASA-CR-167893] p 359 N83-21314
- A new approach to reheat control p 543 N83-29268
- The NASA High Accuracy Fuel Flowmeter (HAFF) development program [NASA-TM-83484] p 682 N83-33883
- FUEL FLOW REGULATORS**
- Electrohydraulic fuel-flow regulator for gas turbine-engine control systems p 458 A83-38793
- FUEL INJECTION**
- Trajectory with diffusion method for predicting the fuel distribution in a transverse stream [AIAA PAPER 83-0338] p 161 A83-16662
- Transverse jet break-up and atomization with rapid vaporization along the trajectory [AIAA PAPER 83-0419] p 161 A83-16702
- Effect of air, liquid and injector geometry variables upon the performance of a plain-jet airblast atomizer p 473 A83-35809
- A JT8D low emissions combustor by radial zoning [AIAA PAPER 83-1324] p 455 A83-36339
- Influence of atomizer design features on mean drop size p 612 A83-40865
- Hydrogen aspiration in a direct injection type diesel engine Its effects on smoke and other engine performance parameters p 642 A83-42956
- A reverse flow chamber for small turbomachines [ONERA, TP NO 1983-30] p 683 A83-44309
- The Rolls-Royce annular vaporizer combustor [ASME PAPER 83-GT-49] p 738 A83-47908
- Experimental investigation of fuel distribution in a transverse stream [ASME PAPER 83-GT-207] p 743 A83-48008
- Spontaneous ignition characteristics of hydrocarbon fuel-air mixtures p 554 N83-29231
- Effects of percentage of blockage and flameholder downstream counterbores on lean combustion limits of premixed, pre-vaporized propane-air mixture [NASA-TP-2227] p 746 N83-34941
- FUEL OILS**
- Use of pyrolysis-derived fuel in a gas turbine engine [ASME PAPER 83-GT-96] p 755 A83-47942
- Emergency fuels technology [AD-A125275] p 471 N83-25904
- FUEL PUMPS**
- Component life reduction due to use of AVGAS in gas turbine engines p 449 A83-35869
- FUEL SPRAYS**
- Characteristic time ignition model extended to an annular gas turbine combustor p 39 A83-10666
- Prediction of liquid fuel spray capture by v-gutter downstream of plain orifice injector under uniform cross air-flow [AIAA PAPER 83-0153] p 160 A83-16559
- Effects of envelope flames on drop gasification rates in turbulent diffusion flames p 222 A83-19846
- Degradation and characterization of antismoking kerosene p 294 A83-24035
- Application of digital image analysis techniques to antismoking fuel spray characterization [ASME PAPER 82-WA/HT-23] p 295 A83-25690
- Effect of air, liquid and injector geometry variables upon the performance of a plain-jet airblast atomizer p 473 A83-35809
- Further study on the prediction of liquid fuel spray capture by v-gutter downstream of a plain orifice injector under uniform cross air flow p 473 A83-35810
- Further studies on the prediction of spray evaporation rates -- for aircraft fuels p 468 A83-35811
- The effect of fuel atomization on soot-free combustion in a prevaporizing combustor p 446 A83-35812
- Mixing and fuel atomisation effects on premixed combustion performance [ASME PAPER 83-GT-55] p 738 A83-47911
- The effect of hydrocarbon structure upon fuel sooting tendency in a turbulent spray diffusion flame [ASME PAPER 83-GT-90] p 755 A83-47937
- Experimental investigation of fuel distribution in a transverse stream [ASME PAPER 83-GT-207] p 743 A83-48008
- Drop size measurements in evaporating realistic sprays of emulsified and neat fuels [ASME PAPER 83-GT-231] p 756 A83-48027
- Fundamental investigation of jet engine ignition of fuel sprays and its application p 693 N83-32734
- FUEL SYSTEMS**
- Closed-loop engine fuel system simulation [SAE PAPER 821374] p 532 A83-37964
- Light aircraft piston engine carburetor ice detector/warning device sensitivity/effectiveness [AD-A117745] p 38 N83-10041
- Aviation Gasolines and Future Alternatives [NASA-CP-2267] p 352 N83-22442
- FAA certification requirements for future fuels, fuel systems and powerplants p 352 N83-22443
- Fuel supply and distribution Fixed base operation p 353 N83-22449
- Future of alternate fuels for turbine engines p 353 N83-22453
- The NASA broad-specification fuels combustion technology program An assessment of phase 1 test results [NASA-TM-83447] p 539 N83-29236
- The trend of future gas turbine technology [NASA-TM-83505] p 712 N83-34886
- Study of LH2-fueled topping cycle engine for aircraft propulsion [NASA-TM-83466] p 746 N83-34942
- Apparatus for improving the fuel efficiency of a gas turbine engine [NASA-CASE-LEW-13142-1] p 748 N83-36029
- FUEL TANKS**
- Trim Tank system for optimizing drag at the center of gravity [DGLR PAPER 82-030] p 284 A83-24156
- The AH-64 nitrogen inerting unit p 263 A83-25895
- Performance tests of two inert gas generator concepts for airplane fuel tank inerting [AIAA PAPER 83-1140] p 519 A83-38078
- Aircraft flexible tanks general design and installation recommendations [SAE ARP 1664] p 519 A83-38102
- Savings can be made by using compressed air when testing aircraft for fuel leaks [GAO/PLRD-83-69] [B-207202] p 576 N83-30355
- FUEL TESTS**
- Tests of blending and correlation of distillate fuel properties p 59 A83-11050

- A carbon-13 and proton nuclear magnetic resonance study of some experimental refinery broadened-specification /ERBS/ turbine fuels p 59 A83-11482
- The effect of the jet fuel temperature on wear rates during the friction of sliding and rolling p 210 A83-16145
- A rapid method for determining the initial boiling point and the saturated-vapor pressure of petroleum products -- jet fuel tests in railroad tank cars p 229 A83-20962
- Flight testing with hot JP-4 fuel -- in helicopter suction fuel systems p 277 A83-24831
- Some fuel effects on carbon formation in gas turbine combustors p 350 A83-29392
- Jet fuels based on West Siberian oils p 403 A83-32077
- The effect of products based on higher fatty acids on the performance characteristics of jet fuels p 468 A83-34500
- Feasibility of a full-scale degrader for antimisting kerosene [AIAA PAPER 83-1137] p 469 A83-36240
- Thermal stability of alternative aircraft fuels [AIAA PAPER 83-1143] p 470 A83-36243
- Testing of antimisting kerosene in the DC-10/KC-10 fuel system simulator [SAE PAPER 821485] p 550 A83-38004
- Operational effects of increased freeze point fuels in military airplanes [AIAA PAPER 83-1139] p 550 A83-38077
- Operation of an aircraft engine using liquefied methane fuel p 576 A83-43239
- Autogas flight test in a Cessna 150 airplane [SAE PAPER 830706] p 599 A83-43317
- Companion-effects of broadened property jet fuels on older and modern J79 combustors [ASME PAPER 83-GT-81] p 739 A83-47934
- Monitoring the contamination of jet fuels by corrosion inhibitors p 757 A83-48544
- Gas turbine demonstration of pyrolysis Derived fuels [DE82-007193] p 553 A83-28273
- FUEL-AIR RATIO**
- Methods for calculating the stabilization limits of a flame of inhomogeneous mixtures using a bluff body p 41 A83-11512
- Design of a low emission combustor for an automotive gas turbine [AIAA PAPER 83-0338] p 179 A83-16684
- Sooting tendency of fuels containing polycyclic aromatics in a research combustor p 225 A83-23138
- An experimental study of an annular film-evaporation combustion chamber in a low-power gas turbine engine p 273 A83-23443
- Effect of volatility on air-fuel ratio distribution and torque output of a carbureted light aircraft piston engine [FAA-CT-82-117] p 393 A83-23308
- Analytical modeling of operating characteristics of premixing prevaporizing fuel-air mixing passages p 537 A83-29209
- Fuel spray diagnostics p 538 A83-29212
- Fuel vaporization effects p 553 A83-29214
- FUELS**
- An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications [AD-A121228] p 215 A83-17549
- Emergency fuels technology [AD-A125275] p 471 A83-25904
- An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications [AD-A125025] p 471 A83-27034
- Gas turbine demonstration of pyrolysis Derived fuels [DE82-007193] p 553 A83-28273
- FULL SCALE TESTS**
- The development and application of a full scale wide-body test article to study the behavior of interior materials during a post crash fire p 173 A83-18373
- Full scale test of the C22 target in the ONERA S1MA wind tunnel [ONERA, TP NO 1982-95] p 152 A83-18430
- Model and full-scale studies of the exhaust noise from a bypass engine in flight [AIAA PAPER 83-0751] p 337 A83-28019
- Principal site testing of the F/A-18 at the Naval Air Test Center p 387 A83-32935
- Canadian forces tracker aircraft full-scale fatigue test at the National Aeronautical Establishment p 433 A83-33548
- Full-scale measurements of blade-vortex interaction noise p 435 A83-35947
- Natural laminar flow data from full-scale flight and wind-tunnel experiments p 422 A83-36409
- Advanced technology wing structure [SAWE PAPER 1487] p 644 A83-43754
- Model test and full-scale checkout of dry-cooled jet runup sound suppressors p 753 A83-48217

**FUNCTIONAL ANALYSIS**

- Flight testing operations procedure [AD-A116984] p 26 A83-10030
- FUNCTIONAL DESIGN SPECIFICATIONS**
- The impact of missions on the preliminary design of an ABC rotor [SAWE PAPER 1501] p 603 A83-43760
- FUNCTIONS (MATHEMATICS)**
- An adjustment method and engineering realization for control curves of the 2-variable function p 32 A83-11045
- FURNACES**
- Development of advanced heating facility concepts for microgravity application p 633 A83-31653
- FUSELAGES**
- The application of nonlinear analysis techniques to practical structural design problems p 65 A83-12765
- Numerical simulation of wing-fuselage interference p 177 A83-13129
- A study of the corrosion activity of the fuselage condensate of passenger aircraft p 190 A83-15398
- Numerical simulation of wing-fuselage aerodynamic interaction [AIAA PAPER 83-0225] p 132 A83-16595
- Theoretical and experimental evaluation of transmission loss of cylinders -- as idealized aircraft fuselages p 237 A83-19808
- A superelement analysis of stiffened shells -- Russian book on aircraft fuselage structures p 202 A83-20392
- The development of advanced composite front fuselage technology p 202 A83-20464
- Fuselage-lifting surfaces interaction in unsteady subsonic flow -- French thesis p 189 A83-22093
- Application of the matrix method of forces for the calculation of aircraft structures p 232 A83-23221
- Direct measurement of transmission loss of aircraft structures using the acoustic intensity approach p 327 A83-28185
- On an algorithm for solving the incomplete eigenvalue problem in the vibration analysis of complex structures of fuselage type p 354 A83-29278
- The effect of acoustic-thermal environments on advanced composite fuselage panels [AIAA 83-0955] p 357 A83-29857
- Acoustic fatigue test evaluation of adhesively bonded aluminum fuselage panels using FM 73/BR 127 adhesive/primer system [AIAA 83-0999] p 358 A83-29874
- Generalization of the results of calculations of the stressed state of structures with cutouts -- such as wing and fuselage combinations p 556 A83-37268
- Aerodynamic loads on the rear part of a fuselage behind a swept wing in supersonic flow p 494 A83-37562
- Convair 990 transonic flow-field simulation about the forward fuselage [AIAA PAPER 83-1785] p 496 A83-38626
- The combination of a geometry generator with transonic design and analysis algorithms [AIAA PAPER 83-1862] p 500 A83-38689
- Apparent mass coefficients for isosceles triangles and cross sections formed by two circles -- in slender body fuselage aerodynamics p 675 A83-43973
- Three-dimensional boundary-layer calculations in design aerodynamics p 662 A83-47034
- Automatized bonding process for load-bearing aircraft cellular structural components in light contour systems p 709 A83-47198
- Crash tests of four low-wing twin-engine airplanes with truss-reinforced fuselage structure [NASA-TP-2070] p 67 A83-10442
- Wind-tunnel investigation of several high aspect-ratio supercritical wing configurations on a wide-body-type fuselage [NASA-TM X-71996] p 11 A83-11070
- A NASTRAN model of a large flexible swing wing bomber Volume 4 NASTRAN model development-fuselage structure [NASA-CR 170392-VOL 4] p 154 A83-14110
- Rotor-fuselage interference on engine internal aerodynamics in maneuvering high speed rotorcraft p 193 A83-17480
- Studies on blade-to-blade and rotor-fuselage-tail interferences -- in helicopters [MBB-351-82-O-E] p 195 A83-17521
- The vibration characteristics of a coupled helicopter rotor-fuselage by a finite element analysis [NASA-TP 2118] p 265 A83-18714
- Impact behavior of fibrous composition and metal substructures [AD-A121618] p 296 A83-18858
- Preliminary rotor wake measurements with a laser velocimeter [NASA-TM-83246] p 301 A83-19018
- Pressures measured in flight on the aft fuselage and external nozzle of a twin-jet fighter [NASA TP 2017] p 424 A83-25665

- Wind tunnel investigation of cargo extraction parachutes in the wake of a Lockheed C-141B Starlifter aircraft [AD-A124523] p 425 A83-25675
- Advanced manufacturing development of a composite empennage component for L-1011 aircraft [NASA-CR-172659] p 440 A83-25693
- NOVA-2S correlation with KC-135A fuselage shock tube test results [AD-A124013] p 466 A83-25732
- Experimental study of main rotor/tail rotor/airframe interactions in hover Volume 1 Text and figures [NASA-CR-166485] p 427 A83-26820
- Adapter for mounting a microphone flush with the external surface of the skin of a pressurized aircraft [NASA-CASE-FRC-11072-1] p 526 A83-27975
- Optimal passive frequency response control of helicopters by added structures p 526 A83-27976
- Small transport aircraft technology propeller study [NASA-CR-168045] p 506 A83-29178
- Aircraft applications p 636 A83-30536
- Vibration analysis of a helicopter plus an externally-attached structure p 607 A83-30769

**G****GAME THEORY**

- Conflict of interest wind modeling in aircraft response study p 189 A83-13158
- Pursuit-evasion between two realistic aircraft [AIAA PAPER 83-2119] p 651 A83-41944
- An eccentric two-target differential game model for qualitative air-to-air combat analysis [AIAA PAPER 83-2122] p 575 A83-41947
- A piloted flight simulator study of conflict of interest wind modelling techniques [UTIAS-TN-238] p 401 A83-23329
- On pursuit-evasion between two realistic aircraft [SAAB-TN-AE-75] p 705 A83-33641

**GAS BAGS**

- A new static launch method for plastic balloons p 548 A83-39816

**GAS BEARINGS**

- Hypersonic dynamic testing of ablating models with three-degree-of freedom gas bearings p 753 A83-48135
- High-temperature (649 deg C/1200 deg F) coatings for gas-lubricated foil bearings of the Navy's advanced auxiliary power unit concepts p 185 A83-15538
- Application of dynamic gas bearings to cryogenic compressors and turbines p 185 A83-15540
- Design analysis of a self acting spiral-groove ring seal for counter-rotating shafts [NASA-TP-2142] p 458 A83-25712

**GAS COOLING**

- Model test and full-scale checkout of dry-cooled jet runup sound suppressors p 753 A83-48217

**GAS DISCHARGE TUBES**

- Large area gas discharge displays or plasma displays p 611 A83-30423

**GAS DYNAMICS**

- The diagnostics of disturbances in components of turbojet engines with gasdynamics parameter monitoring p 199 A83-15850
- Determination of full pressure losses in stepped annular diffusers with rectilinear outer walls and a uniform velocity field at the inlet p 613 A83-42130
- Supersonic nozzle design for a low density wind tunnel [INPE-2753-PRE/329] p 631 A83-30437

**GAS FLOW**

- Aerodynamic drag in two-phase flows p 135 A83-17408
- The distribution of the disperse fraction of a polydisperse jet injected into a gas flow p 473 A83-34472
- Gas turbine engines p 532 A83-37274
- Heat transfer at the tip of an unshrouded turbine blade p 642 A83-42706
- An efficient fully implicit simulator [CSS-126] p 176 A83-15322
- Early experience in using the Cryogenic Test Facility at RAE Bedford, England p 465 A83-25726

**GAS GENERATORS**

- Aspects of the T56 power section usage/operating costs [AIAA PAPER 83-1408] p 457 A83-36397
- Application of a hot gas high pressure rotary vane motor to aircraft APU starting [SAE PAPER 821464] p 534 A83-37997
- Evaluation of advanced airplane fire extinguishants [AIAA PAPER 83-1141] p 508 A83-38076
- Performance tests of two inert gas generator concepts for airplane fuel tank inerting [AIAA PAPER 83-1140] p 519 A83-38078
- A new-technology gas generator for medium-power shaft-turbine engines p 737 A83-47217

- Restartable high power gas generator  
[AD-A127291] p 646 N83-31022
- GAS INJECTION**  
The theoretical advantages and practical considerations of gas replenishment techniques in long-duration scientific ballooning  
[AD-A129841] p 524 A83-39802  
Thermodynamic efficiency of air injection into the radial clearance of the turbine of a turbojet engine  
p 614 A83-42139  
Comparative evaluation of gas-turbine engine combustion chamber starting and stalling characteristics for mechanical and air-injection  
[NASA-TM-77024] p 684 N83-32805
- GAS JETS**  
The measurement of pressure pulsations by means of piezoelectric transducers p 640 A83-41891
- GAS MIXTURES**  
A study of lean extinction limit for pilot flame holder  
p 469 A83-35821  
Heavy gas mixtures for wind tunnel use  
p 630 A83-42623  
Coal gasification for stationary gas-turbine applications [DE82-902135] p 226 N83-16553
- GAS TEMPERATURE**  
Thermal behavior and insulation of a cryogenic wind tunnel  
[ONERA, TP NO 1982-89] p 173 A83-18427  
Thermal effects on a high altitude airship  
[AIAA PAPER 83-1984] p 509 A83-38912  
Early experience in using the Cryogenic Test Facility at RAE Bedford, England p 465 N83-25726  
Method of studying the operating temperature of gas turbines --- aeroengines  
[PNR-90159] p 460 N83-26842
- GAS TRANSPORT**  
Measurement of helium gas transmission through aerostat material  
[AIAA PAPER 83-1986] p 551 A83-38913  
Helium plants and storage, design manual 24 2  
[AD-A119517] p 175 N83-14142
- GAS TUNGSTEN ARC WELDING**  
Welding of components made of the aluminum cast alloy A357 p 698 N83-32715
- GAS TURBINE ENGINES**  
Automatic plotting of the results of bench tests of turbine engines p 39 A83-10444  
Fuel property effects on Air Force gas turbine engines - Program genesis p 59 A83-10653  
Effect of oxygen addition on ignition of aero-gas turbine at simulated altitude facility p 39 A83-10660  
Characteristic time ignition model extended to an annular gas turbine combustor p 39 A83-10666  
The theory of aircraft engines --- Russian book  
p 39 A83-10675  
The first implementation of ATLAS for testing gas turbine engines p 1 A83-10750  
Digital engine control for V/STOL and VTOL aircraft  
p 40 A83-10871  
Optical methods of flow diagnostics in turbomachinery  
p 62 A83-11076  
Multifuel evaluation of rich/quench/lean combustor  
p 59 A83-11492  
Composite fan exit guide vanes for high bypass ratio gas turbine engines p 198 A83-13159  
Experimental investigation on film cooling of a gas turbine blade p 199 A83-13346  
The icing of aircraft gas turbine engines  
p 182 A83-14619  
An enhancement for the ultrasonic test bed to inspect engine disk bolt holes p 214 A83-15160  
Gaseous emissions of gas turbine combustors  
[AIAA PAPER 83-0242] p 160 A83-16608  
Small gas turbine combustor study - Combustor liner evaluation  
[AIAA PAPER 83-0337] p 161 A83-16663  
Design of a low emission combustor for an automotive gas turbine  
[AIAA PAPER 83-0338] p 179 A83-16664  
Effectiveness of turbine engine diagnostic systems  
[AIAA PAPER 83-0535] p 161 A83-16773  
The entropy efficiency of blade machines  
p 162 A83-16953  
Application of optimization to aircraft engine disk synthesis  
p 162 A83-18213  
Fabrication and heat treatment of a Ni-base superalloy integrally bladed rotor for small gas turbine engine applications  
p 177 A83-19102  
Preventing the strength failure of machines by vibrodiagnostic methods II - The use of vibrodiagnostics for preventing the failure of certain parts and assemblies of gas-turbine engines p 182 A83-19314  
Unbalance response analysis of a complete turbomachine p 228 A83-19674
- Effect of broad properties fuel on injector performance in a reverse flow combustor  
[AIAA PAPER 83-0154] p 210 A83-21079  
Cleaning gas turbine compressors - Some service experience with a wet-wash system p 210 A83-21350  
The corrosion resistance of protective coatings  
p 223 A83-21454  
High temperature stability of pack aluminide coatings on IN38LC p 230 A83-21459  
Fatigue and creep considerations in the design of turbine components p 230 A83-21461  
The interaction of high temperature corrosion and mechanical properties of alloys p 224 A83-21470  
Fatigue failure under fretting conditions  
p 224 A83-21481  
Evaluation of air-cooled Si3N4 vanes  
p 224 A83-22263  
A transonic quasi-3D analysis for gas turbine engines including split-flow capability for turbofans  
p 190 A83-22647  
Current problems in the testing of aircraft engines  
p 211 A83-22652  
Features of the selection of the basic parameters of cooled GTE turbines p 211 A83-22655  
Gas turbine combustor modelling for calculating pollutant emission p 212 A83-23142  
Evaluation of the technical state of aircraft gas-turbine engines from thermogasdynamic parameters with allowance for the natural scatter of state parameters  
p 272 A83-23430  
A mathematical model for a turboshaft gas-turbine engine with an optimum control program for high-level computer-aided design p 273 A83-23436  
Determination of the region of efficient use for microturbines with working medium recirculation  
p 273 A83-23440  
An experimental study of an annular film-evaporation combustion chamber in a low-power gas turbine engine  
p 273 A83-23443  
Radiation and smoke from the gas turbine combustor using heavy fuels p 294 A83-23877  
Friction damping of flutter in gas turbine engine airfoils  
p 274 A83-24038  
Prospects for the use of heat exchangers in aircraft gas turbines  
[DGLR PAPER 82-088] p 276 A83-24200  
NASA clean catalytic combustor program  
[ASME PAPER 82-JPGC-GT-11] p 295 A83-25269  
Separation characteristics of the T700 engine inlet particle separator p 338 A83-27479  
A software package for computing the three-dimensional stressed state of the blades of gas-turbine engines  
p 354 A83-28507  
The interaction between a separated blade and the armor ring p 337 A83-28510  
Some fuel effects on carbon formation in gas turbine combustors p 350 A83-29392  
Structural tailoring of engine blades (STAEBL)  
[AIAA PAPER 83-0828] p 338 A83-29737  
Minimum contact magnetic sensing of turbine blade speed p 391 A83-30175  
The fatigue strength of compressor disks  
p 406 A83-32387  
Development of counter-rotating intershaft support bearing technology --- for aircraft gas turbine engines  
p 392 A83-32587  
On the question of calculating the pressurization start-up regimes of a gas-turbine plant p 406 A83-32651  
Effects of friction dampers on aerodynamically unstable rotor stages  
[AIAA PAPER 83-0848] p 392 A83-32791  
Thermal cycling in compact plate-fin heat exchangers --- in aircraft gas turbines p 445 A83-34253  
Vibrational diagnostics of gas-turbine blades  
p 473 A83-35040  
Temperature and composition measurements in a research gas turbine combustion chamber  
p 445 A83-35790  
New trends in combustion research for gas turbine engines p 446 A83-35808  
Effect of air, liquid and injector geometry variables upon the performance of a plan-jet airblast atomizer  
p 473 A83-35809  
The effects of fuel properties upon pollutants present in gas turbine aero-engines p 469 A83-35813  
Experimental investigation on the role of flexbars and metallic end seals in squeeze film dampers --- of gas turbine engines p 473 A83-35882  
Component life reduction due to use of AVGAS in gas turbine engines p 449 A83-35869  
Life estimation methods of gas turbine rotating components p 449 A83-35870  
A contribution to airworthiness certification of gas turbine disks p 449 A83-35872
- Stress analysis of critical areas of low-pressure compressor-disc assembly of a developmental aero-engine p 449 A83-35880  
Criteria for optimizing starting cycles for high performance fighter engines  
[AIAA PAPER 83-1127] p 450 A83-36236  
Eccentric end wear in cylindrical roller bearings can be predicted and prevented  
[AIAA PAPER 83-1132] p 474 A83-36237  
Simulation of advanced engine lubrication and rotor dynamics systems - Rig design and fabrication  
[AIAA PAPER 83-1133] p 450 A83-36238  
Advanced propan engine characteristics and technology needs  
[AIAA PAPER 83-1155] p 450 A83-36250  
The performance of single shaft gas turbine load compressor auxiliary power units  
[AIAA PAPER 83-1159] p 451 A83-36251  
Numerical calculations of time dependent three-dimensional viscous flows in a blade passage with tip clearance  
[AIAA PAPER 83-1171] p 420 A83-36258  
A survey of trends in modern turbine technology  
[AIAA PAPER 83-1174] p 451 A83-36260  
Experiments in dilution jet mixing  
[AIAA PAPER 83-1201] p 475 A83-36277  
Concepts for increased power and enhanced fuel conservation with newly patented multiple power-cycle gas turbine engines  
[AIAA PAPER 83-1209] p 452 A83-36282  
Nondestructive evaluation methods for implementation of damage-tolerant designed gas turbine engine components  
[AIAA PAPER 83-1232] p 452 A83-36295  
United Kingdom military engine usage, condition and maintenance systems experience  
[AIAA PAPER 83-1239] p 453 A83-36302  
Importance of inlet boundary conditions for numerical simulation of combustor flows  
[AIAA PAPER 83-1263] p 454 A83-36314  
Advanced techniques for gas and metal temperature measurements in gas turbine engines  
[AIAA PAPER 83-1291] p 444 A83-36325  
Application of thin film strain gages and thermocouples for measurement on aircraft engine parts  
[AIAA PAPER 83-1292] p 444 A83-36326  
Instrumental problems in small gas turbine engines  
[AIAA PAPER 83-1293] p 444 A83-36327  
Development trends in engine durability --- for USAF aircraft gas turbines  
[AIAA PAPER 83-1297] p 455 A83-36329  
A JT8D low emissions combustor by radial zoning  
[AIAA PAPER 83-1324] p 455 A83-36339  
The performance of an annular vane swirler --- to aid in defining gas turbine combustor flowfields and swirling confined flow turbulence  
[AIAA PAPER 83-1326] p 455 A83-36340  
A comprehensive method for preliminary design optimization of axial gas turbine stages II Code verification  
[AIAA PAPER 83-1403] p 456 A83-36393  
The impact of engine usage on life cycle cost  
[AIAA PAPER 83-1406] p 456 A83-36395  
LCC evaluation of advanced engine damage tolerance goals for a hot-section disk --- in aircraft engines  
[AIAA PAPER 83-1407] p 456 A83-36396  
Development of simulated mission endurance test acceleration factors in determining engine component serviceability and failure mode criticality  
[AIAA PAPER 83-1409] p 457 A83-36398  
Configuration selection and technology transition in 5000 SHP class engines  
[AIAA PAPER 83-1411] p 457 A83-36400  
Feasibility of dry lubrication for limited-duty gas turbine engines  
[AIAA PAPER 83-1130] p 475 A83-36405  
Propulsion prototypes at General Electric  
[AIAA PAPER 83-1053] p 457 A83-36463  
Technology and engine demonstrator programs  
[AIAA PAPER 83-1064] p 457 A83-36464  
Forced and self-excited vibrations of gas-turbine assemblies with perfect and perturbed symmetry  
p 458 A83-36791  
Electrohydraulic fuel-flow regulator for gas-turbine-engine control systems p 458 A83-36793  
Nonlinear multivariable design by total synthesis --- of gas turbine engine control systems p 531 A83-37092  
Finite-element mathematical model of a gas turbine engine in unsteady flow p 531 A83-37252  
Gas turbine engines p 532 A83-37274  
Full Authority Fault Tolerant Electronic Engine Control systems for advanced high performance engines (FAFTEEC)  
[SAE PAPER 821398] p 532 A83-37972

- Microcomputer brings digital power to the small aircraft gas turbine  
[SAE PAPER 821402] p 533 A83-37975
- Utilization of computer aided design for the development of advanced turbomachinery components  
[SAE PAPER 821423] p 533 A83-37980
- A unified approach to turbine blade life prediction  
[SAE PAPER 821439] p 533 A83-37987
- 727, B-52 retrofit with PW2037 meeting today's requirements  
[SAE PAPER 821443] p 518 A83-37991
- Repairing gas turbine hot section airfoils today  
[SAE PAPER 821487] p 534 A83-38006
- Experiences in repair of hot section gas turbine components  
[SAE PAPER 821490] p 535 A83-38008
- The Coanda/refraction concept for gas turbine engine test cell noise suppression  
[SAE AIR 1813] p 547 A83-38105
- Advanced techniques for measurement of strain and temperature in a turbine engine  
[AIAA PAPER 83-1296] p 558 A83-39106
- Longitudinal modes of gas oscillations in the main combustion chamber of gas-turbine engines  
p 535 A83-39169
- Evaluation of the efficiency of the diamond burnishing of gas-turbine-engine parts  
p 558 A83-39511
- Composite engine duct fabrication  
p 490 A83-39941
- The feasibility of water injection into the turbine coolant to permit gas turbine contingency power for helicopter application  
[ASME PAPER 83-GT-66] p 536 A83-39993
- Blade loss transient dynamic analysis of turbomachinery  
p 612 A83-40864
- Use of mixed performance criteria in gas turbine engine controller design  
p 612 A83-41482
- Large scale aeroengine compressor test facility  
p 630 A83-41534
- Estimation of the thermal fatigue strength of the blades of full-scale gas-turbine engines  
p 613 A83-41596
- A critical approach to estimating the accumulation of the working medium mass and energy in the gas circuit of gas-turbine engines when analyzing transient regimes  
p 613 A83-42126
- A study of the characteristics of short hydrodynamic dampers of aircraft engine motors with allowance for turbulization of the working fluid in the damper clearance  
p 613 A83-42129
- Diagnostics of the conditions of gas-turbine engines using models reflecting the dynamics of changes in the controlled parameters  
p 614 A83-42133
- The effect of supercritical pressure gradients on heat transfer in turbine nozzle cascades  
p 614 A83-42140
- An experimental study of ball bearings in the combined supports of the rotors of gas-turbine engines  
p 640 A83-42144
- A study of the effect of the combustion process on mass transfer in the primary zone of the combustion chamber of a gas-turbine engine  
p 614 A83-42150
- A study of the gas-dynamic efficiency of the labyrinth seals of gas-turbine engines with a profiled stator wall  
p 615 A83-42153
- Mathematical modeling of gas turbine engines with heat regeneration  
p 615 A83-42154
- Recent developments in high temperature coatings for gas turbine airfoils  
p 634 A83-42254
- Tapered roller bearings for turbine engines  
p 641 A83-42559
- Gas turbine engine cascade wind tunnel with automatic data acquisition and control  
p 630 A83-42563
- A family of small low cost gas turbines for unmanned vehicle systems  
p 615 A83-42616
- Pressure loss and heat transfer through multiple rows of short pin fins  
p 642 A83-42709
- The strength of GTE structural elements under low-cycle loading  
p 615 A83-42877
- Demands on the air system of modern aircraft engines  
p 683 A83-46491
- Increased energy exploitation in cooled high-temperature turbines  
p 736 A83-47202
- A new-technology gas generator for medium-power shaft-turbine engines  
p 737 A83-47217
- Combustion experiments with a new burner air distribution concept  
[ASME PAPER 83-GT-31] p 737 A83-47893
- The Rolls-Royce annular vaporizer combustor  
[ASME PAPER 83-GT-49] p 738 A83-47908
- A small engine high temperature core research programme  
[ASME PAPER 83-GT-56] p 738 A83-47912
- The purpose, the principles and the problems of fault tolerant systems — for aircraft gas turbine engines  
[ASME PAPER 83-GT-59] p 738 A83-47915
- Performance evaluation of centrifugal compressor impellers using three-dimensional viscous flow calculations  
[ASME PAPER 83-GT-62] p 714 A83-47918
- A CAD method for centrifugal compressor impellers  
[ASME PAPER 83-GT-65] p 714 A83-47920
- Investigation of fixed-rake sampling system for the assessment of emission characteristics of gas turbine engines  
[ASME PAPER 83-GT-72] p 738 A83-47925
- Test experience with turbine-end foil bearing equipped gas turbine engines  
[ASME PAPER 83-GT-73] p 739 A83-47926
- EAGLE/OTA - A life cycle cost model for damage tolerance assessment — Engine/Aircraft Generalized Life cycle cost Evaluator  
[ASME PAPER 83-GT-76] p 739 A83-47929
- Use of pyrolysis-derived fuel in a gas turbine engine  
[ASME PAPER 83-GT-96] p 755 A83-47942
- Automated diagnostic system for engine maintenance — vibration data extraction from gas turbine engines  
[ASME PAPER 83-GT-103] p 739 A83-47943
- Measurement and analyses of heat flux data in a turbine stage I - Description of experimental apparatus and data analysis  
[ASME PAPER 83-GT-121] p 740 A83-47950
- Measurement and analyses of heat flux data in a turbine stage II - Discussion of results and comparison with predictions  
[ASME PAPER 83-GT-122] p 740 A83-47951
- Emissions variability and traversing on production RB211 engines  
[ASME PAPER 83-GT-141] p 741 A83-47966
- An investigation into the effect of side-plate clearance in an uncentrized squeeze-film damper  
[ASME PAPER 83-GT-176] p 761 A83-47975
- Developments in air cooling of gas turbine vanes and blades  
[ASME PAPER 83-GT-160] p 742 A83-47984
- A comparative study of the influence of different means of turbine cooling on gas turbine performance  
[ASME PAPER 83-GT-180] p 762 A83-47991
- Built-In Test Equipment (BITE) on the Garrett model GTCPC31 APU digital electronic control unit — for gas turbine aircraft auxiliary power system  
[ASME PAPER 83-GT-186] p 742 A83-47992
- The impact of computers on the test cell of tomorrow — for gas turbine engine tests  
[ASME PAPER 83-GT-187] p 742 A83-47993
- Emissions from enclosed swirl stabilised premixed flames  
[ASME PAPER 83-GT-192] p 742 A83-47998
- A comparison of Navy and contractor gas turbine acquisition cost  
[ASME PAPER 83-GT-198] p 743 A83-48001
- Ceramic components for high-temperature vehicular gas turbines - State of the art of the German ceramic program  
[ASME PAPER 83-GT-205] p 762 A83-48006
- An investigation into the effect of coolant flow on the vibration characteristics of hollow blades conveying fluid  
[ASME PAPER 83-GT-217] p 762 A83-48017
- Gas turbine performance improvement by retrofit of advanced technology  
[ASME PAPER 83-GT-222] p 762 A83-48020
- Strain isolated ceramic coatings  
[ASME PAPER 83-GT-223] p 762 A83-48021
- Component qualification and initial build of the AGT 100 advanced automotive gas turbine  
[ASME PAPER 83-GT-225] p 763 A83-48023
- Progress in net shape fabrication of alpha SiC turbine components  
[ASME PAPER 83-GT-238] p 763 A83-48030
- Development of the single crystal alloys CM SX-2 and CM SX-3 for advanced technology turbine engines  
[ASME PAPER 83-GT-244] p 756 A83-48034
- Aluminide coatings on superalloys  
[ONERA, TP NO 1983-66] p 756 A83-48189
- US national programs in ceramics for energy conversion  
p 756 A83-48308
- Status report 1981 on the German BMFT-sponsored programme "Ceramic components for vehicular gas turbines"  
p 756 A83-48309
- The use of ceramics for engines  
p 757 A83-48638
- Supersonic V/STOL - Tandem fan concepts  
[AIAA PAPER 83-2567] p 746 A83-49597
- The formation of carbon monoxide during turbulent diffusion combustion — for aircraft gas turbine combustion chambers  
p 758 A83-49769
- Acta Aeronautica et Astronautica Sinica  
[AD-A117465] p 3 N83-10003
- The effect of the stator with unequal pitch cascades on the compressor blade vibration  
p 42 N83-10013
- Development of advanced high-temperature heat flux sensors  
[NASA-CR 165618] p 42 N83-10044
- Life Utilization Criteria Identification in Design (LUCID)  
[AD-A117807] p 43 N83-10046
- Multifuel evaluation of rich/quench/lean combustor  
[NASA-TM-82988] p 69 N83-10559
- Performance of a tandem-rotor/tandem-stator conical-flow compressor designed for a pressure ratio of 3  
[NASA-TP-2034] p 10 N83-11058
- Propulsion and energetics panel, working group 13 on alternative jet engine fuels Volume 1 Executive summary  
[AGARD-AR-181-VOL-1] p 62 N83-11350
- Propulsion and energetics panel, working group 13 on alternative jet engine fuels Volume 2 Main report  
[AGARD-AR-181-VOL-2] p 62 N83-11351
- Strain gauges used for torque measurement in a gas turbine environment  
[PNR-90111] p 68 N83-11484
- Advanced Gas Turbine (AGT) powertrain system development program — automobile engines  
[NASA-CR 169475] p 200 N83-12088
- Ferrographic and spectrometer oil analysis from a failed gas turbine engine  
[NASA-TM-82956] p 218 N83-12433
- Effect of broad properties fuel on injector performance in a reverse flow combustor  
[NASA-TM-83013] p 202 N83-13101
- Instrumentation for gas turbines  
[NLR-MP-81016-U] p 203 N83-13106
- Casting critical components — investment casting  
[NEL-681] p 218 N83-13294
- Tip cap for a rotor blade  
[NASA-CASE-LEW-13654-1] p 164 N83-14129
- Development and fabrication of refractory bodies for gas turbine engines  
[BMFT-FB-T-82-138] p 164 N83-14132
- Energy efficient high-pressure turbine leakage technology report  
[NASA-CR-165202] p 165 N83-15304
- JT90 ceramic outer air seal system refinement program, phase 2  
[NASA-CR-167962] p 165 N83-15305
- Increasing the wear life of gas turbine engine roller bearings  
p 184 N83-15507
- Advanced Gas Turbine (AGT) power-train system development  
[NASA-CR-167875] p 186 N83-15627
- A method to estimate weight and dimensions of small aircraft propulsion gas turbine engines User's guide  
[NASA-CR-168049] p 213 N83-16343
- Analytical and experimental investigation of turbine blade damping  
[AD-A120470] p 213 N83-16345
- Analysis of a MIL-L 27502 lubricant from a gas-turbine engine test by size-exclusion chromatography  
[NASA-TP-2063] p 226 N83-16528
- Sputtered ceramic coatings and sealing layers  
[DE82-005225] p 226 N83-16531
- Coal gasification for stationary gas-turbine applications  
[DE82-902135] p 226 N83-16553
- Equivalent damage A critical assessment  
[NASA-CR-167874] p 214 N83-17542
- Erosion of protective compressor coatings  
[NLR-MP-87067-U] p 228 N83-17716
- Experimental study of the thermal stability of hydrocarbon fuels  
[NASA-CR-168027] p 228 N83-17728
- Bearing fatigue investigation 3  
[NASA-CR-168029] p 233 N83-17880
- Small gas turbine combustor study Combustor liner evaluation  
[NASA-TM-83028] p 282 N83-18725
- Heat transfer rate to blade profiles Theory and measurement in transient facilities  
p 283 N83-18740
- Energy efficient engine sector combustor rig test program  
[NASA-CR-167913] p 283 N83-19753
- New trends in combustion research for gas turbine engines  
[NASA-TM-83338] p 338 N83-20947
- Cost analysis of turbine engine warranties  
[AD-A123034] p 394 N83-23313
- Analytical fuel property effects, small combustors, phase 1  
[NASA-CR-168138] p 404 N83-23464
- Opportunities for research in aerothermodynamics  
[NASA-TM-83348] p 394 N83-24506
- Particle sizing by measurement of forward-scattered light at two angles  
[NASA-TP-2156] p 395 N83-24509
- Method of studying the operating temperature of gas turbines — aeroengines  
[PNR-90159] p 460 N83-26842
- A variable-geometry combustor used to study primary and secondary zone stoichiometry  
[NASA-TM-83372] p 537 N83-27995

- Rotorcraft convertible engine study  
[NASA-CR-168161] p 537 N83-27996
- Gas turbine demonstration of pyrolysis Derived fuels  
[DE82-007193] p 553 N83-28273
- Fuel vaporization effects p 553 N83-29214
- Dilution zone mixing p 562 N83-29216
- Rotor fragment protection program Statistics on aircraft gas turbine engine rotor failures that occurred in US commercial aviation during 1979  
[NASA-CR 168163] p 539 N83-29234
- Applications of a compression system stability model  
p 542 N83-29260
- An overview of engine dynamic response and mathematical modeling concepts p 542 N83-29262
- Generalized digital simulation technique with variable engine parameter input for steady state and transient behaviour of aero gas turbines p 543 N83-29263
- Techniques for determining engine stall recovery characteristics p 543 N83-29265
- Reactions of NaCl with gaseous SO<sub>3</sub>, SO<sub>2</sub>, and O<sub>2</sub>  
[NASA-TM-83423] p 554 N83-29358
- Gas turbine parts made of injection molded silicon nitride and brazing of silicon nitride with metal  
[BMFT-FB-T-83-028] p 554 N83-29377
- Development of ceramic automobile turbine engine components  
[BMFT-FB-T-83-025] p 554 N83-29407
- Development of high-temperature resistant, noncorrosible, nonmetallic ceramic materials, especially silicon nitride, for heat exchangers in gas turbine application  
[BMFT-FB-T-83-026] p 555 N83-29408
- Research to develop and evaluate advanced eddy current sensors for detecting small flaws in metallic aerospace components  
[AD-A125873] p 564 N83-29726
- Evaluation of ceramics for stator applications Gas turbine engines interim report Stator fabrication and evaluation  
[NASA-CR 168140] p 637 N83-30662
- Air modulation apparatus -- cooling gas turbine engines  
[NASA-CASE LEW-13524-1] p 645 N83-30957
- Stagnation region gas film cooling Effects of dimensionless coolant temperature  
[NASA-CR-168197] p 645 N83-30960
- Control means for a gas turbine engine  
[NASA CASE-LEW 14586-1] p 617 N83-31603
- Silicon slurry/aluminate coating --- protecting gas turbine engine vanes and blades  
[NASA-CASE LEW-13343] p 638 N83-31795
- Comparative evaluation of gas-turbine engine combustion chamber starting and stalling characteristics for mechanical and air-injection  
[NASA-TM-77024] p 684 N83-32805
- Unsteady swirling flows in gas turbines  
[AD-A128386] p 685 N83-32812
- Advanced Gas Turbine (AGT) powertrain system development for automotive applications  
[NASA-CR-167901] p 708 N83-33800
- Evaluation of synthetic-fuel character effects on rich-lean stationary gas-turbine combustion systems Volume 2 Full-scale test program  
[DE83-902337] p 694 N83-34067
- Multiaxial cyclic thermoplasticity analysis with Besseling's subvolume method p 703 N83-34356
- Evaluation of inelastic constitutive models for nonlinear structural analysis p 703 N83-34357
- Simplified method for nonlinear structural analysis  
[NASA-TP-2208] p 703 N83-34372
- Current problems in turbomachinery fluid dynamics  
[AD-A126478] p 747 N83-34949
- Apparatus for improving the fuel efficiency of a gas turbine engine  
[NASA-CASE-LEW-13142-1] p 748 N83-36029
- A structural-ceramic research program A preliminary economic analysis  
[DE83-014263] p 766 N83-36499
- GAS TURBINES**
- Measured and predicted soot profiles in a gas turbine combustor p 41 A83-12077
- The influence of equivalence ratio variation on pollutant formation in a gas turbine type combustor p 42 A83-13095
- A computer model for gas turbine blade cooling analysis  
[ASME PAPER 82 JPGC-GT-6] p 279 A83-25267
- The design and construction of a low power gas turbine for solar energy conversion - An analytical model of operation of the installation in a variable mode -- French thesis p 361 A83-28647
- A reverse flow chamber for small turbomachines  
[ONERA, TP NO 1983-30] p 683 A83-44309
- Use of flight engine technology in stationary industrial gas turbines and diesel motors p 760 A83-47203
- Cascade flutter analysis of cantilevered blades  
[ASME PAPER 83-GT-129] p 740 A83-47958
- Brazing of silicon nitride p 756 A83-48286
- Radiation pyrometry in gas turbine research and development  
[PNR-90116] p 68 N83-11485
- Measurement techniques for heat transfer in the turbine using short duration wind tunnel techniques p 216 N83-12271
- Curvature effects on the heat transfer performance of three-dimensional film cooling of gas turbine blades  
[AD-A119729] p 164 N83-14131
- Development of high strength silicon carbide materials for gas turbine applications, phase 2  
[BMFT-FB-T-82-140] p 164 N83-14133
- Turbine Engine Fault Detection and Isolation Program Volume 1 Turbine engine performance estimation methods  
[AD-A119998] p 167 N83-15311
- Turbine Engine Fault Detection and Isolation Program Volume 2 Maintenance model development  
[AD-A119999] p 167 N83-15312
- Water injection into compressors of gas turbines for power increase and reduction of NOX emission  
[BMFT-FB-T-82-075] p 233 N83-16765
- Film Cooling and Turbine Blade Heat Transfer, volume 1  
[VKI-ILS-1982-02-VOL-1] p 282 N83-18730
- Cooling of gas turbine blades p 282 N83-18735
- Experimental verification of blade cooling systems and comparison with design calculation p 282 N83-18736
- Abstracts 1982 AFOSR Contractors Meeting on Air Breathing Combustion Dynamics Research  
[AD-A121647] p 351 N83-21062
- Finite element program for calculating flows in turbomachines with results for NASA task-1 compressor  
[AD A124987] p 460 N83-26841
- Experimental study of strength and existence domain of ground-to-air inlet vortices by ground board static pressure measurements  
[PB83-144865] p 460 N83-26843
- Combustion Fundamentals Research  
[NASA-CP-2268] p 537 N83-29208
- Small gas turbine combustor primary zone study p 538 N83-29221
- Gas turbines for the production of electrical and thermal energy  
[AD-A126182] p 539 N83-29239
- Gas turbine parts made of injection molded silicon nitride  
[BMFT-FB-T 83-021] p 539 N83-29240
- Experience with the KHD APU T312 for a modern fighter type p 541 N83-29251
- Mechanical and thermal effects on the transient and steady state component performance of gas turbines p 541 N83-29252
- Turbine tip clearance control in gas turbine engines p 541 N83-29254
- Improvements in the dynamic simulation of gas turbines p 543 N83-29264
- Hot corrosion in gas turbines  
[AD-A127425] p 617 N83-30433
- Current and future technology in radial and axial gas turbines  
[NASA-TM-83414] p 684 N83-32811
- High Temperature Turbine Technology Program Phase 2 Technology test and support studies  
[DE83-008933] p 699 N83-33173
- The trend of future gas turbine technology  
[NASA-TM-83505] p 712 N83-34886
- Mid and high temperature rotor program for a 30 kW gas turbine generator set  
[AD-A129780] p 749 N83-36033
- Improvements in F 16 engine restart capability with a SIPI (Super Integrated Power Unit)  
[AD-A129578] p 749 N83-36036
- GAS VALVES**
- Air modulation apparatus --- cooling gas turbine engines  
[NASA-CASE-LEW 13524-1] p 645 N83-30957
- GAS-METAL INTERACTIONS**
- Erosion-corrosion of coatings and superalloys in high velocity hot gases p 757 A83-49481
- GASEOUS FUELS**
- A study on the hydrogen-oxygen diffusion flame in high speed flow p 296 A83-26199
- GASES**
- The toxic nature of gases from the thermal decomposition of combustible materials -- in aircraft passenger cabins  
[RAE TRANS 2082] p 553 N83-28118
- Experimental gas-fired pulse-combustion studies  
[NASA-CR-172827] p 637 N83-30548
- GASIFICATION**
- Effects of envelope flames on drop gasification rates in turbulent diffusion flames p 222 A83-19846
- Advanced Gas Turbine (AGT) power-train system development  
[NASA-CR-167875] p 186 N83-15627
- GASOLINE**
- Aviation gasoline - Issues and answers  
[SAE PAPER 830705] p 634 A83-43316
- Autogas flight test in a Cessna 150 airplane  
[SAE PAPER 830706] p 599 A83-43317
- Aviation Gasolines and Future Alternatives  
[NASA-CP-2267] p 352 N83-22442
- General aviation fuel quality control p 352 N83-22447
- Manufacturing comparisons of aviation and motor gasolines p 352 N83-22448
- Emergency fuels technology  
[AD-A125275] p 471 N83-25904
- GAUSS-MARKOV THEOREM**
- Modeling methodology for MLS range navigation system errors using flight test data  
[NASA-CR-166411] p 27 N83-11101
- GAW-2 AIRFOIL**
- Modifying a general aviation airfoil for supercritical flight p 243 A83-24039
- An investigation of the aerodynamic characteristics of a new general aviation airfoil in flight  
[NASA-CR-169477] p 179 N83-12046
- GEAR TEETH**
- Report on advanced transmission system integration tests --- of Blackhawk helicopters p 298 A83-24833
- Design of an advanced 500-HP helicopter transmission p 277 A83-24834
- Experimental and analytical determination of gear tooth temperatures with oil jet lubrication p 185 N83-15530
- Large rotorcraft transmission technology development program  
[NASA-CR-168120] p 332 N83-22188
- GEARS**
- Reliability model for planetary gear trains  
[ASME PAPER 82-DET-81] p 65 A83-12777
- Fault Detection/Location System for intermediate and tail rotor gearboxes p 299 A83-24835
- Life and reliability models for helicopter transmissions  
[NASA-TM-82976] p 67 N83-10425
- An overview of advancements in helicopter transmission design p 302 N83-20124
- Design of an advanced 500-hp helicopter transmission p 303 N83-20125
- Helicopter transmission arrangements with split-torque gear trains p 303 N83-20126
- Design study of Self-Alining Bearingless Planetary (SABP) gear p 303 N83-20127
- Large rotorcraft transmission technology development program  
[NASA-CR-168120] p 332 N83-22188
- GENERAL AVIATION AIRCRAFT**
- Thunder power for executive and ag aircraft p 39 A83-10866
- Data acquisition/reduction system for flight testing general aviation aircraft p 37 A83-11903
- A microcomputer-based system for noise characteristics analysis p 72 A83-11915
- Cross-coupling between longitudinal and lateral aircraft dynamics in a spiral dive p 203 A83-15312
- GASAP - A general aviation airplane analysis and synthesis program  
[AIAA PAPER 83-0054] p 148 A83-16488
- Aerodynamic investigation of closely coupled lifting surfaces with positive and negative stagger for general aviation applications  
[AIAA PAPER 83-0057] p 129 A83-16489
- Aerodynamic optimization, comparison, and trim design of canard and conventional high performance general aviation configurations  
[AIAA PAPER 83-0058] p 148 A83-16490
- A dynamic model for aircraft poststall departure  
[AIAA PAPER 83-0367] p 150 A83-16674
- Long-range Falcon - Flight-test Dassault Falcon 50 p 151 A83-18074
- Design and development of a mixer compound exhaust system -- in aircraft turbofan engines p 274 A83-24029
- Development trend in general aviation  
[DGLR PAPER 82-026] p 242 A83-24153
- The consideration of operational aspects for utility /commuter aircraft, taking into account the example of the Dornier 228  
[DGLR PAPER 82-047] p 247 A83-24171
- New technology in general aviation  
[DGLR PAPER 82-048] p 262 A83-24172
- Performance improvements of single-engine business airplanes by the integration of advanced technologies  
[DGLR PAPER 82-064] p 262 A83-24178
- A steady state performance model for general aviation spark-ignition piston engines p 336 A83-27163



- Determination of horizontal tail load and hinge moment characteristics from flight data — on Learjet Model 55 Longhorn p 383 A83-30162
- The integration of internal combustion engines of the General Aviation - Problems raised by ventilation and exhaust [AAAF PAPER NT 82-18] p 393 A83-33167
- The future of the U.S. aviation system [AIAA PAPER 83-1594] p 379 A83-33360
- CF34 upgrades Challenger capabilities p 434 A83-35315
- Development and application of a liquid-cooled V-8 piston engine for general aviation aircraft [AIAA PAPER 83-1342] p 455 A83-36347
- New technologies for general aviation p 489 A83-37856
- The application of a liquid-cooled V-8 piston engine to general aviation aircraft [SAE PAPER 821446] p 533 A83-37994
- Advanced airfoil design for general aviation propellers [AIAA PAPER 83-1791] p 496 A83-38631
- Air traffic control problems in the field of general aviation p 509 A83-38931
- A simulation study of the low-speed characteristics of a light twin with an engine-out [AIAA PAPER 83-2128] p 626 A83-41951
- Influence of airplane components on rotational aerodynamic data for a typical single-engine airplane [AIAA PAPER 83-2135] p 579 A83-41957
- An improved method for predicting lateral-directional dynamic stability characteristics [SAE PAPER 830711] p 626 A83-43321
- Optimum configuration for a 10-passenger business turboprop jet airplane p 675 A83-43967
- General aviation safety - How safe? Its implication for flying and theory training p 667 A83-44878
- Airports as a threat to public safety — Book p 668 A83-46420
- An improved propeller for general-aviation aircraft p 736 A83-47194
- OLGA - A gust-alleviation system for general-aviation aircraft — Open Loop Gust Alleviation p 750 A83-47212
- Propulsion system integration as applied to business jet aircraft [ASME PAPER 83-GT-227] p 725 A83-48024
- Analysis of general aviation accidents using ATC radar records p 719 A83-48218
- General aviation goes digital - Many advantages, but some problems p 735 A83-48640
- Ultralight aircraft safety and regulation p 719 A83-48885
- Demonstration Advanced Avionics System (DAAS) function description [NASA-CR-166282] p 26 A83-10027
- Crash tests of four low-wing twin-engine airplanes with truss-reinforced fuselage structure [NASA-TP-2070] p 67 A83-10442
- Wind-tunnel investigation of effects of wing-leading-edge modifications on the high angle-of-attack characteristics of a T-tail low-wing general-aviation aircraft [NASA-CR-3636] p 179 A83-12049
- Evaluating the use of electronic flight instrument systems in general aviation aircraft [AD-A118604] p 198 A83-12083
- Flight personnel comment on experience flying new Yak-42 p 184 A83-13061
- Minister reviews plans for raising efficiency of civil aviation p 176 A83-13062
- Aviation repair association chief interviewed p 176 A83-13064
- Census of U.S. civil aircraft, calendar year 1981 [AD-A119358] p 176 A83-13067
- Rotary balance data for a typical single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg 2 Influence of horizontal tail location for Model D [NASA-CR-3247] p 180 A83-13070
- Pilot-in-command A sociological analysis of general aviation accidents p 184 A83-13079
- Single pilot IFR accident data analysis [NASA-CR-3650] p 139 A83-14076
- A flight investigation of simulated data-link communications during single-pilot IFR flight. Volume 2 Flight evaluations [NASA-CR-3653] p 146 A83-14098
- Design and test of aircraft engine isolators for reduced interior noise [NASA-CR-166021] p 190 A83-15042
- Study of the damping characteristics of general aviation aircraft panels and development of computer programs to calculate the effectiveness of interior noise control treatment, part 1 [NASA-CR-169534] p 190 A83-15043
- The US aviation system to the year 2000 [NASA-CR-166010] p 140 A83-15273
- A microcomputer-based position updating system for general aviation utilizing Loran-C [NASA-CR-169722] p 148 A83-15277
- Low-speed aerodynamic characteristics of a 17-percent-thick medium speed airfoil designed for general aviation applications [NASA-TP-1788] p 191 A83-16290
- Computer program to predict noise of general aviation aircraft: User's guide [NASA-CR-168050] p 238 A83-17242
- Research and technology program perspectives for general aviation and commuter aircraft [NASA-CR-169875] p 187 A83-17454
- Statistical summary Study to determine the IFR operational profile of the general aviation single pilot — instrument flight rules [NASA-CR-165805] p 198 A83-17523
- Structural testing for static failure, flutter and other scary things [NASA-TM-84606] p 234 A83-17899
- A pilot study of human response to general aviation aircraft noise [NASA-CR-166053] p 238 A83-18404
- Advanced turboprop propulsion technology [SP-03A82] p 281 A83-18659
- Study to determine the IFR operational profile and problems of the general aviation single pilot [NASA-CR-3578] p 249 A83-18699
- Simulator study of a flight director display [NASA-TM-84581] p 271 A83-19748
- Rotary balance data for a typical single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg 1 Influence of airplane components for model D — Langley spin tunnel tests [NASA-CR-3246] p 315 A83-20918
- Demonstration Advanced Avionics System (DAAS) [NASA-CR-166281] p 334 A83-20941
- Computer simulation of an aircraft seat and occupant in a crash environment, volume 1 [FAA-CR-82-33-1-VOL-1] p 319 A83-22171
- Computer simulation of an aircraft seat and occupant in a crash environment Volume 2 Program SOM-LA user manual [FAA-CR-82-33-2-VOL-2] p 319 A83-22172
- Industry's assessment of the number of airplanes in the general aviation fleet along with their hours flown and fuel consumption data powered by what type of engines, when and for what reasons, through the year 2000 p 352 A83-22445
- General aviation fuel quality control p 352 A83-22447
- Lightweight diesel aircraft engines for general aviation p 340 A83-22455
- General Aviation Turbine Engine (GATE) overview p 340 A83-22457
- The return of the propeller airplane [SNIA-822-111-102] p 389 A83-24501
- Demonstration Advanced Avionics System (DAAS) Phase 1 report [NASA-CR-170317] p 391 A83-24504
- Differential-absorption LIDAR technology for light twin-engine aircraft operation [DE83-003888] p 410 A83-25232
- Analysis of nonplanar wing-tip-mounted lifting surfaces on low-speed airplanes [NASA-CR-3684] p 424 A83-25667
- Determination of stability and control parameters of a general aviation airplane from flight data [NASA-TM-84635] p 461 A83-26844
- Longitudinal flying qualities criteria for single pilot instrument flight operations p 545 A83-27997
- Multi-fuel rotary engine for general aviation aircraft [NASA-TM-83429] p 539 A83-29235
- Design, implementation and flight testing of PIF autopilots for general aviation aircraft [NASA-CR-3709] p 547 A83-29270
- Longitudinal flying qualities criteria for single-pilot instrument flight operations [NASA-CR-166084] p 606 A83-30407
- Approximate parametric method for propeller thrust estimation [ESDU-83001] p 664 A83-32769
- First approximation to take-off distance to 50 ft (15.2 m) for light and general aviation airplanes [ESDU-82033] p 678 A83-32793
- Tabulation of recorded gust and maneuver accelerations and derived gust velocities and airplanes in the NASA VGH General Aviation Program [NASA-TM-84660] p 669 A83-33859
- A fuel-efficient cruise performance model for general aviation piston engine airplanes [NASA-CR-172188] p 686 A83-33891
- Crash tests of three identical low-wing single-engine airplane [NASA-TP-2190] p 720 A83-34921
- Explosively activated egress area [NASA-CASE-LAR-12624-1] p 713 A83-35992
- GEOCHEMISTRY**
- Use of geochemical investigative methods for preliminary hygienic assessment of effect of airports on environment p 349 A83-22972
- GEODESY**
- Utilization of the Trident radar system for air navigation, photogrammetry, and geodesy at the National Geographic Institute First results - Ongoing tests p 514 A83-40623
- GEODETIC SURVEYS**
- The influence of reference system discrepancy on navigation and positioning [AD-A125546] p 515 A83-29195
- GEOMETRIC DILUTION OF PRECISION**
- GPS user errors resulting from one "bad" satellite in the navigation solution p 674 A83-46971
- GEOMETRICAL ACOUSTICS**
- Intensity of focused sonic booms in straight flight at constant altitude p 571 A83-39424
- GEOMETRICAL OPTICS**
- Holographic HUDs de-mystified p 35 A83-11171
- Improved simulation of ground reflections — of radio navigation signals for flight control p 258 A83-26486
- GEOMETRICAL THEORY OF DIFFRACTION**
- The analysis of a flat plate twist reflector Cassegrain aural using GTD p 143 A83-18646
- An asymptotic high frequency analysis of the radiation from sources on perfectly-conducting structures with an impedance surface patch p 144 A83-18647
- Radiation patterns of a quarter-wave monopole on a finite ground plane — for aircraft antennas p 144 A83-18682
- Analysis of airborne antenna patterns [NASA-CR-169448] p 66 A83-10323
- GEOPHYSICS**
- (?) The Air Force Geophysics Laboratory Aeronomy aerospace instrumentation, space physics, meteorology, terrestrial sciences and optical physics [AD-A126004] p 767 A83-36570
- GIMBALLLESS INERTIAL NAVIGATION**
- Mass-produced laser gyros p 63 A83-11628
- GIMBALS**
- Aircraft body-axis rotation measurement system [NASA-CASE-FRC-11043-1] p 682 A83-33882
- GLASS**
- Plating on glass for hermetic seal [SAE PAPER 820613] p 696 A83-45871
- Design of glass-faced helicopter windshields for survival in a particle impact environment [AIAA PAPER 83-2439] p 726 A83-48328
- GLASS FIBER REINFORCED PLASTICS**
- The use of composite materials in aircraft propellers p 42 A83-12966
- On the determination of the load-carrying capacity of the glass-plastic propeller blade of an aircraft p 338 A83-29294
- Fracture behavior of hybrid composite laminates [AIAA 83-0804] p 350 A83-29736
- Composite materials in aircraft structures p 551 A83-40130
- Design, fabrication and test of a composite elevator p 695 A83-44046
- Application of Fourier transform infrared spectroscopy for quality control analysis of epoxy resin prepreps used in helicopter rotor blades p 61 A83-11232
- GLASS FIBERS**
- Effects of amplitude of oscillation on the wear of dry bearings containing PTFE [ASME PAPER 81-LUB-6] p 64 A83-11942
- Fire resistant films for aircraft applications [NASA-TM-84337] p 352 A83-22320
- GLIDE PATHS**
- Maximum endurance and maximum penetration trajectories for horizontal gliding flight [AIAA PAPER 83-0283] p 150 A83-16628
- Simulated fan-beam radar imagery — use in assessing aircraft approach-to-landing paths p 559 A83-40302
- Carrier landing simulation results of precision flight path controllers in manual and automatic approach [AIAA PAPER 83-2072] p 592 A83-41909
- The landing approach in variable winds Curved glidepath geometries and worst-case wind modeling [UTIAS-254] p 26 A83-10028
- Hazards of colour coding in visual approach slope indicators [ARL/REPT-25] p 186 A83-12057
- Simulator study of a flight director display [NASA-TM-84581] p 271 A83-19748
- Terminal area automatic navigation, guidance and control research using the Microwave Landing System (MLS) Part 5 Design and development of a Digital Integrated Automatic Landing System (DIALS) for steep final approach using modern control techniques [NASA-CR-3681] p 345 A83-22213

Evaluation of Precision Approach Path Indicator (PAPI) [FAA-CT-82-153] p 383 N83-24495

**GLIDERS**

Analytical consequences of increasing the mass of a glider p 189 A83-14617  
The ULS experimental ultralight glider made of polymer composites I - Genesis of the program and construction of the glider p 189 A83-14621  
First results of boundary layer research flights with three powered gliders during the field experiment PUKK p 188 A83-18996  
Light aircraft and sailplane structures in reinforced plastics p 435 A83-36065

**GLOBAL POSITIONING SYSTEM**

NAVSTAR GPS - State of development and future of this global navigation system p 25 A83-13009  
Trend analysis concerning the displays and the keyboard of GPS navigation receivers for different applications p 37 A83-13010  
Accuracy and availability of various modern navigation procedures p 25 A83-13013  
Fixed wing and rotary wing flight testing of Navstar GPS as a civilian navigation system p 199 A83-19777  
A demonstration of relative positioning using conventional GPS Doppler receivers p 199 A83-19779

Navstar equipments accuracy compared with experimental results p 255 A83-24861  
Multiconfiguration Kalman filter design for high-performance GPS navigation p 257 A83-26262  
Fault/maneuver tolerance of aided GPS demodulation/navigation processors in the non-precision approach environment p 323 A83-28787  
FAA helicopter NAVSTAR GPS flight testing p 323 A83-28788

Synergistic integration of JTIDS/GPS technology --- Joint Tactical Information Distribution System p 323 A83-28789

Computer simulation of a differential GPS for civil applications p 323 A83-28790  
Reliability of NAVSTAR GPS for civil aviation p 323 A83-28791

NAVSTAR-GPS at sea p 323 A83-29207  
Integrated GPS, DLMS, and radar altimeter measurements for improved terrain determination p 324 A83-29212

An advanced single-channel NAVSTAR GPS multiplex receiver with up to eight pseudochannels p 324 A83-29213

Benefits of integrating GPS and Inertial Navigation Systems p 324 A83-29214  
Marine gravity measurement from fixed wing aircraft p 696 A83-46111

Geodesy and the global positioning system p 671 A83-46338

A strategy for buildup to the operational Navstar GPS constellation p 672 A83-46961

Experimental results of using the GPS for Landsat 4 onboard navigation p 672 A83-46963

Applications of time transfer using Navstar GPS p 673 A83-46964  
The Navstar GPS p 673 A83-46965

Differential operation of NAVSTAR GPS p 673 A83-46968

Collins avionics NAVSTAR GPS advanced digital receiver p 673 A83-46969

GPS navigation using three satellites and a precise clock p 673 A83-46970

GPS user errors resulting from one 'bad' satellite in the navigation solution p 674 A83-46971

Principles and present status --- of Navstar GPS for sea and air navigation p 723 A83-48733

GPS for Marine navigation p 723 A83-48734

Instrument approach aids for helicopters [FAA-RD-82-6] p 187 N83-12061

EMC analysis of a prototype civil use GPS receiver on four aircraft configurations [ECAC-CR-82-048] p 217 N83-12300

EMC analysis of a prototype civil-use GPS receiver on four aircraft configurations [AD-A119578] p 147 N83-14103

Global positioning system en route/terminal exploratory tests [FAA-RD-82-71] p 260 N83-18705

SH-3 helicopter/Global Positioning System integration analysis [AD-A125005] p 432 N83-25691

Navigation National plans, NAVSTAR-GPS, Laser gyros [AD-A125533] p 515 N83-29194

The influence of reference system disparity on navigation and positioning [AD-A125546] p 515 N83-29195

Cost development of the dual-channel GPS (Global Positioning System) navigator for general aviation application [AD-A127157] p 593 N83-31591

**GOES SATELLITES**

Application of VAS multispectral imagery to aviation forecasting --- VISSR Atmospheric Sounder for GOES satellites p 408 A83-30561

**GOES 3**

Ice sheet surface features in southwestern Greenland from satellite radio altimetry [NASA-CR-156887] p 362 N83-22689

**GNOMETERS**

Potential accuracy of the goniometer section of a complex short-range navigation system p 259 A83-26929

**GOVERNMENT PROCUREMENT**

Tarps test program set / parallel development of avionics and its support capability/ p 54 A83-10755

Aeronautical research - Some current influences and trends /The Second Sir Fredrick Page Lecture/ p 3 A83-12851

Strict liability in military aviation cases - Should it apply? p 572 A83-39045

Durability and damage tolerance control plans for U S Air Force aircraft p 594 A83-41045

Requirements and production capabilities are uncertain for some Air Force, Navy and Marine Corps aircraft spares and repair parts [AD-A118423] p 6 N83-11055

**GOVERNMENT/INDUSTRY RELATIONS**

Aeronautical research - Some current influences and trends /The Second Sir Fredrick Page Lecture/ p 3 A83-12851

The role of the research establishments in the developing world of aerospace p 128 A83-18963

Legislative developments affecting the aviation industry 1981-1982 p 572 A83-39043

Strict liability in military aviation cases - Should it apply? p 572 A83-39045

Universities - Have they a role in aeronautical research? Contribution to RAeS discussion evening --- university department planning for aeronautical research p 654 A83-42620

Research and development of helicopters in Europe p 677 A83-46929

Comparative cost of military aircraft - Fiction versus fact [AIAA PAPER 83-2565] p 711 A83-48378

Government financial support for civil aircraft research, technology and development in four European countries and the United States [NASA-CR-169537] p 225 N83-14022

Aeronautical research and technology policy. Volume 1 Summary report p 187 N83-17452

Aeronautical research and technology policy, volume 2 p 372 N83-23268

**GRANTS**

Contracts, grants and funding summary of supersonic cruise research and variable-cycle engine technology programs, 1972 - 1982 [NASA-TM-85650] p 666 N83-33848

**GRAPH THEORY**

Air traffic flow control systems - Modelling and evaluation p 258 A83-26602

**GRAPHITE**

Service evaluation of airborne tire pressure indicating systems [DOT/FAA/RD-82/89] p 331 N83-20934

Unsymmetric laminated graphite/epoxy composite plate and beam analysis for determining coefficients of thermal expansion [AD-A128625] p 765 N83-35416

**GRAPHITE-EPOXY COMPOSITES**

Analysis of bonded repairs to damaged fibre composite structures p 209 A83-13200

Serviceability evaluation of advanced composite F-14A main-landing-gear-strut doors and overwing fairings p 185 A83-20480

Demonstration of reparability and repair quality on graphite/epoxy structural subelements p 186 A83-20485

Sonic fatigue of advanced composite panels in thermal environments p 224 A83-22166

Graphite/epoxy material characteristics and design techniques for airborne instrument application p 225 A83-22595

Sealants - Uses in composite structures p 293 A83-23615

Advanced design structural considerations when introducing new materials and construction methods p 328 A83-29394

Fracture behavior of hybrid composite laminates [AIAA 83-0804] p 350 A83-29736

Static and damage tolerance tests of an advanced composite vertical fin for L-1011 aircraft [AIAA 83-0970] p 328 A83-29780

First design details of the all-composite Lear Fan p 383 A83-30829

X-29 - Advanced technology demonstrator p 384 A83-31051

Effects of extreme aircraft storage and flight environments on graphite/epoxy p 403 A83-33122

Design of an aerobatic aircraft wing using advanced composite materials [SAE PAPER 821346] p 517 A83-37955

Manufacturing methods for composite graphite hole generation [SAE PAPER 821418] p 557 A83-37976

Composite materials in aircraft structures p 551 A83-40130

Fatigue of composite bolted joints under dual load levels p 559 A83-40158

Design, manufacture and test of graphite composite wing box test structure p 525 A83-40291

Weight control program for a graphite/epoxy aircraft [SAE PAPER 1485] p 635 A83-43752

Observation of damage growth in compressively loaded laminates p 692 A83-46810

Flight service evaluation of composite helicopter components [NASA-CR-165952] p 192 N83-12071

Opportunities for composites in commercial transport structures p 210 N83-12148

Effects of simulated lightning on composite and metallic joints [NASA-TM-84554] p 177 N83-14170

Repair techniques for graphite/epoxy structures for commercial transport applications [NASA-CR-159056] p 225 N83-16397

Flight service evaluation of composite components on Bell 206L and Sikorsky S-76 helicopters [NASA-TM-84637] p 297 N83-19815

Advanced manufacturing development of a composite empennage component for L-1011 aircraft [NASA-CR-172658] p 440 N83-25692

Advanced manufacturing development of a composite empennage component for L-1011 aircraft [NASA-CR-172659] p 440 N83-25693

Advanced composite aileron for L-1011 transport aircraft Design and analysis [NASA-CR-165635] p 606 N83-30406

Advanced composite aileron for L-1011 transport aircraft Aileron manufacture [NASA-CR-165718] p 635 N83-30522

Joining advanced fibre composites p 636 N83-30531

Repair of graphite/epoxy composites p 636 N83-30535

Standard tests for toughened resin composites, revised edition [NASA-RP-1092-REV] p 638 N83-31730

Aeroelastic properties of straight and forward swept graphite/epoxy wings [AD-A127014] p 638 N83-31734

Design technology of advanced composites [AD-A127892] p 638 N83-31735

Fatigue behavior of adhesively bonded joints [NASA-CR-174458] p 766 N83-36509

**GRAPHITE-POLYIMIDE COMPOSITES**

Design, fabrication and test of graphite/polyimide composite joints and attachments [AIAA 83-0907] p 355 A83-29763

Composite engine duct fabrication p 490 A83-39941

Graphite/Larc-160 technology demonstration segment test results [NASA-CR-172123] p 637 N83-30539

Failure mechanisms p 693 N83-33962

Marine gravity measurement from fixed wing aircraft p 696 A83-46111

**GRAVITATION**

Statistical review of counting accelerometer data for Navy and Marine fleet aircraft [AD-A124966] p 443 N83-26834

**GRAVITATIONAL EFFECTS**

Gravity modeling for airborne applications p 17 A83-11090

'A total G-force environment dynamic flight simulator' - A new dimension in flight simulation [AIAA PAPER 83-0139] p 171 A83-16548

**GRAVITY ANOMALIES**

The use of multiple inertial systems to correct for the effects of gravitational anomalies [AIAA PAPER 83-2196] p 591 A83-41681

**GRAVITY WAVES**

Numerical simulation of the atmosphere during a CAT encounter p 565 A83-38764

## GREEN FUNCTION

Analysis of microstrip wraparound antennas using dyadic Green's function p 258 A83-26830  
Green's function solution and applications for cracks emanating from a circular hole in an infinite sheet p 764 A83-49599

Finite element calculations for aerodynamic coefficients of 3-dimensional body in subsonic flow using Green's function method [NAL-TR-724] p 244 N83-18661

## GREENLAND

Ice sheet surface features in southwestern Greenland from satellite radio altimetry [NASA-CR-156887] p 362 N83-22689

## GRIDS

A multi-grid method for the computation of viscous/inviscid interactions on airfoils [AIAA PAPER 83-0234] p 132 A83-16602

Analytical calculation of a single jet in crossflow and comparison with experiment [NASA-TM-83027] p 163 N83-14127

Analytical calculation of a single jet in cross-flow and comparison with experiment p 538 N83-29219

## GRINDING

Feasibility study on CNC multipoint grinding of jet engine components using force sensing adaptive control [AD-A121725] p 302 N83-19953

## GROOVES

Design analysis of a self-acting spiral-groove ring seal for counter-rotating shafts --- o ring seals [AIAA PAPER 83-1134] p 474 A83-36239

Design analysis of a self-acting spiral-groove ring seal for counter-rotating shafts --- o ring seals [NASA-TM-83346] p 393 N83-23306

Design analysis of a self-acting spiral-groove ring seal for counter-rotating shafts [NASA-TP-2142] p 458 N83-25712

## GROUND BASED CONTROL

Flight-test results using nonlinear control with the F-8C digital fly-by wire aircraft [AIAA PAPER 83-2174] p 619 A83-41669

A ground control system for UMA --- unmanned aircraft p 592 A83-43713

Phoenix GCS - Some considerations which influence the design of computer assisted ground control stations for RPV p 592 A83-43714

Extended uses of the Aquila RPV system p 601 A83-43716

Digital simulation and control of the Machan UMA p 593 A83-43718

A flight control and navigation system for small RPVs p 593 A83-43723

Techniques for air traffic planning and handling in the terminal area [DFVLR-MITT-82-04] p 27 N83-10032

## GROUND EFFECT

An experimental and theoretical investigation of thick wings at various sweep angles in and out of ground effect [NASA-TP-2068] p 9 N83-10016

Rotor aerodynamics in ground effect at low advance ratios [AD-A118609] p 180 N83-12051

Viscous flowfields induced by three-dimensional lift jets in ground effect [AD-A121026] p 301 N83-19062

Ground reflection effects in measuring propeller aircraft flyover noise [ESA-TT-742] p 571 N83-28992

V/STOL fountain force coefficient [AD-A126261] p 528 N83-29200

## GROUND EFFECT (AERODYNAMICS)

A method for estimating the propulsion induced aerodynamic characteristics of STOL aircraft in ground effect [AIAA PAPER 83-0169] p 149 A83-16567

Ground effects on aircraft noise for a wide-body commercial airplane p 305 A83-24034

Subsonic dynamic stall in pitching and plunging oscillations including large ground interference effects [AIAA 83-0889] p 313 A83-29836

A study of the motion of thin-section wings of complex configurations near a solid surface p 375 A83-33005

Dynamic stability of a flight vehicle near a perturbed surface p 396 A83-33008

Motion of aircraft trailing vortices near the ground [AIAA PAPER 83-2130] p 579 A83-41953

The effect of damage in structural elements on the ground resonance of a helicopter p 731 A83-49446

Characteristics of the ground vortex developed by various V/STOL jets at forward speeds [AIAA PAPER 83-2494] p 717 A83-49585

## GROUND EFFECT (COMMUNICATIONS)

Improved simulation of ground reflections --- of radio navigation signals for flight control p 258 A83-26486

## GROUND EFFECT MACHINES

Canadian Symposium on Air Cushion Technology, 16th, Charlottetown, Prince Edward Island, Canada, October 19-21, 1982, Preprints p 484 A83-34851

Application of system identification flight analysis techniques to the pitch-heave dynamics of an air cushion vehicle p 484 A83-34852

An over-view of UTIAS research on the dynamic stability of air cushion vehicles p 484 A83-34853

Computer studies of ACV heave performance as a function of vent valve control parameters p 460 A83-34854

How to improve air cushion vehicle performance with VUMP equipped wave-forming keels --- Vent-pump p 484 A83-34855

Technical aspects of the AEROBAC AB-7 p 484 A83-34858

'Larus' and 'VP-1' tested in winter 1982 p 485 A83-34859

New concept in hovercraft design diesel versus gas turbines p 485 A83-34860

ACV lift air systems - More puff for less power p 485 A83-34861

AP 1-88 craft 001 prototype clearance trials p 485 A83-34862

Operational deployment of the air cushion vehicle p 485 A83-34864

From Voyageur on - The exploitation of an opportunity to develop a Canadian air cushion vehicle industry --- developing Canadian Air Cushion Vehicle Industry p 485 A83-35052

A new class ACV - Tanker freighter p 485 A83-35053

Dynamic modeling of an air cushion vehicle p 486 A83-35054

Computer studies of ACV heave dynamics stabilization p 486 A83-35055

Developments in air cushion vehicle spray suppression p 486 A83-35056

A design synthesis model for ACV/SES lift systems p 486 A83-35057

Skirts - Time for a new look? p 486 A83-35058

The Transportation Development Centre contribution to air cushion technology p 486 A83-35059

LACV-30 supportability p 486 A83-35062

Design and experimentation within the Mobility Development Laboratory (MDL) utilizing the Static and Dynamic Test Machines p 630 A83-42549

The basic aerodynamics of floatation p 764 A83-48679

Experimental analysis of the performance of an annular peripheral jet vehicle in ground effect [AD-A124949] p 443 N83-26832

## GROUND HANDLING

Impact of stretching wide-bodied aircraft on existing airport facilities [AIAA PAPER 83-1578] p 398 A83-33351

Identifying aircraft and airport compatibility - A straightforward approach to complexity [AIAA PAPER 83-1582] p 399 A83-33354

Interaction of the small commuter operation within the hub terminal [AIAA PAPER 83-1584] p 379 A83-33355

Application of nonlinear adaptive motion washout to transport ground-handling simulation [NASA-TM-84568] p 265 N83-18709

Factors influencing aircraft ground handling performance [NASA-TM-85652] p 527 N83-27979

## GROUND STATIONS

VOR/DME automated station selection algorithm p 321 A83-28597

A cost effective quick-response test station p 398 A83-32927

Air traffic services in Portugal p 325 N83-22182

Overview of United States program for modernizing air traffic control and airway facilities p 325 N83-22184

## GROUND SUPPORT EQUIPMENT

Direct-current power supply units GVG 800/350 p 746 A83-50115

Advisory circular Building for storage and maintenance of airport snow removal and ice control equipment A guide [FAA-AC-150/5220-15] p 560 N83-28283

Operational engine usage p 540 N83-29246

## GROUND SUPPORT SYSTEMS

Some advances in ground systems for air traffic control p 142 A83-17734

USAF ground fiber optic development program p 228 A83-19711

AISA - Program for automated treatment of aeronautical data --- for civil aviation applications p 462 A83-35598

Increasing future fighter weapon system performance by integrating basing, support and air vehicle requirements [AD-A129039] p 712 N83-34888

## GROUND TESTS

The role of CFD in aeropropulsion ground testing --- Computational Fluid Dynamics [AIAA PAPER 83-0149] p 172 A83-16557

Compact installation for testing vectored-thrust engines p 218 A83-22158

Ground tests for obtaining the airworthiness certificate for an automatic terrain-following system [DGLR PAPER 82-040] p 253 A83-24164

Experiments of Omega for aviation p 255 A83-24862

AFTI/F-16 aeroservoelastic analyses and ground test with a digital flight control system [AIAA 83-0994] p 341 A83-29888

Ground simulation of engine operation at altitude p 463 A83-35863

Uniform engine testing program Phase 1 NASA Lewis Research Center participation [NASA-TM-82978] p 163 N83-14126

Structural testing for static failure, flutter and other scary things [NASA-TM-84606] p 234 N83-17899

Ground test experience with large composite structures for commercial transports [NASA-TM-84627] p 564 N83-29732

Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison of the wing pressure distribution and local wake survey from analytical, wind tunnel and flight results p 603 N83-30362

Ground and flight test techniques used for proof of structural integrity of the Tornado combat aircraft p 605 N83-30377

Composites in ground test services --- aircraft manufacturing [BAE-KGT-N-GEN-00999] p 638 N83-31729

## GROUND TRACKS

Program to compute the positions of the aircraft and of the aircraft sensor footprints [E83-10139] p 234 N83-16814

Ice sheet surface features in southwestern Greenland from satellite radio altimetry [NASA-CR-156887] p 362 N83-22689

## GROUND WAVE PROPAGATION

Radiation patterns of a quarter-wave monopole on a finite ground plane --- for aircraft antennas p 144 A83-18682

## GROUND-AIR-GROUND COMMUNICATION

The future of civil avionics p 512 A83-37819

Traffic alert and collision avoidance system p 146 N83-14094

Mode S beacon system Functional description [ATC-42-REV-C] p 698 N83-33016

Automatic speech recognition as a cockpit interface p 736 N83-34899

## GROWTH

Review of the FAA 1982 National Airspace System Plan [PB83-102772] p 293 N83-19764

## GUIDANCE (MOTION)

Experience with flight test trajectory guidance p 675 A83-45470

Aeronautics research and technology program and specific objectives [NASA-TM-85163] p 176 N83-13059

Evaluation of supplemental lights for caution bars [FAA-CT-82-119] p 220 N83-17559

## GUIDANCE SENSORS

Sensor snap and narrow field-of-view inset for terrain avoidance flight p 36 A83-11188

The A6E /TRAM/ all-weather weapon system -- Target Recognition and Attack Multisensor p 24 A83-11260

Radio-electronic guidance systems --- Russian book p 299 A83-25622

Terrain profile matching for missile guidance p 321 A83-28164

Algorithm development for infra-red air-to-air guidance systems - How to separate the wheat from the chaff A simple approach to target detection p 321 A83-28178

Development and test of an integrated sensory system for advanced aircraft p 390 A83-30159

Missile guidance electromagnetic sensors p 723 A83-48769

mm-wave sensors for missile guidance p 724 A83-48773

## GUIDE VANES

Composite fan exit guide vanes for high bypass ratio gas turbine engines p 198 A83-13159

Effect of variable guide vanes on the performance of a high-bypass turbofan engine p 274 A83-24028

The performance of an annular vane swirler --- to aid in modeling gas turbine combustor flowfields and swirling confined flow turbulence

[AIAA PAPER 83-1326] p 455 A83-36340

Aerodynamic performance of a fan stage utilizing variable inlet guide vanes (VIGVs) for thrust modulation --- subsonic V/STOL aircraft

[AIAA PAPER 83-1162] p 660 A83-45508

A limited study of thrust vector control with guide vanes and jet rudder

[FOA-C-20455-E3] p 221 N83-16386

Roughness effects on compressor outlet guide vanes at high Reynolds Number and high turning angle

[AD-A124688] p 395 N83-24511

Aerodynamic performance of a fan stage utilizing Variable Inlet Guide Vanes (VIGVs) for thrust modulation --- subsonic V/STOL aircraft

[NASA-TM-83438] p 504 N83-27957

Evaluation of the performance and flow in an axial compressor

[AD-A125619] p 561 N83-28387

## GULF OF MEXICO

Helicopter IFR - The economics of schedule regularity

[SAE PAPER 821501] p 507 A83-38009

Flight test investigation of area calibrated LORAN-C for en route navigation in the Gulf of Mexico

[FAA-RD-82-7] p 186 N83-12059

## GULF STREAM

Airborne dual laser excitation and mapping of phytoplankton photopigments in a Gulf Stream Warm Core Ring

p 648 A83-42210

## GUN PROPELLANTS

Success of dye forging titanium discs on a gunpowder hammer

p 60 N83-11053

## GUN TURRETS

Microprocessor-based optimal controllers for a helicopter turret control system

p 434 A83-35138

Microprocessor controlled optimal helicopter turret control system

p 516 A83-37148

Air transportable AS32/P-4 crash rescue vehicle

[AD-A128068] p 669 N83-33864

## GUNFIRE

The effects of firing a weapon on the air intake in a subsonic flow

[AAAF PAPER NT 81-11] p 8 A83-11772

Technical evaluation Report. The Specialists' Meeting on Dynamic Environmental Qualification Techniques

[AD-A121978] p 31 N83-10039

## GUNS (ORDNANCE)

Maximizing survivability and effectiveness of air-to-ground gunnery using a moveable gun

p 21 A83-11192

Thirty years of fighter armament

p 203 A83-20600

Analysis of missile response to gunfire environment --- vibration and shock effects on captive-carry configuration

aboard aircraft p 384 A83-31495

## GUST ALLEVIATORS

Design and implementation of an active load alleviation system, taking into account the example of a modern transport aircraft

[DGLR PAPER 82-045] p 284 A83-24170

Application of optimal control theory to aircraft gust load alleviation

p 619 A83-41484

An integrated maneuver enhancement and gust alleviation mode for the AFTI/F-111 MAF aircraft

[AIAA PAPER 83-2217] p 620 A83-41699

Aeroelastic interactions with flight control (A survey paper)

[AIAA PAPER 83-2219] p 621 A83-41700

OLGA - A gust-alleviation system for general-aviation aircraft --- Open Loop Gust Alleviation

p 750 A83-47212

Active gust load alleviation and ride comfort improvement

p 751 A83-49193

Wind tunnel tests of a free-wing/free-timmer model

[NASA-CR-170394] p 137 N83-15263

The Open Loop Gust Alleviation system OLGA

[BMFT-FB-W-82-030] p 397 N83-23319

Ride quality systems for commuter aircraft

[NASA-CR-166118] p 397 N83-24512

Correlation aspects in the identification of dynamic effects using complementary techniques flight in turbulence

Gust alleviation p 628 N83-30374

## GUST LOADS

A program system for dynamic analysis of aeronautical structures /HAJIF-II/

p 215 A83-15545

Vibration of airfoils in sinusoidal oblique gust

[AIAA PAPER 83-0005] p 129 A83-16457

Study of rotor gust response by means of the local momentum theory

p 169 A83-18379

The acoustic response of a propeller subjected to gusts incident from various inflow angles

[AIAA PAPER 83-0692] p 366 A83-28010

Noise generation by a finite span swept airfoil

[AIAA PAPER 83-0768] p 366 A83-28023

Aerodynamic theory for wing with side edge passing subsonically through a gust

p 375 A83-32977

Application of optimal control theory to aircraft gust load alleviation

p 619 A83-41484

Theoretical gust response prediction of a Joukowski airfoil

p 580 A83-42536

Numerical computation of unsteady subsonic aerodynamic forces on wing-body-tail exposed to traveling gust

p 9 N83-10006

Digital calculation of the propagation in time of the aircraft gust response covariance matrix

[VTH-LR-266] p 48 N83-10053

The Open Loop Gust Alleviation system OLGA

[BMFT-FB-W-82-030] p 397 N83-23319

The effect of sheet thickness and laminating on the fatigue resistance of the aluminum alloy AL 7010 - T 73651

[NLR-TR-81056-U] p 403 N83-23421

Calculation of wing response to gusts and blast waves with vortex lift effect

[NASA-CR-170340] p 408 N83-24796

Strong winds in the atmosphere boundary layer Part 1

Mean hourly wind speeds --- wind loads on buildings and structures

[ESDU-82026-AMEND-A] p 700 N83-33209

Tabulation of recorded gust and maneuver accelerations and derived gust velocities and airplanes in the NASA VGH

General Aviation Program

[NASA-TM-84660] p 669 N83-33859

## GUSTS

Dynamic simulation in wind tunnels

p 55 A83-11079

Short-range prediction of mesoscale windfields

p 409 A83-30567

An analysis of spanwise gust gradient data

p 565 A83-38762

Interactions of airfoils with gusts and concentrated vortices in unsteady transonic flow

[AIAA PAPER 83-1691] p 502 A83-39267

A general program for predicting rigid-aircraft gust response

[ARL/AERO-NOTE-407] p 203 N83-12097

Measurement of the flow-field behind harmonically oscillating gust generators in the model subsonic wind tunnel (MUK)

[DFVLR-FB-82-26] p 315 N83-20920

Gust response prediction of an airfoil using a modified von Karman-Pohlhausen technique

[AD-A124716] p 461 N83-25718

Weather hazard simulation in the Modane wind-tunnels

[NASA-TM-77069] p 631 N83-30438

Low-level gust gradient program and aviation workshop effort

p 767 N83-36592

Feasibility study of a procedure to detect and warn of low-level wind shear

p 767 N83-36593

Low-level flow conditions hazardous to aircraft

p 767 N83-36595

## GYROCOMPASSES

Development of inertial navigation and its employment in measurement technology

p 141 A83-16900

## GYROSCOPES

Kalman filter formulations for transfer alignment of strapdown inertial units

p 569 A83-40303

Gyroscopic instruments and their application to flight testing

[AGARD-AG-160-VOL-15] p 233 N83-17855

Navigation National plans, NAVSTAR-GPS, Laser gyros

[AD-A125533] p 515 N83-29194

Introduction to optical rate sensors

p 735 N83-34895

## GYROSCOPIC STABILITY

NAPC gyroscopic moment test facility

p 173 A83-18407

Angular motion of a spinning projectile with a viscous liquid payload

p 544 A83-37067

A new strapdown attitude algorithm

p 511 A83-37068

## GYROSTABILIZERS

The application of gyroscopes in remotely piloted vehicles

p 609 A83-43708

Aircraft body-axis rotation measurement system

[NASA-CASE-FRC-11043-1] p 682 N83-33882

# H

## H-53 HELICOPTER

The super stallion --- CH-53E helicopter design features

p 435 A83-36075

Design, fabrication, installation and flight service evaluation of a composite cargo ramp skin on a model CH-53 helicopter

[NASA-CR-172126] p 693 N83-33955

## H-60 HELICOPTER

The UH-60A Black Hawk A world-wide force multiplier

p 30 A83-12934

The T700-GE-700 engine experience in sand environment

p 278 A83-24842

Predesign study for a modern 4-bladed rotor for RSRA [NASA-CR-166155]

p 176 N83-13065

Demonstration and analysis of an improved nondestructive evaluation (NDE) method for rotary wing head spindle threads

[AD-A128741] p 712 N83-34890

## HAIL

Electric charging by impact of hailstones and raindrops

p 649 N83-31231

## HAMILTONIAN FUNCTIONS

Optimal periodic control

[AD-A130114] p 752 N83-36037

## HAMMERS

Success of dye forging titanium discs on a gunpowder hammer

p 60 N83-11053

## HANDBOOKS

USAF Bioenvironmental Noise Data Handbook Volume 160

KC-10A aircraft, near and far-field noise

[AD-A121301] p 309 N83-19579

Proposed MIL standard and handbook Flying qualities of air vehicles Volume 1 Proposed MIL standard

[AD-A123674] p 373 N83-24468

Terminal forecast reference notebook for RAF Fairford, United Kingdom

[AD-A126095] p 567 N83-29930

USAF (United States Air Force) bioenvironmental noise data handbook Volume 2 Index

[AD-A126851] p 653 N83-31421

## HANG GLIDERS

Microlights - The state of the art

p 241 A83-23685

An investigation and comparison of the aerodynamic performance of selected hang-glider airfoil sections

[BU-276] p 192 N83-16305

## HANGARS

A study of atmospheric flow in the wake of a large structure

p 567 N83-28788

## HARDWARE

Emulation, a cost effective alternative for replacing obsolete ATE

p 69 A83-10763

The U S Air Force and U S Navy Standard Central Air Data Computer

p 34 A83-11120

Integrated and transferable hardware/software checkout --- of digitally controlled flight systems

p 71 A83-11249

Reducing the cost for airborne instrumentation hardware testing

p 398 A83-32928

Deterioration trending enhances jet engine hardware durability assessment and part management

[AIAA PAPER 83-1234] p 453 A83-36297

The use of production hardware for the development of control laws --- LSI for engine control

[ASME PAPER 83-GT-6] p 737 A83-47879

Flight testing of inertial navigation systems Hardware and software description

[ESA-TT-772] p 515 N83-27974

Demonstration Advanced Avionics System (DAAS), phase 1

[NASA-CR-166503] p 612 N83-31602

## HARDWARE UTILIZATION LISTS

The remote link unit A demonstration of operational performance Part 3 Design manual Volume 2

Appendices A - C

[AD-A124622] p 476 N83-25935

## HARMONIC EXCITATION

A three degree-of-freedom, typical section flutter analysis using harmonic transonic air forces

[AIAA PAPER 83-0960] p 406 A83-32797

Flight flutter testing with emphasis on the tip vane method

p 628 N83-30381

## HARMONIC GENERATIONS

Spectral decontamination of a real-time helicopter simulation

[AIAA PAPER 83-1087] p 436 A83-36211

## HARMONIC OSCILLATION

Higher harmonic control for the jet smooth ride

p 396 A83-33096

Energetics and optimum motion of oscillating lifting surfaces --- energy losses of rigid wings

[AIAA PAPER 83-1710] p 492 A83-37204

The influence of blade tip geometry on the unsteady pressure distribution of a rotor blade Part 1 Rectangular tip

[DFVLR-FB-82-11] p 14 N83-11091

Measurement of the flow-field behind harmonically oscillating gust generators in the model subsonic wind tunnel (MUK)

[DFVLR-FB-82-26] p 315 N83-20920

Linearized two-dimensional oscillatory airforce coefficients and load distributions on thin airfoils in subsonic flow

[ESDU-81034] p 664 N83-32761

## SUBJECT INDEX

- Lineated two-dimensional oscillatory airforce coefficients and load distributions on thin aerofoils in supersonic flow --- pitching moments [ESDU-82005] p 664 N83-32762
- HARMONICS**  
A note on adaptive wind tunnels with imperfect control p 466 N83-26792
- HARNESSES**  
Preliminary development of the XV (Ex-Vee) aircrew restraint [AD-A118991] p 139 N83-14079  
Ejection seat-mounted crewmember restraint integrated with survival vest and flotation [AD-A126859] p 585 N83-30399  
Centrifuge tests of modifications to the MA-2 aircrewman torso harness, phase 1 [AD-A126416] p 669 N83-33860
- HARRIER AIRCRAFT**  
Sky Hook to help ships launch Harrier p 206 A83-13575  
Supersonic Harrier - One step closer p 200 A83-16371  
Fiber-optic technology takes to the air p 140 A83-16867  
YAV-8B flight demonstration program [AIAA PAPER 83-1055] p 438 A83-36466  
A variable structure approach to robust control of VTOL aircraft p 544 A83-37145  
Development of thrust augmentation technology for the Pegasus vectored thrust engine [SAE PAPER 821390] p 532 A83-37966  
Simulation evaluation of flight controls and display concepts for VTOL shipboard operations [AIAA PAPER 83-2173] p 575 A83-41668
- HARTMANN FLOW**  
The measurement of pressure pulsations by means of piezoelectric transducers p 640 A83-41891
- HASTELLOY (TRADEMARK)**  
An evaluation of fretting at small slip amplitudes p 177 A83-17254
- HATCHES**  
Design, fabrication and testing of an advanced composite access door for use in a lower wing panel [VTH-LR-335] p 61 N83-11251
- HAZARDS**  
Hazards of colour coding in visual approach slope indicators [ARL/REPT-25] p 186 N83-12057  
Possible safety hazards associated with the operation of the 0.3-m transonic cryogenic tunnel at the NASA Langley Research Center [NASA-CR-166026] p 174 N83-14140  
Chicago Monostatic Acoustic Vortex Sensing System Volume 4. Wake vortex decay [AD-A120081] p 138 N83-15269  
Conflict monitoring analysis of parallel opposite direction routes, volume 1 [AD-A120080] p 148 N83-15279  
Atmospheric electricity hazards protection program p 649 N83-31165  
Some results and limitations of Pory analysis of in-flight lightning data p 646 N83-31178
- HAZE**  
Arctic haze and the Arctic gas and aerosol sampling program /AGASP/ [AIAA PAPER 83-0439] p 188 A83-16714
- HEAD FLOW**  
On the numerical solution of head-on vehicle shock-planar incident shock interaction flow p 659 A83-44556
- HEAD MOVEMENT**  
Vertical impact tests of a modified F/B-111 crew seat to evaluate headrest position and restraint configuration effects [AD-A120255] p 197 N83-16311
- HEAD-UP DISPLAYS**  
Holographic HUDs de-mystified p 35 A83-11171  
TF/TA by means of integrated FLIR and radar sensors --- terrain following-terrain avoidance displays using forward looking infrared imagery p 36 A83-11240  
The application of diffraction optics to the LANTIRN head-up display p 196 A83-16131  
Head up display operational problems p 197 A83-16135  
Colour flight deck displays p 197 A83-16336  
Applications of head-up displays in commercial transport aircraft p 269 A83-24428  
A history of electronic flight instruments - through tomorrow p 608 A83-41532  
Wide field of view head-up displays p 681 A83-44690  
Lateral flying qualities of highly augmented fighter aircraft, volume 2 [AD-A118071] p 204 N83-12100  
Low altitude navigation augmentation system [AD-A119700] p 147 N83-14100

- Evaluation of helicopter pilot's attitude control using a simulated head-up display in a simulated helicopter cockpit [AD-A119570] p 219 N83-16355  
Modern display technologies and applications [AGARD-AR-169] p 310 N83-20758  
Installation, validation and flight evaluation of the Federal Aviation Administration's head-up display system [NASA-TM-85255] p 610 N83-30412
- HEARING**  
Electronic voice communications improvements for Army aircraft [AD-A119427] p 183 N83-14387
- HEAT BALANCE**  
Transient heat flow along uni-directional fibers in composites [AD-A122926] p 471 N83-26929
- HEAT EXCHANGERS**  
Regenerative shaft engines for helicopters, multipurpose and feeder service aircraft [DGLR PAPER 82-087] p 276 A83-24199  
Prospects for the use of heat exchangers in aircraft gas turbines [DGLR PAPER 82-088] p 276 A83-24200  
Thermal cycling in compact plate-fin heat exchangers --- in aircraft gas turbines p 445 A83-34253  
Mathematical modeling of gas-turbine engines with heat regeneration p 615 A83-42154  
The cooling of printed circuit board mounted components using copper ladder heat conduction to a cold wall [RAE TR-82092] p 560 N83-28326  
Development of high-temperature resistant, noncorrosible, nonmetallic ceramic materials, especially silicon nitride, for heat exchangers in gas turbine application [BMFT-FB-83-026] p 555 N83-29408  
Use of cooling air heat exchangers as replacements for hot section strategic materials [NASA-TM-83494] p 747 N83-34946
- HEAT FLUX**  
Current studies at Calspan utilizing short-duration flow techniques p 290 A83-26128  
Measurement and analyses of heat flux data in a turbine stage II Discussion of results and comparison with predictions [ASME PAPER 83-GT-122] p 740 A83-47951  
Development of advanced high-temperature heat flux sensors [NASA-CR-165618] p 42 N83-10044  
Measurement techniques in turbomachines, ultrathin transducers applied to measurements in turbomachines p 216 N83-12273  
Assessment of correlations between laboratory and full-scale experiments for the FAA (Federal Aviation Administration) Aircraft Fire Safety Program Part 6 Reduced-scale modeling of compartments at atmosphere pressure [PB83-193052] p 721 N83-34927
- HEAT GENERATION**  
The relationship between the aerodynamics of a combustion chamber and the dynamics of heat release p 273 A83-23446
- HEAT MEASUREMENT**  
Measurement and analyses of heat flux data in a turbine stage I - Description of experimental apparatus and data analysis [ASME PAPER 83-GT-121] p 740 A83-47950  
Measurement and analyses of heat flux data in a turbine stage II - Discussion of results and comparison with predictions [ASME PAPER 83-GT-122] p 740 A83-47951  
An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 2 Rate of energy release in fire [PB83-113530] p 251 N83-19728
- HEAT OF COMBUSTION**  
An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 2 Rate of energy release in fire [PB83-113530] p 251 N83-19728
- HEAT PIPES**  
Radiant heating tests of several liquid metal heat-pipe sandwich panels [NASA TM-85669] p 702 N83-34226
- HEAT PUMPS**  
Heat activated heat-pump development and potential application of Stirling-engine technology [DE83-002134] p 363 N83-22817
- HEAT RESISTANT ALLOYS**  
Fabrication and heat treatment of a Ni-base superalloy integrally bladed rotor for small gas turbine engine applications p 177 A83-19102  
High temperature stability of pack aluminide coatings on IN38LC p 230 A83-21459

## HEAT TRANSFER

- Fatigue and creep considerations in the design of turbine components p 230 A83-21461  
The interaction of high temperature corrosion and mechanical properties of alloys p 224 A83-21470  
The relationship between structure, properties and processing in powder metallurgy superalloys p 224 A83-21493  
Metallurgical instabilities during the high temperature low cycle fatigue of nickel-base superalloys p 224 A83-22019  
High temperature erosion study of INCO 600 metal p 468 A83-35247  
The effect of microstructure on the fatigue behavior of Ni base superalloys p 469 A83-36166  
High-temperature composites Status and future directions p 551 A83-40129  
Fatigue crack initiation and propagation in several nickel-base superalloys at 650 C p 634 A83-41199  
Recent developments in high temperature coatings for gas turbine airfoils p 634 A83-42254  
Ni-base MC-carbide reinforced eutectic alloys for jet engine application p 691 A83-44061  
The construction and testing of pilot installations for making diffusion connections and for depositing layers on high-alloy engine components p 760 A83-47206  
Development of the single crystal alloys CM SX 2 and CM SX-3 for advanced technology turbine engines [ASME PAPER 83-GT-244] p 756 A83-48034  
Aluminide coatings on superalloys [ONERA, TP NO 1983-68] p 756 A83-48189  
Erosion-corrosion of coatings and superalloys in high velocity hot gases p 757 A83-49481  
Alloy design for hot corrosion resistance p 757 A83-49482  
A fundamental basis for using the platinum group elements as alloying additions in nickel-base alloys to improve high temperature corrosion p 757 A83-49501  
COSAM (Conservation Of Strategic Aerospace Materials) program overview [NASA-TM-83006] p 61 N83-11282  
Casting critical components --- investment casting [NEL-681] p 218 N83-13294  
Overspeed and overtemperature tests and dissection examination of the turbine discs made of a iron-nickel base superalloy p 165 N83-15261  
Coating with overlay metallic-cermet alloy systems [NASA CASE-LEW-13639-2] p 227 N83-17683  
Physical properties data compilations relevant to energy storage Part 5 Mechanical properties data on alloys for use in flywheels [PB82-232919] p 296 N83-18904  
The effects of small deformation on creep and stress rupture of ODS superalloys [AD A125640] p 553 N83-28212  
Considerations of technology transfer barriers in the modification of strategic superalloys for aircraft turbine engines [NASA-TM-83395] p 554 N83-29360
- HEAT SHIELDING**  
Tests of a thermal acoustic shield with a supersonic jet p 72 A83-10183  
Structural analysis of Shuttle orbiter penetration tiles [AIAA PAPER 83-0914] p 406 A83-32788  
Aerospace technology demonstrators/research and operational options [AIAA PAPER 83-1054] p 438 A83-36465  
Flightweight radiantly and actively cooled panel Thermal and structural performance [NASA-TP-2074] p 68 N83-11513  
The effect of asymmetric attack on trim angle of attack [NASA-TM-84309] p 377 N83-24473
- HEAT TRANSFER**  
Thermal behavior and insulation of a cryogenic wind tunnel [ONERA, TP NO 1982-89] p 173 A83-18427  
Thermal properties of some asphaltic concrete mixes [AIAA PAPER 83-1598] p 399 A83-33361  
Thermal stability of alternative aircraft fuels [AIAA PAPER 83-1143] p 470 A83-36243  
Prediction of stagnation flow heat transfer on turbomachinery airfoils [AIAA PAPER 83-1173] p 420 A83-36259  
The effect of supercritical pressure gradients on heat transfer in turbine nozzle cascades p 614 A83-42140  
Heat transfer at the tip of an unshrouded turbine blade p 642 A83-42706  
The one-dimensional analysis of fin assembly heat transfer p 643 A83-43365  
An experimental investigation of endwall heat transfer and aerodynamics in a linear vane cascade [ASME PAPER 83-GT-52] p 714 A83-47909  
Fractional characteristics and heat transfer of antimisting fuels in tubes [NASA-CR-169388] p 211 N83-12248

Measurement techniques for heat transfer in the turbine using short duration wind tunnel techniques p 216 N83-12271

Curvature effects on the heat transfer performance of three-dimensional film cooling of gas turbine blades [AD-A119729] p 164 N83-14131

Film Cooling and Turbine Blade Heat Transfer, volume 1

[VKI-LS-1982-02-VOL-1] p 282 N83-18730  
Introduction to film cooling, three dimensional film cooling, curvature effects and film cooling

Film Cooling and Turbine Blade Heat Transfer, volume 2

[VKI-LS-1982-02-VOL-2] p 282 N83-18738  
Heat transfer rate to blade profiles. Theory and measurement in transient facilities p 283 N83-18740

Numerical simulation of an electrothermal heater pad [NASA-CR-168097] p 380 N83-23281

Analytical fuel property effects, small combustors, phase 1

[NASA-CR-168138] p 404 N83-23464  
Temperature response of a model to set-point changes and conditioning in ETW p 465 N83-25721

Effects of flow separation and cove leakage on pressure and heat-transfer distributions along a wing-cove-elon configuration at Mach 6.9 --- Langley 8-ft high temperature tunnel test

[NASA-TP-2127] p 561 N83-28378  
Models for predicting tip clearance changes in gas turbines p 541 N83-29255

Axial compressor characteristics during transients p 542 N83-29259

Heat transfer and skin friction measurements in a hypersonic turbulent boundary layer at  $M = 9$  --- Mach number

[IC-AERO-82-04] p 583 N83-30397

Experimental gas-fired pulse-combustion studies [NASA-CR-172827] p 637 N83-30548

Heat transfer on three turbine airfoils [AD-A128762] p 747 N83-34950

#### HEAT TRANSFER COEFFICIENTS

Hydraulics of a channel with a linear jet array --- heat transfer coefficient enhancement by transpiration cooling p 298 A83-24049

Gas turbine engines p 532 A83-37274

Enhancement of heat transfer p 642 A83-42659

Cooling of gas turbine blades p 282 N83-18735

Experimental verification of blade cooling systems and comparison with design calculation p 282 N83-18736

HEAT TRANSMISSION

Transient heat flow along uni-directional fibers in composites [AD-A122926] p 471 N83-26929

HEAT TREATMENT

Design and construction of 2 transonic airfoil models for tests in the NASA Langley C3-M TCT [NASA-TM-85325] p 401 N83-23326

Coarsening and solutioning of precipitates in superalloys

[NLR-TR-81114-U] p 404 N83-23422

Component form and manufacture p 635 N83-30529

HEATING EQUIPMENT

Elevated temperature repairs of advanced composite structures p 223 A83-20499

Review of helicopter icing protection systems [AIAA PAPER 83-2529] p 719 N83-48367

HEAVING

Application of system identification flight analysis techniques to the pitch-heave dynamics of an air cushion vehicle p 484 A83-34852

Computer studies of ACV heave performance as a function of vent valve control parameters p 460 A83-34854

Computer studies of ACV heave dynamics stabilization p 486 A83-35055

HEAVY LIFT AIRSHIPS

Preliminary report on the engineering development of the Magnus Aerospace Corp LTA 20-1 heavy-lift aircraft p 327 A83-28193

Investigation of possible LTA craft application to solve national economy problems p 317 A83-28194

Heavy-lift airship dynamics p 340 A83-29016

Dynamic analysis of the Magnus Aerospace Corporation LTA 20-1 heavy-lift aircraft [AIAA PAPER 83-1977] p 522 A83-38908

A six-degree of freedom heavy lift airship flight simulation [AIAA PAPER 83-1988] p 522 A83-38914

Development of the Magnus Aerospace Corporation's rotating-sphere airship [AIAA PAPER 83-2003] p 523 A83-38922

Hybrid LTA vehicle controllability as affected by buoyancy ratio [NASA-CR-152344] p 204 N83-12099

A study of dingbables for use in the Peruvian Selva Central Region [NASA-TM-85633] p 314 N83-20916

A study of dingbables for use in the Peruvian Selva Central region [NASA-TM-85634] p 315 N83-20917

Flight dynamics analysis and simulation of heavy lift airships Volume 1 Executive summary [NASA-CR-166471-VOL-1] p 344 N83-22207

Flight dynamics analysis and simulation of heavy lift airships Volume 2 Technical manual [NASA-CR-166471-VOL-2] p 344 N83-22208

Flight dynamics analysis and simulation of heavy lift airships, volume 4 User's guide Appendices [NASA-CR-166471-VOL-4] p 344 N83-22210

Flight dynamics analysis and simulation of heavy lift airships Volume 5 Programmer's manual [NASA-CR-166471-VOL-5] p 344 N83-22211

HEAVY LIFT HELICOPTERS

Warm cycle propulsion for the 1990's heavy lift helicopters p 278 A83-24840

HEIGHT

Sidelooking laser altimeter for a flight simulator [NASA-CR-ARC-11312-1] p 702 N83-34304

HELICAL FLOW

Compressible helicoidal surface theory for propeller aerodynamics and noise p 375 A83-32986

HELICOPTER CONTROL

Attempt to determine the power demand of a helicopter control system on the basis of flight tests p 45 A83-10439

A concept for reducing helicopter IFR landing weather minimums - Offshore p 24 A83-12099

Individual blade control independent of a swashplate p 191 A83-16027

Wind tunnel results showing rotor vibratory loads reduction using higher harmonic blade pitch p 169 A83-18385

Identification of certain dynamic characteristics of a helicopter-autopilot system by means of simulation p 216 A83-23222

Multivariable stability margins for vehicle flight control systems p 285 A83-24815

Microprocessor-based optimal controllers for a helicopter turret control system p 434 A83-35138

Helicopter IFR approaches into major terminals using RNAV, MLS, and CDTI p 584 A83-41042

Effects of rotor inertia and rpm control on helicopter handling qualities [AIAA PAPER 83-2070] p 623 A83-41907

On approximating higher-order rotor dynamics in helicopter stability-derivative models [AIAA PAPER 83-2088] p 624 A83-41920

Output feedback pole assignment under system variation --- with CH-46 example p 704 A83-44948

Ground simulation investigation of helicopter decelerating instrument approaches p 668 A83-45461

Helicopter avionics systems certification p 687 A83-45849

Coherent, single-mode fiber optic for multifunction 10.6 micron helicopter avionics system p 706 A83-46639

A new approach to fault-tolerant helicopter swashplate control [AIAA PAPER 83-2485] p 750 A83-48345

Evaluation of control and display configurations for helicopter shipboard operations [AIAA PAPER 83-2486] p 734 A83-48346

NOTAR - The viable alternative to a tail rotor [AIAA PAPER 83-2527] p 728 A83-48365

A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 1 Technical discussion and results [NASA-TM-84258-PT-1] p 48 N83-10049

A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 2 Supporting data [NASA-TM-84258-PT-2] p 48 N83-10050

Status of VTOL and VSTOL flying qualities criteria development Where are we and where are we going? p 49 N83-10056

Helicopter simulation validation using flight data [NASA-TM-84291] p 204 N83-13112

A control model for maneuvering flight for application to a computer flight testing program [NLR-MP-81048-U] p 207 N83-17531

Helicopter simulation validation using flight data p 631 N83-30372

Correlation aspects of analytical, wind tunnel and flight test results for a hingeless rotor helicopter p 604 N83-30373

NASA/FAA experiments concerning helicopter IFR airworthiness criteria [NASA-TM-84388] p 688 N83-33904

#### HELICOPTER DESIGN

Helicopter blade tips [AAAF PAPER NT 81-19] p 8 A83-11778

Military potential of the ABC The UH-60A Black Hawk - A world-wide force multiplier p 30 A83-12097

Helicopter rotor performance evaluation using oscillatory airfoil data p 177 A83-13172

Fail-safe optimal design of complex structures with substructures p 212 A83-13490

Principles of helicopter design and construction --- Serbo-Croatian book p 189 A83-14042

Helicopter vibration reduction by local structural modification p 215 A83-16028

Helicopter technology for the 1990s p 192 A83-16372

Ames expands rotorcraft capability p 173 A83-18273

Evolution of the application of composite materials to helicopters p 151 A83-18376

Composite technology in the UK helicopter industry p 151 A83-18377

Helicopter evolution p 127 A83-18384

An investigation of the aerodynamics of an RAE swept tip using a model rotor

[ONERA, TP NO 1982-76] p 136 A83-18426

The Hummercraft p 204 A83-21033

Will technology make the helicopter competitive p 204 A83-21574

Studies on an acceleration platform and at the time of a simulated crash of helicopter antirash seats p 197 A83-22976

Development of the basic methods needed to predict helicopters' aeroelastic behaviour [ONERA, TP NO 1982-75] p 232 A83-23248

Developmental trends in helicopter design [DGLR PAPER 82-065] p 262 A83-24179

An approach to helicopter power selection p 277 A83-24828

Developments in the design, analysis, and fabrication of advanced technology transmission elements p 298 A83-24832

Design of an advanced 500-HP helicopter transmission p 277 A83-24834

Development of a variable-load energy absorber --- for helicopter seats p 248 A83-25896

Helicopter flight noise tests about the influence of rotor-rotational and forward speed changes on the characteristics of the imitted sound [AIAA PAPER 83-0672] p 365 A83-28002

Design, analysis and test of composite curved frames for helicopter fuselage structure [AIAA 83-1005] p 356 A83-29805

Aeroelastic tailoring of rotor blades for vibration reduction in forward flight [AIAA 83-0916] p 329 A83-29844

Identification of helicopter rotor dynamic models [AIAA 83-0988] p 330 A83-29866

A discretized asymptotic method for unsteady helicopter rotor airloads [AIAA 83-0989] p 313 A83-29867

Rotorshaft torque-meter --- to increase helicopter performance p 390 A83-30174

Development of two airfoil sections for helicopter rotor blades p 374 A83-31623

The helicopter preliminary design process p 385 A83-31812

Composite materials applications in the manufacture of helicopters - Design and problems of helicopters p 385 A83-31822

Apache on the war path - The Hughes AH 64 in production at last p 385 A83-31939

Boeing Vertol - The leading edge of technology p 372 A83-33095

Higher harmonic control for the jet smooth ride p 396 A83-33096

Smooth and simple - The Bell Model 680 bearingless main rotor p 388 A83-33098

The fenestron on a helicopter [AAAF PAPER NT 82-18] p 388 A83-33169

A tubular braided composite main rotor blade spar p 435 A83-35949

Evaluation of the effect of voids in composite main rotor blades p 435 A83-35950

The super stallion --- CH-53E helicopter design features p 435 A83-36075

The Ka-26 helicopter --- Russian book p 437 A83-36448

Super choppers --- helicopters with counter rotating rotors p 521 A83-38700

DFVLR research on helicopter noise p 490 A83-39346

The dynamics of a helicopter rotor structure p 523 A83-39485

New insights in structural design of composite rotor blades for helicopters p 525 A83-40287



- Blade design for reduced helicopter vibration  
p 594 A83-41076
- Investigations of hingeless rotor stability  
p 600 A83-43874
- The impact of missions on the preliminary design of an ABC rotor  
[SAWE PAPER 1501] p 603 A83-43760
- Composite helicopter structure tested for crashworthiness  
p 675 A83-44875
- Consideration on the fatigue damage of specimens used for composite critical components qualification  
p 697 A83-46307
- Kaman's new directions --- helicopter development  
p 657 A83-46925
- Research and development of helicopters in Europe  
p 677 A83-46929
- Hingeless and bearingless main rotor in a fiber composite type of construction for dynamic systems of future helicopters  
p 724 A83-47195
- The system ARIS and its employment in the development of future helicopters  
p 725 A83-47196
- Studies and designs for a new helicopter cockpit  
p 725 A83-47210
- Design of glass-faced helicopter windshields for survival in a particle impact environment  
[AIAA PAPER 83-2439] p 726 A83-48328
- Application of composites and computer graphics in the design of the MH-53E fuel sponson  
[AIAA PAPER 83-2441] p 726 A83-48329
- A conceptual design program for educational purposes  
[AIAA PAPER 83-2473] p 727 A83-48339
- Formulation of a helicopter preliminary design course  
[AIAA PAPER 83-2521] p 728 A83-48363
- NOTAR - The viable alternative to a tail rotor  
[AIAA PAPER 83-2527] p 728 A83-48365
- Design and technology influences - 'Maturity' at introduction of the 214ST  
[AIAA PAPER 83-2528] p 728 A83-48366
- Review of helicopter icing protection systems  
[AIAA PAPER 83-2529] p 719 A83-48367
- Optimal controller design for a helicopter using its lower order dynamic model  
[AIAA PAPER 83-2550] p 750 A83-48371
- LHX - The US Army wants 5,000 - Industry needs the business  
p 729 A83-48642
- Transonic effects on helicopter rotor blades  
p 716 A83-49178
- The effect of damage in structural elements on the ground resonance of a helicopter  
p 731 A83-49446
- Developments in UK rotor blade technology  
[AIAA PAPER 83-2525] p 731 A83-49589
- Commonality potential of future public service helicopters and Army light utility helicopters  
[AIAA PAPER 83-2553] p 720 A83-49593
- Force-transmitting structures in blades for helicopter rotors, wind-tunnel blowers, and wind turbines  
[DGLR PAPER 82-013] p 764 A83-50138
- Parametric tip effects for conformable rotor applications  
p 732 A83-50140
- Design simplification and cost reduction of helicopter tail rotor drive system by use of composites  
[MBB-UD-348] p 31 N83-10037
- Design of a helicopter autopilot by means of linearizing transformations  
[NASA-TM-84295] p 52 N83-11140
- First results for the definition of a general rotorcraft dynamic program  
p 236 N83-17483
- An interactive system for transformation of known measures long internal surface of cylinders model for shafts  
[ISD-294] p 233 N83-17748
- Design of helicopter rotor blades for optimum dynamic characteristics  
[NASA-CR-169940] p 266 N83-18716
- Hand-held computer programs for preliminary helicopter design  
[AD-A125036] p 481 N83-27624
- Army helicopter improvement program's future may depend on success in controlling cost  
[PB83-168187] p 529 N83-29202
- Experimental investigation of a 10-percent-thick helicopter rotor airfoil section designed with a viscous transonic analysis code  
[NASA-TP-1864] p 582 N83-30389
- The analysis of load-time histories by means of counting methods - helicopter performance prediction  
[NLR-MP-82039-U] p 679 N83-32799
- Guide for conceptual helicopter design  
[AD-A128974] p 734 N83-36024
- HELICOPTER ENGINES**  
Engine technology for the next decade  
p 41 A83-12098
- A mathematical model for a turboshaft gas-turbine engine with an optimum control program for high-level computer aided design  
p 273 A83-23436
- Regenerative shaft engines for helicopters, multipurpose and feeder service aircraft  
[DGLR PAPER 82-087] p 276 A83-24189
- Recent developments in digital control for helicopter powerplants  
p 277 A83-24829
- FAA approved S-76A in-flight power assurance and trending procedure  
p 277 A83-24830
- Helicopter engine development New standards for the '80s  
p 278 A83-24837
- Full-flow debris monitoring and fine filtration for helicopter propulsion systems  
p 278 A83-24838
- Technical qualities for combat helicopter powerplants  
p 278 A83-24839
- Composite engine inlet particle separator swirl frame --- CAD for T700 helicopter engine centrifugal filter  
p 278 A83-24841
- The T700-GE-700 engine experience in sand environment  
p 278 A83-24842
- The super stallion --- CH 53E helicopter design features  
p 435 A83-36075
- Accelerated simulated mission endurance test of a turboshaft engine for military attack helicopter application  
[AIAA PAPER 83-1359] p 455 A83-36357
- The feasibility of water injection into the turbine coolant to permit gas turbine contingency power for helicopter application  
[ASME PAPER 83-GT-66] p 538 A83-39993
- Status report - DARPA/NASA convertible turbofan/turboshaft engine program  
[ASME PAPER 83-GT-196] p 743 A83-48000
- Rotorcraft convertible engines for the 1980s  
[NASA-TM-83008] p 201 N83-12091
- An evaluation of engine performance assessment procedures for the Lycoming T53 engine as installed in the Iroquois helicopter  
[ARL MECH ENG-NOTE-387] p 282 N83-18728
- NASA transmission research and its probable effects on helicopter transmission design  
[NASA-TM-83389] p 408 N83-24858
- Helicopter air inlets Design process, wind tunnel testing and correlations with flight data  
p 581 N83-30383
- Fuel conservation evaluation of U.S. (United States) Army helicopters Part 4 OH 58C flight testing  
[AD-A127422] p 637 N83-30673
- HELICOPTER PERFORMANCE**  
Multifunction CO2 NOE sensor A status report ---  
Nap-Of-the-Earth p 35 A83-11147
- Helicopter blade tips  
[AAAF PAPER NT 81-19] p 8 A83-11778
- Military potential of the ABC  
p 30 A83-12097
- Reliability and maintainability aspects of a 'fleet' of prototype helicopters  
p 2 A83-12654
- The UH-60A Black Hawk - A world-wide force multiplier  
p 30 A83-12934
- A note on the general scaling of helicopter blade-vortex interaction noise  
[ONERA, TP NO 1982-32] p 221 A83-13375
- Operation of a helicopter on sloping ground I  
p 182 A83-14618
- Operation of a helicopter on sloping ground II  
p 182 A83-14624
- Studies of aerofoils and blade tips for helicopters  
p 135 A83-17317
- XH-59A ABC aircraft flight tests at Ft Rucker, Alabama  
p 151 A83-18148
- A simulation model for the analysis of the dynamic behavior of a helicopter rotor under nonstationary limit flight conditions  
p 204 A83-23220
- Acoustic measurements of a full-scale coaxial helicopter  
[AIAA PAPER 83-0722] p 284 A83-25933
- Performance of a Strapdown Ring Laser Gyro Tetrad Inertial Navigation System in a helicopter flight environment  
p 322 A83-28781
- FAA helicopter NAVSTAR GPS flight testing  
p 323 A83-28788
- Helicopter flight testing, simulation and real-time analysis  
p 328 A83-29391
- Rotor vortex interaction noise  
[AIAA PAPER 83-0720] p 367 A83-29950
- Boeing Vertol - The leading edge of technology  
p 372 A83-33095
- The Ka-26 helicopter --- Russian book  
p 437 A83-36448
- Analytical and experimental investigation of a bearingless hub-absorber  
p 594 A83-41077
- The effects of engine and height-control characteristics on helicopter handling qualities  
p 619 A83-41078
- LHX system design for improved performance and affordability --- Light Helicopter  
p 595 A83-41080
- Optimal short range trajectories for helicopters  
[AIAA PAPER 83-2140] p 598 A83-41962
- The impact of missions on the preliminary design of an ABC rotor  
[SAWE PAPER 1501] p 603 A83-43760
- The tasks and organization of the flight testing of airplanes and helicopters --- Russian book  
p 674 A83-43901
- Helicopter noise  
[ONERA, TP NO 1983-80] p 769 A83-48195
- A mathematical model of a single main rotor helicopter for piloted simulation  
[NASA-TM-84281] p 48 N83-10051
- The effects of pilot stress factors on handling quality assessments during US/German helicopter agility flight tests  
p 205 N83-13114
- Coupled rotor/airframe vibration analysis  
[NASA-CR-3582] p 154 N83-14105
- Digital filtering of helicopter flight data  
[ARL/AERO-NOTE-406] p 154 N83-14106
- Methods used at Aérospatiale for calculating the loads on a rotor and experimental cross checks  
p 194 N83-17486
- A rotor technology assessment of the advancing blade concept  
[NASA-TM-84298] p 265 N83-18712
- Efficient algorithms for computing trim and small-disturbance equations of motion of aircraft coordinated and uncoordinated, steady, steep turns  
[NASA-TM-84324] p 343 N83-22205
- Helicopter technology benefits and needs Volume 1 Summary  
[NASA-CR 166469-VOL-1] p 368 N83-23240
- Helicopter technology benefits and needs Volume 2 Appendices  
[NASA-CR 166470-VOL-2] p 369 N83-23241
- Helicopter performance computer programs  
[AD-A124603] p 527 N83-27981
- Sea King helicopter flight trials  
[ARL AERO-NOTE-415] p 733 N83-36023
- HELICOPTER PROPELLER DRIVE**  
Developments in the design, analysis, and fabrication of advanced technology transmission elements  
p 298 A83-24832
- Report on advanced transmission system integration tests --- of Blackhawk helicopters  
p 298 A83-24833
- In-flight computation of helicopter transmission fatigue life expenditure  
p 439 A83-36921
- Design simplification and cost reduction of helicopter tail rotor drive system by use of composites  
[MBB-UD-348] p 31 N83-10037
- HELICOPTER TAIL ROTORS**  
Wind tunnel results showing rotor vibratory loads reduction using higher harmonic blade pitch  
p 169 A83-18385
- Fault Detection/Location System for intermediate and tail rotor gearboxes  
p 299 A83-24835
- A study of helicopter rotor noise, with special reference to tail rotors, using an acoustic wind tunnel  
p 367 A83-29403
- The fenestron on a helicopter  
[AAAF PAPER NT 82 18] p 388 A83-33169
- A jointless and bearingless tail rotor of fiber-reinforced-composite construction  
p 725 A83-47215
- Design simplification and cost reduction of helicopter tail rotor drive system by use of composites  
[MBB-UD-348] p 31 N83-10037
- Effects of aerodynamic interaction between main and tail rotors on helicopter hover performance and noise  
[NASA-CR 166477] p 376 N83-23275
- Experimental study of main rotor/tail rotor/airframe interactions in hover Volume 1 Text and figures  
[NASA-CR-166485] p 427 N83-26820
- HELICOPTER WAKES**  
Vortex theory for hovering rotors  
p 177 A83-13144
- Rotor hovering performance using the method of fast free wake analysis  
p 190 A83-22162
- Obscuration by helicopter-produced snow clouds  
p 197 A83-22357
- Navier-Stokes calculations for the vortex wake of a rotor in hover  
[AIAA PAPER 83-1676] p 492 A83-37184
- The use of actuator-disc dynamic inflow for helicopter flap-lag stability  
p 595 A83-41081
- Velocity coupling A new concept for hover and axial flow wake analysis and design  
p 193 N83-17478
- Studies on blade-to-blade and rotor-fuselage-tail interferences  
p 193 N83-17479
- Development of the vortex ring wake model and its influence on the prediction of rotor loads  
p 194 N83-17481
- An appraisal of rotor blade-tip vortex interaction and wake geometry from flight measurements  
p 194 N83-17488
- Preliminary rotor wake measurements with a laser velocimeter  
[NASA-TM-83246] p 301 N83-19018

# HELICOPTERS

# SUBJECT INDEX

- Technical evaluation report on the Fluid Dynamics Panel Specialists' Meeting on Prediction of Aerodynamic Loads on Rotorcraft  
[AGARD-AR-189] p 426 N83-25682
- HELICOPTERS**
- Reliability model for planetary gear trains  
[ASME PAPER 82-DET-81] p 65 A83-12777
- Helmet mounted display symbology for helicopter landing on small ships p 196 A83-16134
- Helicopter icing - Testing and certification p 152 A83-18381
- A concept for reducing helicopter IFR landing weather minimums - Onshore p 199 A83-21034
- Equivalent G/E of helicopter rotor blades --- shear modulus to Young's modulus ratio p 230 A83-22151
- Finite difference modeling of rotor flows including wake effects  
[ONERA, TP NO 1982-114] p 243 A83-24326
- Wind tunnel study of icing and de-icing on oscillating rotor blades  
[ONERA, TP NO 1982-116] p 247 A83-24327
- Flight testing with hot JP-4 fuel --- in helicopter suction fuel systems p 277 A83-24831
- Spectral decontamination of a real-time helicopter simulation  
[AIAA PAPER 83-1087] p 436 A83-36211
- Microprocessor controlled optimal helicopter turret control system p 516 A83-37148
- Offshore helicopter operations - Gulf of Mexico  
[SAE PAPER 821366] p 507 A83-37960
- Helicopter IFR - The economics of schedule regularity  
[SAE PAPER 821501] p 507 A83-38009
- The integration of multiple avionic sensors and technologies for future military helicopters p 514 A83-40301
- Assessment of rotor-fuselage coupling on vibration predictions using a simple finite element model p 640 A83-41075
- FAA rotorcraft icing regulations and directions p 688 A83-46927
- The emerging need for improved helicopter navigation p 671 A83-46930
- Technology transfer from the aircraft sector to other sectors as exemplified by helicopter technology p 709 A83-47190
- Investigation of advanced navigation and guidance system concepts for all-weather rotorcraft operations  
[NASA-CR-166274] p 26 N83-10029
- Flight experiments with integrated isometric side-arm controllers in a variable stability helicopter p 50 N83-10068
- Expenence with System Identification From Tracking (SIFT) flight test-techniques at the German Air Force Flight Test Center p 51 N83-10078
- Antitank missiles night fining from Aerospacepatiale helicopters  
[SNIAS-822-320-101] p 58 N83-10102
- Holographic interferometry technique for rotary wing aerodynamics and noise p 67 N83 10378
- [NASA-TM-84723] p 67 N83 10378
- Life and reliability models for helicopter transmissions  
[NASA TM-82976] p 67 N83-10425
- Army/NASA small turboshaft engine digital controls research program p 44 N83-11128
- [NASA-TM-82978] p 44 N83-11128
- Durability of commercial aircraft and helicopter composite structures p 61 N83 11243
- Laboratory studies of scales for measuring helicopter noise  
[NASA-CR-3610] p 74 N83-11839
- Rotor aerodynamics in ground effect at low advance ratios  
[AD-A118609] p 180 N83-12051
- Slack wire strike protection concepts  
[AD-A118827] p 184 N83-12056
- Instrument approach aids for helicopters  
[FAA-RD-82-6] p 187 N83-12061
- Application of the microwave landing system to helicopter operations p 187 N83-12068
- [FAA-RD-82-40] p 187 N83-12068
- Flight service evaluation of composite helicopter components  
[NASA-CR-165952] p 192 N83-12071
- Airworthiness and flight characteristics test Part 1 YAH-64 advanced attack helicopter p 193 N83-12075
- [AD-A118490] p 193 N83-12075
- Durability of aircraft composite materials p 211 N83-12164
- A note on the general scaling of helicopter blade-vortex interaction noise p 223 N83-12972
- [AD-A118761] p 223 N83-12972
- Minister reviews plans for raising efficiency of civil aviation p 176 N83-13062
- Tridimensional computation of the flow in helicopter air intakes  
[PB82-204512] p 194 N83-13093
- Helicopter vibration suppression using simple pendulum absorbers on the rotor blade p 204 N83-13109
- Should helicopter noise be measured differently from other aircraft noise? A review of the psychoacoustic literature  
[NASA-CR-3609] p 224 N83-13937
- Flight service evaluation of composite components on the Bell Helicopter model 206L Design, fabrication and testing p 177 N83-14169
- [NASA-CR-166002] p 177 N83-14169
- Improved airborne HF receive antenna An ILIR report  
[AD-A118861] p 182 N83-14369
- Feasibility of water injection into the turbine coolant to permit gas turbine contingency power for helicopter application  
[NASA-TM-83043] p 166 N83-15307
- An evaluation of vacuum centrifuged titanium castings for helicopter components p 178 N83-15439
- The calculation of separated flow at helicopter bodies  
[NASA-TM-76715] p 191 N83-16291
- A laboratory method for the analysis of helicopter underslung load oscillations  
[BU-273] p 192 N83-16303
- Desirable characteristics of underwater lights for helicopter escape hatches  
[AD-A120331] p 197 N83-16310
- Desirable characteristics of underwater lights for helicopter escape hatches  
[AD-A120510] p 198 N83-16312
- Survey of active and passive means to reduce rotorcraft vibrations  
[MBB-UD-350] p 206 N83-16335
- Helicopter fin effectiveness  
[BU-271] p 206 N83-16336
- Evaluation of helicopter pilot's attitude control using a simulated head-up display in a simulated helicopter cockpit  
[AD-A119570] p 219 N83-16355
- Prediction of Aerodynamic Loads on Rotorcraft --- helicopter and wind turbine rotors  
[AD-A124260] p 188 N83-17470
- Studies of aerofoils and blade tips for helicopters p 193 N83-17473
- Prediction and experimental verification of the velocity fields of a rotor during hovering p 193 N83-17477
- Rotor fuselage interference on engine internal aerodynamics in maneuvering high-speed rotorcraft p 193 N83-17480
- Simplified free wake analysis for rotors  
[FFA-TN-1982-07] p 195 N83-17518
- Transonic effects on helicopter rotor blades  
[MBB-349-81-O-E] p 195 N83-17520
- Studies on blade-to-blade and rotor-fuselage-tail interferences --- in helicopters  
[MBB 351-82-O-E] p 195 N83-17521
- The use of helicopters in Europe Analysis and prospects  
[MBB-UD-359-82-O] p 207 N83-17533
- Benefits assessment of active control technology and related cockpit technology for rotorcraft  
[NASA-CR-166406] p 217 N83-17553
- Helical automatic approaches of helicopters with microwave landing systems  
[NASA-TP-2109] p 260 N83-18704
- The vibration characteristics of a coupled helicopter rotor-fuselage by a finite element analysis  
[NASA-TP-2118] p 265 N83-18714
- Evaluation of the effect of vibration nonlinearity on convergence behavior of adaptive higher harmonic controllers  
[NASA-CR-166424] p 266 N83-18718
- Pursuit rotor tracking performance in conjunction with extended flight operations in a helicopter simulator  
[AD-A119237] p 293 N83-18772
- Recent improvements in crash restraint in UK helicopters p 250 N83-19443
- Evaluation of the efficiency of helicopter antirash seats using a horizontal acceleration bench and a simulated crash p 250 N83-19444
- Planning for rotorcraft and commuter air transportation  
[NASA-CR 166453] p 310 N83-19652
- Verification testing of a UH-1 Wire Strike Protection System (WSPS)  
[AD-A122220] p 250 N83-19725
- NASA helicopter transmission system technology program p 302 N83-20120
- An overview of advancements in helicopter transmission design p 302 N83-20124
- Design of an advanced 500-hp helicopter transmission p 303 N83-20125
- Measurements of the attenuation of an Army headset  
[BR84535] p 309 N83-20704
- Large rotorcraft transmission technology development program  
[NASA-CR-168120] p 332 N83-22188
- US Navy helicopters in combat search and rescue  
[AD-A122451] p 333 N83-22195
- Further advances in helicopter vibration control p 334 N83-22477
- Cable avoidance study  
[AD-A122917] p 380 N83-23284
- Loads and performance data from a wind-tunnel test of model articulated helicopter rotors with 2 different blade torsional stiffnesses  
[NASA-TM-84573] p 377 N83-24471
- Helicopter noise exposure curves for use in environmental impact assessment  
[AD-A123467] p 413 N83-25500
- SH-3 helicopter/Global Positioning System integration analysis  
[AD-A125005] p 432 N83-25691
- A preliminary assessment of helicopter/VSTOL handling qualities specifications p 461 N83-25716
- Ultrasonic weld bonding of helicopter primary structures  
[AD-A124645] p 477 N83-26081
- A survey of helicopter and ambient urban noise levels in Phoenix, Arizona  
[AD-A123856] p 479 N83-26322
- Sandia Helicopter Acoustic Detector (SHAD)  
[DE82-018925] p 483 N83-27803
- YAH-63 helicopter crashworthiness simulation and analysis  
[AD-A125642] p 510 N83-27970
- Optimal passive frequency response control of helicopters by added structures p 526 N83-27976
- Fuel conservation evaluation of US Army helicopters Part 3 UH-1H flight testing  
[AD-A125667] p 527 N83-27985
- Calculation of the longitudinal stability derivatives and modes of motion for helicopter aircraft  
[AD-A125593] p 546 N83-28000
- Acoustic measurements of a full-scale coaxial hingeless rotor helicopter  
[NASA-TM-84349] p 571 N83-28986
- Validation flight test of UH-60A for Rotorcraft Systems Integration Simulator (RSIS)  
[AD-A125428] p 529 N83-29201
- Army helicopter improvement program's future may depend on success in controlling cost  
[PB83-168187] p 529 N83-29202
- CAD of control systems Application of nonlinear programming to a linear quadratic formulation  
[NASA-CR-172151] p 562 N83-29448
- Economic effects of noise abatement regulations on the helicopter industry  
[AD-A127331] p 576 N83-30356
- Vibration analysis of a helicopter plus an externally-attached structure p 607 N83-30769
- A mm-wave collision warning device for helicopters p 645 N83-30895
- Eighth International Aerospace and Ground Conference on Lightning and Static Electricity: Lightning Technology Roundup  
[FAA-CT-83-25] p 649 N83-31163
- Electrostatic voltage sensors for helicopter dischargers p 612 N83-31188
- Detection and ranging of electric charged helicopters p 607 N83-31189
- Electrostatic theory applied to helicopter discharging p 587 N83-31210
- Advanced testing of lightning protection schemes for composite main rotor blades (helicopter) p 587 N83-31211
- Lightning interaction with USAF aircraft p 587 N83-31214
- Protecting the world's largest commercial helicopter from atmospheric hazards p 588 N83-31242
- Computer program analysis of helicopter weight estimate relationships utilizing parametric equations  
[AD-A128590] p 608 N83-31600
- Interior noise and vibration measurements on operational military helicopters and comparisons with various ride quality criteria  
[NASA-TM-84664] p 653 N83-32518
- Historical inflation program A computer program generating historical inflation indices for Army aircraft, revision  
[AD-A127674] p 654 N83-32677
- Interactive spline modelling  
[AD-A128841] p 680 N83-33881
- Safe-life and damage-tolerant design approaches for helicopter structures p 693 N83-33961
- A holographic interferometry technique for measuring transonic flow near a rotor blade  
[NASA-TM-84405] p 702 N83-34278

## SUBJECT INDEX

Survey of characteristics of near mid-air collisions involving helicopters  
[FAA-CT-83-40] p 720 N83-34920

Historical research and development inflation indices for army fixed and rotor winged aircraft  
[AD-A129317] p 713 N83-35983

Free wake aerodynamic analysis of helicopter rotors  
[AD-A129710] p 718 N83-36007

Model HH-53 helicopter, durability and damage tolerance assessment report submittal  
[AD-A129255] p 734 N83-36027

A piloted simulator investigation of side-stick controller/stability and control augmentation system requirements for helicopter visual flight tasks  
[NASA-CR-172852] p 754 N83-36041

Helicopter noise survey at selected New York City heliports  
[AD-A129167] p 770 N83-36849

**HELIPORTS**

All weather heliports and airway system - The future need  
p 483 N83-36073

Helicopter noise  
p 310 N83-20835

**HELIUM**

Measurement of helium gas transmission through aerostat material  
[AIAA PAPER 83-1986] p 551 N83-38913

Helium plants and storage, design manual 24  
[AD-A119517] p 175 N83-14142

**HELMET MOUNTED DISPLAYS**

Helmet mounted display symbology for helicopter landing on small ships  
p 196 N83-16134

Visually-coupled systems as simulation devices  
[AIAA PAPER 83-1083] p 484 N83-36224

Helmet mounted display feasibility model Optical design  
[AD-A119191] p 159 N83-14124

Modern display technologies and applications  
[AGARD-AR-169] p 310 N83-20758

Modeling the helmet-mounted sight system  
[AD-A124681] p 444 N83-25709

Manufacturing Methods and Technology (MM&T) specifications for miniature cathode ray tube  
[AD-A127160] p 645 N83-30921

Helmet mounted feasibility model  
[AD-A128150] p 736 N83-34940

**HERMETIC SEALS**

Plating on glass for hermetic seal  
[SAE PAPER 820613] p 696 N83-45871

**HEURISTIC METHODS**

The taxiway repair schedule problem A heuristic rule and a branch-and-bound solution  
[AD-A122497] p 346 N83-20955

**HEWLETT-PACKARD COMPUTERS**

Automatic control and data acquisition system for combustion laboratory applications  
[AD-A125195] p 470 N83-25829

**HIGH ACCELERATION**

Instrumentation requirements for assessing occupant response to three dimensional high acceleration environments  
p 302 N83-19434

**HIGH ALTITUDE**

Design and analysis of a subcritical airfoil for high altitude, long endurance missions  
[AD-A124757] p 441 N83-25702

High altitude jet fuel photochemistry  
[AD-A125035] p 471 N83-27035

**HIGH ALTITUDE BALLOONS**

New thermal and trajectory model for high-altitude balloons  
p 386 N83-32579

The radiation controlled balloon (RACON)  
p 524 N83-39803

Instantaneous, predictable balloon system descent from high altitude  
p 524 N83-39808

**HIGH ALTITUDE ENVIRONMENTS**

A dynamic model of turbojet in starting at high altitude  
p 447 N83-35846

**HIGH ALTITUDE PRESSURE**

Effect of oxygen addition on ignition of aero-gas turbine at simulated altitude facility  
p 39 N83-10660

**HIGH ALTITUDE TESTS**

Ground simulation of engine operation at altitude  
p 463 N83-35863

**HIGH ASPECT RATIO**

Calculation of a turbulent boundary layer of an incompressible fluid over swept wings of large aspect ratios  
p 495 N83-37803

The NASA supercritical-wing technology  
[NASA-TM-78731] p 11 N83-11071

Wind-tunnel investigation of aerodynamic loading on a 0.237-scale model of a remotely piloted research vehicle with a thick, high-aspect-ratio supercritical wing  
[NASA-TM-84614] p 506 N83-29178

**HIGH FREQUENCIES**

Investigation of the RF properties of carbon fiber composite materials  
[ERA-81-109] p 552 N83-28084

Further measurements of the screening effectiveness of carbon fiber composite materials --- for helicopter panels  
p 552 N83-28088

**HIGH GAIN**

Decoupling of high gain multivariable tracking systems  
[AIAA PAPER 83-0280] p 140 N83-16625

High-gain error actuated flight control systems for continuous linear multivariable plants  
[AD-A124871] p 462 N83-26848

**HIGH LEVEL LANGUAGES**

Operational flight program development with a higher order language  
p 363 N83-22125

Higher-order computational methods for transonic wing/body flowfields  
[AD-A124079] p 426 N83-25679

**HIGH PRESSURE**

Open seat ejection at high dynamic pressure - A radical approach  
p 190 N83-15308

Self resonating pulsed water jets for aircraft coating removal Feasibility study  
[AD-A119114] p 218 N83-13292

**HIGH PRESSURE OXYGEN**

Definition of forces on turbomachinery rotors Task B report Dynamic analysis of rotors  
[NASA-CR-170763] p 395 N83-24507

Testing of the Mannesmann Demag oxygen compressor  
[DE83-006801] p 646 N83-31028

**HIGH REYNOLDS NUMBER**

Cryogenic wind tunnels for high Reynolds number testing  
p 398 N83-32175

A new facility and technique for two-dimensional aerodynamic testing  
p 398 N83-32585

Cryogenic-wind-tunnel technology - A way to measurement at higher Reynolds numbers  
p 689 N83-46484

A survey of the three-dimensional high Reynolds number transonic wind tunnel  
[NASA-TM-76931] p 400 N83-23324

**HIGH SPEED**

Farfield inflight measurements of high-speed turboprop noise  
[AIAA PAPER 83-0745] p 280 N83-25947

Measurements and predictions of turboprop noise at high cruise speed  
[AIAA PAPER 83-0689] p 365 N83-28008

Tapered roller bearings for turbine engines  
p 641 N83-42559

Effect of wing-mounted nacelles on a 42 deg swept supercritical wing configuration at near-sonic speeds  
[NASA-TM-X-2954] p 4 N83-11025

Instabilities of geared couplings Theory and practice  
p 187 N83-15634

Bearing fatigue investigation 3  
[NASA-CR-168029] p 233 N83-17880

Large-bore tapered-roller bearing performance and endurance to 2.4 million DN  
p 303 N83-20134

Farfield inflight measurement of high-speed turboprop noise  
[NASA-TM-83327] p 367 N83-21895

The ARL transonic wind tunnel  
[ARL/AERO-NOTE-412] p 401 N83-23327

Injection, atomization, ignition and combustion of liquid fuels in high-speed air streams  
[AD-A125237] p 471 N83-27033

Design of a high-speed digital processing element for parallel simulation  
[NASA-TM-83373] p 563 N83-29597

**HIGH STRENGTH**

Development of high strength silicon carbide materials for gas turbine applications, phase 2  
[BMFT FB-T-82-140] p 164 N83-14133

Development of powder metallurgy Al alloys for high temperature aircraft structural applications, phase 2  
[NASA-CR-165965] p 296 N83-18894

**HIGH STRENGTH ALLOYS**

Ultrasonic tomography for nondestructive evaluation  
p 63 N83-11505

The construction and testing of pilot installations for making diffusion connections and for depositing layers on high-alloy engine components  
p 760 N83-47206

The effect of sheet thickness and laminating on the fatigue resistance of the aluminum alloy AL 7010 - T 73651  
[NLR-TR-81056-U] p 403 N83-23421

**HIGH TEMPERATURE**

Turbine engine materials durability research  
p 202 N83-12163

Application of strain gauges and thermocouples to rotating and stationary hardware  
p 215 N83-12266

Behavior of aircraft engine oils at high temperature  
p 185 N83-15529

High-temperature (849 deg C/1200 deg F) coatings for gas-lubricated foil bearings of the Navy's advanced auxiliary power unit concepts  
p 185 N83-15538

## HISTORIES

High Temperature Turbine Technology Program Phase 2. Technology test and support studies  
[DE83-008933] p 699 N83-33173

Mid and high temperature rotor program for a 30 kW gas turbine generator set  
[AD-A129780] p 749 N83-36033

**HIGH TEMPERATURE ENVIRONMENTS**

Military propulsion technology III - Materials are the key --- for fighter aircraft engines  
p 177 N83-18950

Report on advanced transmission system integration tests --- of Blackhawk helicopters  
p 288 N83-24833

High temperature erosion study of INCO 600 metal  
p 468 N83-35247

Experiences in repair of hot section gas turbine components  
[SAE PAPER 821490] p 535 N83-38008

A method for ensuring the proper operation of an optical instrument for measuring the temperature of the blades of a high-temperature turbine  
p 609 N83-42152

Bearing fatigue investigation 3  
[NASA-CR-168029] p 233 N83-17880

**HIGH TEMPERATURE GASES**

Gas turbine engines  
p 532 N83-37274

Thermodynamic efficiency of air injection into the radial clearance of the turbine of a turbojet engine  
p 614 N83-42139

Erosion-corrosion of coatings and superalloys in high velocity hot gases  
p 757 N83-48481

**HIGH TEMPERATURE LUBRICANTS**

Wear and friction of high-temperature self-lubricating composites  
[ASLE PREPRINT 82-LC-2B-2] p 212 N83-13234

Analysis of a MIL-L-27502 lubricant from a gas-turbine engine test by size-exclusion chromatography  
[NASA-TP-2063] p 226 N83-16528

**HIGH TEMPERATURE RESEARCH**

A small engine high temperature core research programme  
[ASME PAPER 83-GT-56] p 738 N83-47912

**HIGH TEMPERATURE TESTS**

Metallurgical instabilities during the high temperature low cycle fatigue of nickel-base superalloys  
p 224 N83-22019

Strain measurement of acoustically excited aircraft structures at elevated temperatures  
p 297 N83-23366

Effects of extreme aircraft storage and flight environments on graphite/epoxy  
p 403 N83-33122

High temperature/pressure testing of heat resistant runway materials  
[AIAA PAPER 83-2492] p 753 N83-48349

Analysis, design, fabrication and testing of an optical tip clearance sensor --- turbocompressor blade tips  
[NASA-CR-165265] p 44 N83-11127

**HIGH THRUST**

An analysis of the parameters determining the maximum thrust of ramjet engines  
p 613 N83-42127

Tapered roller bearings for turbine engines  
p 641 N83-42559

**HIGH VOLTAGES**

High voltage testing Volume 2 Specifications and procedures  
[AD-A122355] p 360 N83-22517

High voltage design guide Volume 4 Aircraft  
[AD-A129530] p 766 N83-36372

**HIGHLY MANEUVERABLE AIRCRAFT**

HiMAT onboard flight computer system architecture and qualification  
p 529 N83-37061

The application and results of a new flight test technique  
[AIAA PAPER 83-2137] p 598 N83-41959

Simulations used in the development and flight test of the HiMAT vehicle  
[AIAA PAPER 83-2505] p 727 N83-48355

**HIGHWAYS**

Pavement roughness and skid properties  
[PB82-212309] p 66 N83-10295

Airport and highway noise control, planning and analysis  
[PB83-153692] p 560 N83-28290

**HISTORIES**

Recent progress in V/STOL technology  
p 3 N83-12852

The history of V/STOL aircraft. II  
p 372 N83-33097

The history of V/STOL aircraft  
p 435 N83-36074

Some lessons from NACA/NASA aerodynamic studies following World War II  
[AIAA PAPER 83-1856] p 489 N83-36863

The reaction motors division - Thiokol Chemical Corporation --- management history of aerospace rocket engine products  
[IAF PAPER 83-289] p 755 N83-47330

Chinese aviation in the eyes of American experts  
[AD-A118961] p 128 N83-14063

Historical review of propeller developments  
p 242 N83-18652

## HODOGRAPHS

### HODOGRAPHS

- Blade design with a finite element method  
p 283 N83-19040

### HOLE DISTRIBUTION (MECHANICS)

- NDE of fastener hole cracks by the electric current perturbation method p 214 A83-15192  
Constrained optimization of monopulse circular aperture distribution in the presence of blockage p 259 A83-26835  
Seven-hole cone probes for high angle flow measurement Theory and calibration p 474 A83-36085

### HOLE GEOMETRY (MECHANICS)

- An enhancement for the ultrasonic test bed to inspect engine disk bolt holes p 214 A83-15160  
On the effect of residual stresses on crack growth from a hole [AIAA 83-0840] p 355 A83-29747  
Design of algorithms to extract data from capacitance sensors to measure fastener hole profiles p 639 A83-41026  
Detection of cracks under installed fasteners in aircraft structures p 697 A83-48769  
Special finite elements for sheets with loaded circular holes [ARL/STRUC-REPT-392] p 360 N83-22625  
Damage tolerance evaluation of structures with small cracks p 701 N83-34101

### HOLES

- Green's function solution and applications for cracks emanating from a circular hole in an infinite sheet p 764 A83-49599  
Lifetime prediction methods for corner cracks at holes --- in airframe components p 700 N83-33233  
[NLR-MP-82042-U]

### HOLOGRAMMETRY

- Some laser measurement techniques used in aero engine research p 68 N83-11486  
[PNR-90118]

### HOLOGRAPHIC INTERFEROMETRY

- Optical methods of flow diagnostics in turbomachinery p 62 A83-11076  
Applications of flow visualization techniques in aerodynamics [ONERA, TP NO 1982-68] p 213 A83-14528  
Laser holographic interferometry for an unsteady airfoil in dynamic stall [AIAA PAPER 83-0388] p 179 A83-16688  
Three dimensional holographic flow visualization p 299 A83-26420  
Application of laser holographic interferometry to vibration analysis of aircraft beam structure model p 300 A83-26765  
Pulsed holographic nondestructive testing on aircraft p 695 A83-44828  
Blade vibration measurements on centrifugal compressors by means of telemetry and holographic interferometry [ASME PAPER 83-GT-131] p 740 A83-47959  
Feasibility study of three-dimensional holographic interferometry for aerodynamics [NASA-CR-166483] p 483 N83-27845  
A holographic interferometry technique for measuring transonic flow near a rotor blade [NASA-TM-84405] p 702 N83-34278

### HOLOGRAPHY

- Holographic HUDs de-mystified p 35 A83-11171  
The application of diffraction optics to the LANTIRN head-up display p 196 A83-16131  
Flow visualization in a cryogenic wind tunnel using holography [NASA-TM-84556] p 217 N83-12395

### HOMING DEVICES

- Solid state, 95 GHz tracking radar system p 24 A83-11918  
Algorithm development for infra-red air-to-air guidance systems - How to separate the wheat from the chaff A simple approach to target detection p 321 A83-28178  
Estimation enhancement by trajectory modulation for homing missiles p 511 A83-37135  
New target models for homing missile guidance [AIAA PAPER 83-2166] p 590 A83-41662  
Design of an integrated strapdown guidance and control system for a tactical missile [AIAA PAPER 83-2169] p 591 A83-41665  
Missile guidance electromagnetic sensors p 723 A83-48769  
Semi-active radar guidance p 723 A83-48771

### HOMOGENEOUS TURBULENCE

- Dynamic response of aircraft with fluctuating flow fields p 341 N83-20897

### HONEYCOMB CORES

- Electrical discharge machining of aluminum honeycomb core p 229 A83-20500

### HONEYCOMB STRUCTURES

- Metal honeycomb to porous wireform substrate diffusion bond evaluation p 559 A83-39620  
Bonded aluminum honeycomb - Aircraft flight surface primary structure application p 675 A83-43972  
The manufacture of interior decoration wall plates for the Yier-86 aircraft [AD-A118962] p 155 N83-14112  
Fabrication and evaluation of brazed titanium-clad borisc/aluminum skin-stringer panels [NASA-TP-1674] p 552 N83-28098  
Radiant heating tests of several liquid metal heat-pipe sandwich panels [NASA-TM-85669] p 702 N83-34226

### HOOKS

- Development of curves for estimating aircraft arresting hook loads [AD-A119551] p 156 N83-14119

### HORIZON

- Theory underlying the peripheral vision horizon device [AD-A124426] p 445 N83-25710

### HORIZONTAL FLIGHT

- Maximum endurance and maximum penetration trajectories for horizontal gliding flight [AIAA PAPER 83-0283] p 150 A83-16628  
Evaluation of Iroquois UH-1B stability and control [AD-A122302] p 289 N83-19760  
The influence of helicopter operating conditions on rotor noise characteristics and measurement repeatability [AD-A121426] p 310 N83-20707  
Helicopter rotor loads using discretized matched asymptotic expansions [NASA-CR-166092] p 423 N83-25658  
Helicopter rotor loads using matched asymptotic expansions User's manual [NASA-CR-166093] p 423 N83-25659  
Fuel conservation evaluation of U.S. (United States) Army helicopters Part 4 OH-58C flight testing [AD-A127422] p 637 N83-30673

### HORIZONTAL ORIENTATION

- Simplified aeroelastic modeling of horizontal axis wind turbines [NASA-CR-168109] p 361 N83-21509  
Some experiments on Yaw stability of wind turbines with various coning angles [NASA-CR-168108] p 362 N83-22740  
Development of methodology for horizontal axis wind turbine dynamic analysis [NASA-CR-168110] p 362 N83-22747

### HORIZONTAL TAIL SURFACES

- Thrust reversing effects on horizontal tail effectiveness of twin-engine fighter aircraft [AIAA PAPER 83-0086] p 149 A83-16512  
The effect of backlash and trailing-edge strips on the flutter speed of a two-dimensional model of a tailplane with tab p 151 A83-18068  
Strength tests of CFRP joint assembly models for tailplane structure p 559 A83-40159  
Aerodynamics propulsion and longitudinal control requirements for a tilt-nacelle V/STOL with control vanes submerged in the nacelle slipstream [AIAA PAPER 83-2513] p 728 A83-48357  
Flutter clearance of the horizontal tail of the Bellanca Skyrocket II airplane [NASA-TM-84528] p 31 N83-10035  
Rotary balance data for a typical single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg 2 Influence of horizontal tail location for Model D [NASA-CR-3247] p 180 N83-13070  
Average downwash at the tailplane at low angles of attack and subsonic speeds, Amendment A [ESDU-80020-AMEND-A] p 663 N83-32747

### HOT CORROSION

- High temperature stability of pack aluminide coatings on IN38LC p 230 A83-21459  
The interaction of high temperature corrosion and mechanical properties of alloys p 224 A83-21470  
Erosion-corrosion of coatings and superalloys in high velocity hot gases p 757 A83-49481  
Alloy design for hot corrosion resistance p 757 A83-49482  
A fundamental basis for using the platinum group elements as alloying additions in nickel-base alloys to improve high temperature corrosion p 757 A83-49501  
Hot corrosion in gas turbines [AD-A127425] p 617 N83-30433

### HOT PRESSING

- Manufacturing processes for aeronautical structures p 227 N83-17620  
The effects of small deformation on creep and stress rupture of ODS superalloys p 553 N83-28212  
[AD-A125640]  
Additionally compressed titanium fine cast components p 692 N83-32713

### HOT SURFACES

- Behavior of aircraft engine oils at high temperature p 185 N83-15529  
Sputtered ceramic coatings and sealing layers [DE82-005225] p 226 N83-16531

### HOT-WIRE ANEMOMETERS

- X-wire sounding in an air inlet at high angle of attack [AAAF PAPER NT 81-15] p 8 A83-11775

### HOT-WIRE FLOWMETERS

- Instantaneous turbulence profiles in the wake of an oscillating airfoil p 312 A83-28951  
Hot wire thermal tuft development for measurement of flow reversal near a compressor blade p 216 N83-12274

### HOVERING

- Vortex theory for hovering rotors p 177 A83-13144  
Dynamic analysis of constant-lift and free-tip rotors p 181 A83-18386  
Prediction of the aerodynamic loads on helicopter blades in hovering and axial flight using lifting line theory p 189 A83-21016  
The aeroelastic behavior of curved helicopter blades in hovering and axial flight p 203 A83-21017  
Rotor hovering performance using the method of fast free wake analysis p 190 A83-22162  
A closed-form analysis of rotor blade flap-lag stability in hover and low-speed forward flight in turbulent flow [AIAA 83-0986] p 330 A83-29864  
Navier-Stokes calculations for the vortex wake of a rotor in hover [AIAA PAPER 83-1676] p 492 A83-37184  
Hover and transition flight performance of a twin tilt-nacelle V/STOL configuration [AIAA PAPER 83-1824] p 520 A83-38656  
Assessment of rotor-fuselage coupling on vibration predictions using a simple finite element model p 640 A83-41075

- The use of actuator-disc dynamic inflow for helicopter flap-lag stability p 595 A83-41081  
Hovering limit cycles - A man-in-the-loop approach [AIAA PAPER 83-2232] p 621 A83-41710  
Status of the development of handling criteria for VSTOL transition [AIAA PAPER 83-2103] p 624 A83-41932  
Prediction and experimental verification of the velocity fields of a rotor during hovering p 193 N83-17477  
Velocity coupling A new concept for hover and axial flow wake analysis and design p 193 N83-17478  
The vibration characteristics of a coupled helicopter rotor-fuselage by a finite element analysis [NASA-TP-2118] p 265 N83-18714  
X-wing noise data acquisition program [NASA-CR-166454] p 266 N83-18717  
Effects of aerodynamic interaction between main and tail rotors on helicopter hover performance and noise [NASA-CR-166477] p 376 N83-23275  
Helicopter noise exposure curves for use in environmental impact assessment [AD-A123467] p 413 N83-25500  
Experimental study of main rotor/tail rotor/airframe interactions in hover Volume 1 Text and figures [NASA-CR-166485] p 427 N83-26820

### HOVERING STABILITY

- Rotor blade flap-lag stability in turbulent flows p 151 A83-18380  
Dynamic stability of a buoyant quad-rotor aircraft p 216 A83-22160  
Measured inplane stability characteristics in hover for an advanced bearingless rotor [AIAA 83-0987] p 330 A83-29865  
Aeroelastic stability of an elastic circulation control rotor blade in hover [AIAA PAPER 83-0985] p 387 A83-32785  
Aeromechanical stability of a hingeless rotor in hover and forward flight - Analysis and wind tunnel tests p 732 A83-50141

### HUBS

- Effects of compressor hub treatment on stator stall margin and performance [AIAA PAPER 83-1352] p 475 A83-36354  
Blade design for reduced helicopter vibration p 594 A83-41076  
Analytical and experimental investigation of a bearingless hub-absorber p 594 A83-41077  
Rotor dynamic simulation and system identification methods for application to vacuum whirl data [NASA-CR-159356] p 32 N83-11117  
Comparison of rotor analysis results with aerodynamic windtunnel data p 194 N83-17487  
Development of monofilar rotor hub vibration absorber [NASA-CR-166088] p 549 N83-29272

### HULLS (STRUCTURES)

- Aerodynamic estimation techniques for aerostats and airships p 136 A83-18404

## SUBJECT INDEX

### HUMAN CENTRIFUGES

'A total G-force environment dynamic flight simulator' -  
A new dimension in flight simulation  
[AIAA PAPER 83-0139] p 171 A83-16548

### HUMAN FACTORS ENGINEERING

F-16 voice message system study p 19 A83-11121  
Integrated perceptual information for designers  
p 63 A83-11136  
Preliminary generalized thoughts concerning ejection  
flail phenomena p 182 A83-15404  
Human factors dilemmas in the quest for aviation  
safety p 183 A83-15423  
Advanced Aircrew Display Symposium, 5th, Patuxent  
River, MD, September 15, 16, 1981, Proceedings  
p 196 A83-16126  
Human engineering in aircraft and system design  
p 181 A83-16127  
Characteristics of flight simulator visual systems  
p 207 A83-16331  
Pilot task profiles, human factors, and image realism  
p 219 A83-22836  
Human factors in the application of large screen  
electronic displays to transport flight station design  
p 269 A83-26312  
Potential uses of two types of stereographic display  
systems in the airborne fire control environment  
p 270 A83-26314  
Bring cohesion to handling-qualities engineering  
p 434 A83-35772  
The man-vehicle systems research facility - A new NASA  
aeronautical R & D facility  
[AIAA PAPER 83-1098] p 463 A83-36218  
Space technology - The art and science of  
ergonomics p 681 A83-45605  
Flight testing operations procedure  
[AD-A116984] p 26 A83-10030  
Operational criteria for the handling qualities of combat  
helicopters p 50 A83-10067  
Aeronautics research and technology program and  
specific objectives  
[NASA-TM-85163] p 176 A83-13059  
Preliminary development of the XV (Ex-Vee) aircrew  
restraint p 139 A83-14079  
Computer based maintenance aids system Preliminary  
development and evaluation of a prototype  
[AD-A120627] p 187 A83-16281  
Applications of simulator freeze to carrier glideslope  
tracking instruction  
[AD-A118862] p 220 A83-16356  
Human Factors Aspects of Aircraft Accidents  
[AD124287] p 188 A83-17490  
An overview of human factors in aircraft accidents and  
investigative techniques p 198 A83-17491  
The influence of handling qualities, crashworthiness and  
other engineering factors on aircraft safety  
p 198 A83-17493  
Evaluation of the efficiency of helicopter anticrash seats  
using a horizontal acceleration bench and a simulated  
crash p 250 A83-19444  
Application of video multiplexing to design of cockpit  
display systems  
[AD-A122127] p 271 A83-19752  
Impact of ergonomic studies on the design of civil aircraft  
cockpits p 267 A83-20184  
Three-Dimensional Displays Perceptual Research and  
Applications to Military Systems  
[AD-A122577] p 309 A83-20692  
Critical research issues on cockpit applications of 3-D  
displays p 272 A83-20697  
Issues in the evaluation of 3-D display applications  
p 309 A83-20699  
Applicability of 3D display research to operational  
needs p 272 A83-20702  
Human factors in air safety p 320 A83-23234  
Ejection seat testing for females  
[AD-A122870] p 381 A83-23285  
Visual judgments of optical distortions in aircraft  
windscreens  
[AD-A124307] p 390 A83-24503  
Foreign Technology Alert - Bibliography Transportation  
safety  
[PB83-101659] p 430 A83-25686  
Pilot human factors in stall/spin accidents of supersonic  
fighter aircraft  
[NASA-TM-84348] p 462 A83-26846  
Unmanned vehicle systems experiences at the Dryden  
Flight Research Facility - remotely piloted vehicles  
[NASA-TM-84913] p 526 A83-27978  
Man vehicle systems research facility Design and  
operating characteristics  
[NASA TM-84372] p 548 A83-28006  
Recommended colours for use on airborne displays  
[RAE-TR-82110] p 610 A83-30411  
Human factors aspects of displays  
p 610 A83-30415

Cockpit environment p 610 A83-30416  
A portable physiological data recorder using magnetic  
bubble memory  
[AD-A127304] p 646 A83-30997  
Computer Aided System for Developing Aircrew Training  
(CASDAT)  
[AD-A128530] p 633 A83-31615  
The NASA Aviation Safety Reporting System  
[NASA-TM-84339] p 721 A83-34923  
Helmet mounted feasibility model  
[AD-A128150] p 736 A83-34940  
**HUMAN REACTIONS**  
Time-of-day corrections in measures of aircraft noise  
exposure p 411 A83-33024  
A pilot study of human response to general aviation  
aircraft noise  
[NASA-CR-166053] p 238 A83-18404  
**HUMAN TOLERANCES**  
Impact protection in air transport passenger seat  
design  
[SAE PAPER 821391] p 507 A83-37967  
Should helicopter noise be measured differently from  
other aircraft noise? A review of the psychoacoustic  
literature  
[NASA-CR-3609] p 224 A83-13937  
A study of noise metric and tone correction accuracy  
[NASA-CR-165910] p 304 A83-20445  
Interior noise and vibration measurements on  
operational military helicopters and comparisons with  
various noise quality criteria  
[NASA-TM-84664] p 653 A83-32518  
**HUMIDITY**  
Effect of humidity on jet engine axial-flow compressor  
performance p 448 A83-35856  
Investigation of some effects of humidity on aerodynamic  
characteristics on a 10-percent-thick NASA supercritical  
airfoil  
[NASA-TM-X-3355] p 4 A83-11018  
Investigation at near-sonic speed of some effects of  
humidity on the longitudinal aerodynamic characteristics  
of an NASA supercritical wing research airplane model  
[NASA TM-X-2618] p 5 A83-11029  
**HURRICANES**  
Description and operating procedures for the NOAA  
(National Oceanic and Atmospheric Administration) C-130  
AWRD (Airborne Weather Reconnaissance System)  
system  
[PB83-197053] p 768 A83-36615  
**HYBRID COMPUTERS**  
Error sources in hybrid computer based flight  
simulation  
[AIAA PAPER 83-1090] p 436 A83-36214  
**HYBRID NAVIGATION SYSTEMS**  
The Integrated Inertial Navigation System  
AN/ASN-132 p 321 A83-28596  
**HYDRAULIC CONTROL**  
Electrohydraulic fuel-flow regulator for  
gas turbine-engine control systems p 458 A83-36793  
Recovery system for the Lockheed Aquila R P V  
p 630 A83-43724  
**HYDRAULIC EQUIPMENT**  
Multivariable approach to the problem of structural cross  
coupling of force feedback electrohydraulic actuators ---  
for structural testing of aircraft and their components  
p 287 A83-26601  
Calculation of the flow rate characteristic of a  
jet-throttling hydraulic distributor with allowance for the  
ejection properties of a tube-plate system  
p 598 A83-42128  
Computer control and activation of  
six-degree-of-freedom simulator  
[AD-A126126] p 549 A83-28010  
**HYDRAULIC JETS**  
Hydraulics of a channel with a linear jet array --- heat  
transfer coefficient enhancement by transpiration cooling  
p 298 A83-24049  
Self resonating pulsed water jets for aircraft coating  
removal Feasibility study  
[AD-A119114] p 218 A83-13292  
Evaluation of three state-of-the-art water-jet systems for  
cutting/removing concrete  
[AD-A123579] p 407 A83-24732  
**HYDRAULIC TEST TUNNELS**  
The water tunnel - A helpful simulation facility for the  
aircraft industry p 55 A83-11080  
Flow visualization techniques for the study of high  
incidence aerodynamics p 245 A83-18686  
**HYDRAULICS**  
Certain effects and paradoxes in aerodynamics and  
hydraulics --- Russian book p 229 A83-20379  
**HYDROCARBON COMBUSTION**  
Sooting tendency of fuels containing polycyclic  
aromatics in a research combustor p 225 A83-23138  
The effect of hydrocarbon structure upon fuel sooting  
tendency in a turbulent spray diffusion flame  
[ASME PAPER 83-GT-90] p 755 A83-47937

## HYPERSONIC AIRCRAFT

### HYDROCARBON FUEL PRODUCTION

Use of pyrolysis-derived fuel in a gas turbine engine  
[ASME PAPER 83-GT-96] p 755 A83-47942

### HYDROCARBON FUELS

The effect of additive compositions on the oxidation  
stability of T-6 fuel p 58 A83-10458  
Fuel property effects on Air Force gas turbine engines  
- Program genesis p 59 A83-10653  
A carbon-13 and proton nuclear magnetic resonance  
study of some experimental reference  
broadened-specification /ERBS/ turbine fuels  
p 59 A83-11482  
The effect of fuel atomization on soot-free combustion  
in a prevaporizing combustor p 446 A83-35812  
Recent trends in aviation turbine fuel properties  
[NASA-TP-2056] p 61 A83-11340

### HYDROCARBONS

Analytical techniques for aromatic components in aircraft  
fuels  
[AD-A118838] p 211 A83-12252  
Environmental quality research Fate of toxic jet fuel  
components in aquatic systems  
[AD-A122548] p 351 A83-21168  
Thermodynamics of organic compounds  
[AD-A125022] p 483 A83-27895

### HYDRODYNAMIC EQUATIONS

Certain aspects of the optimum design of hydrodynamic  
lifting complexes p 375 A83-33002

### HYDRODYNAMICS

A study of the characteristics of short hydrodynamic  
dampers of aircraft engine motors with allowance for  
turbulization of the working fluid in the damper clearance  
p 613 A83-42129  
Combustion Fundamentals Research  
[NASA-CP-2268] p 537 A83-29208  
Numerical simulation for droplet combustion using  
Lagrangian hydrodynamics p 537 A83-29210  
**HYDROFOIL OSCILLATIONS**  
Experimental research on cavitation erosion for an  
oscillating wing profile --- German thesis  
p 556 A83-37497

### HYDROGEN

Assessment of crash fire hazard of LH sub 2 fueled  
aircraft  
[NASA-CR-165525] p 16 A83-11095

### HYDROGEN ENGINES

The ideas of F A Tsander and an assessment of the  
application of jet engines for the acceleration of aerospace  
vehicles p 221 A83-22657

### HYDROGEN FUELS

Is LH2 the high cost option for aircraft fuel  
p 349 A83-27215  
Status of hydrogen development for aircraft in five  
countries - A Canadian perspective p 566 A83-39562  
Hydrogen aspiration in a direct injection type diesel  
engine Its effects on smoke and other engine performance  
parameters p 642 A83-42956  
Model of a cryogenic liquid-hydrogen pipeline for an  
airport ground distribution system p 648 A83-43641  
Effects of external burning on spike-induced separated  
flow p 715 A83-48132  
An airline view of LH2 as a fuel for commercial aircraft  
p 757 A83-48598

### HYDROGEN-BASED ENERGY

Status of hydrogen development for aircraft in five  
countries - A Canadian perspective p 566 A83-39562

### HYDROGRAPHY

Application of additional secondary factors to LORAN-C  
positions for hydrographic operations  
[AD-A125620] p 514 A83-27972

### HYDROMECHANICS

Hydromechanical dynamics of aircraft landing gear  
p 153 A83-18925

### HYDROPLANING

Braking of an aircraft tire on grooved and porous  
asphaltic concrete  
[FAA-CT-82-147] p 360 A83-22593

### HYDROSTATICS

Hybrid hydrostatic/ball bearings in high-speed  
turbomachinery  
[NASA-CR-168124] p 478 A83-27213

### HYPERBOLIC NAVIGATION

LORAN-C grid calibration requirements for aircraft  
non-precision approach  
[AD-A121191] p 260 A83-18706

### HYPERSONIC AIRCRAFT

An analytical comparison of two wing structures for Mach  
5 cruise airplanes  
[AIAA 83-0974] p 329 A83-29808  
The future of the manned aircraft p 416 A83-36960  
Flightweight radiantly and actively cooled panel  
Thermal and structural performance  
[NASA-TP-2074] p 68 A83-11513

Wall-temperature effects on the aerodynamics of a hydrogen-fueled transport concept in Mach 8 blowdown and shock tunnels  
[NASA-TP-2159] p 582 N83-30391

**HYPERSONIC BOUNDARY LAYER**

Flow in a hypersonic boundary layer on a delta wing of finite length at angle of attack p 581 A83-43522

**HYPERSONIC COMBUSTION**

On the choice of the optimal total wedge angle for the air intake of a hypersonic ramjet engine p 212 A83-22656

The ideas of F A Tsander and an assessment of the application of jet engines for the acceleration of aerospace vehicles p 221 A83-22657

**HYPERSONIC FLIGHT**

A one-dimensional unsteady model of dual mode scramjet operation  
[AIAA PAPER 83-0422] p 161 A83-16705

Review of shock tube and shock tunnel advancements at NAL p 290 A83-26127

**HYPERSONIC FLOW**

A three-dimensional hypersonic gas flow over a slender wing p 135 A83-17412

Flow over flat and axisymmetric bodies moving at high variable velocities p 135 A83-17413

Aerodynamic characteristics of thin wings in a nonequilibrium hypersonic gas flow p 495 A83-37640

Hypersonic flow behind a lifting body p 577 A83-41206

An experimental investigation of turbulent base heat transfer in hypersonic flow p 659 A83-44569

Chemical equilibrium laminar or turbulent three-dimensional viscous shock-layer flows p 715 A83-48133

A method for calculating the regime of strong viscous interaction on a delta wing p 716 A83-48684

The evaluation of some collision models used for Monte-Carlo calculations of diatomic rarefied hypersonic flows p 583 A83-30396

Heat transfer and skin friction measurements in a hypersonic turbulent boundary layer at M = 9 --- Mach number p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

[IC-AERO-82-04] p 583 A83-30397

Development of a non-insulated cryogenic strain-gauge balance  
[M-TP-82-006-U] p 402 N83-24520

**ICE**

Single- and multiple-crater induced nosetip transition p 420 A83-36078

Evidence for the production of ice particles in clouds due to aircraft penetrations p 767 A83-49691

A model for prediction bird and ice impact loads on structures p 184 A83-14543

Aircraft accident report World Airways, Inc., Flight 30H, N112WA McDonnell Douglas DC-10-30, Boston-Logan International Airport, Boston, Massachusetts, January 23, 1982 p 248 A83-18698

Ice sheet surface features in southwestern Greenland from satellite radio altimetry p 362 A83-22689

Suppression of ice fog from the Fort Wainwright, Alaska, cooling pond p 409 A83-24073

Advisory circular Building for storage and maintenance of airport snow removal and ice control equipment. A guide p 560 A83-28283

Rain and deicing experiments in a wind tunnel p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

[NASA-TM-77077] p 582 A83-30394

Wind tunnel evaluation of air foil performance using simulated ice shapes p 138 N83-15265

[NASA-CR-167960] p 138 N83-15265

Runway surface condition sensor specification guide p 465 N83-25728

[AC-150/5220-13A] p 465 N83-25728

UH-60A light icing envelope evaluation with the blade deicing kit installed but inoperative p 528 N83-27987

[AD-A125630] p 528 N83-27987

Limited artificial and natural icing test of the OV-ID (re-evaluation) p 606 N83-30410

[AD-A127191] p 606 N83-30410

Weather hazard simulation in the Modane wind-tunnels p 631 N83-30438

[NASA-TM-77069] p 631 N83-30438

Engine performance comparison associated with carburetor icing during aviation grade fuel and automotive grade fuel operation p 618 N83-31604

[DOT/FAA/CT-82/110] p 618 N83-31604

A model for nocturnal frost formation on a wing section Aircraft takeoff performance penalties p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598

[NASA-CR-3733] p 768 N83-36598



## IMAGE FURNACES

Minizone image furnace --- for reduced gravity experiments p 633 N83-31658

## IMAGE MOTION COMPENSATION

Analysis of three hierarchical motion compensation systems for synthetic aperture radars p 23 A83-11242  
Bo 105 rotor blade influence on the Calipso FLIR in the mast-mounted observation platform Ophelia p 205 A83-23249

## IMAGE PROCESSING

Multiscenario imaging sensor autoprocessor --- for target recognition p 22 A83-11224  
Real-time infrared image processing --- onboard aircraft p 37 A83-11459  
Symbolic pattern matching for target acquisition p 24 A83-11460  
Application of image understanding to automatic tactical target acquisition p 25 A83-12878  
Intelligent control of tactical target cueing --- by subsonic flight vehicles p 25 A83-12879  
Computer-generated images in visual simulation and avionic technologies p 219 A83-22835  
Thermal infrared pushbroom imagery acquisition and processing --- of NASA's Advanced Land Observing System p 209 A83-22841  
Eliminating nearest neighbor searches in estimating target orientation p 268 A83-23535  
Application of digital image analysis techniques to antismuggling fuel spray characterization [ASME PAPER 82-WA/HT-23] p 295 A83-25690  
Design of a real-time CGSI system [AIAA PAPER 83-1101] p 474 A83-36221  
X-ray tomography applied to NDE of ceramics [ASME PAPER 83-GT-206] p 762 A83-48007  
Image Processing Techniques [AGARD-LS-119] p 67 N83-11390  
Image generation and display p 39 N83-11394  
Picture formatting and hardware considerations p 67 N83-11395  
Design and construction of a flexible autonomous electronic display device [TUBS/FB-80-12-02] p 221 N83-13824  
Modern Display Technologies for Airborne Applications [AD-A129876] p 610 N83-30414  
Human factors aspects of displays p 610 N83-30415  
The status of LLTV for avionic applications p 735 N83-34892

## IMAGE RECONSTRUCTION

X-ray tomography applied to NDE of ceramics [ASME PAPER 83-GT-206] p 762 A83-48007  
Image Processing Techniques [AGARD-LS-119] p 67 N83-11390

## IMAGE RESOLUTION

Cathode ray tubes p 611 N83-30417

## IMAGE ROTATION

Conceptual kinematic design using homogeneous coordinate transformations [AIAA PAPER 83-2460] p 768 A83-48337

## IMAGERY

Image degradation in Langley 0.3-meter transonic cryogenic tunnel [NASA-TM-84550] p 219 N83-13419

## IMAGING TECHNIQUES

A versatile thermal imager for RPV applications p 610 A83-43720  
Modern Display Technologies for Airborne Applications [AD-A129876] p 610 N83-30414  
Image generation on matrix displays p 611 N83-30418

## IMPACT

Investigation of crew restraint system biomechanics [AD-A126199] p 510 N83-29190  
Electric charging by impact of hailstones and raindrops p 649 N83-31231

## IMPACT ACCELERATION

Vertical impact tests of a modified F/B-111 crew seat to evaluate headrest position and restraint configuration effects [AD-A120255] p 197 N83-16311

## IMPACT DAMAGE

Statistical modeling of ballistic damage and residual strength in composite structures [AIAA 83-1002] p 351 A83-29790  
Analytical and experimental investigation of bird impact on fan and compressor blading [AIAA 83-0954] p 338 A83-29856  
Effect of defect on the behaviour of composites p 551 A83-40215  
Residual strength predictions for ballistically damaged aircraft p 641 A83-42540  
Aircraft Dynamic Response to Damaged and Repaired Runways [AGARD-CP-326] p 157 N83-15284

Proposed specifications for international interoperability on repaired bomb damaged runways p 175 N83-15286

Advanced rapid runway repair A stable and flush repaired runway surface p 175 N83-15287  
Evaluation of the pilot papers from the Spring 1981 SMP Meeting p 175 N83-15288  
Application of semi-rigid pavements in rapid runway repair p 175 N83-15289  
The repaired runway clearance environment p 176 N83-15290

Roughness considerations for transport aircraft p 158 N83-15300  
Predicted and measured landing gear loads for the NF-5 aircraft taxiing over a bumpy runway [NLR-MP-82008-U] p 207 N83-17532  
Impact-initiated damage in laminated composites [AD-A122166] p 297 N83-19820  
Evaluation of three state-of-the-art water-jet systems for cutting/removing concrete [AD-A123579] p 407 N83-24732  
Damage tolerance --- of aircraft [SNIA-831-551-103] p 679 N83-32800

## IMPACT LOADS

The dynamic collapse of a column impacting a rigid surface p 639 A83-40873  
A model for prediction bird and ice impact loads on structures [AD-A119408] p 184 N83-14543  
Influence of mathematic modelling of undercarriages on the prediction of aircraft loads due to damaged and repaired runways p 157 N83-15292  
Development of a cost effective approach to modelling aircraft response to repaired runways p 157 N83-15293  
A method for the numerical simulation of an aircraft undercarriage system p 176 N83-15295  
The problem of design criteria for aircraft loads due to rough runway operation p 158 N83-15298  
Roughness considerations for transport aircraft p 158 N83-15300  
Response sensitivity of typical aircraft jet engine fan blade-like structures to bird impacts [AD A119974] p 166 N83-15310  
YAH-63 helicopter crashworthiness simulation and analysis [AD-A125642] p 510 N83-27970

## IMPACT RESISTANCE

A new high impact resin system for advanced composites with 300 F / 150 C / properties p 222 A83-20429  
Impact-resistant transparencies for marine service --- windscreens for aircraft [ASME PAPER 82-WA/OCE-4] p 295 A83-25686  
Impact protection in air transport passenger seat design [SAE PAPER 821391] p 507 A83-37967  
F/RF-4 transparency baseline bird impact test program p 598 A83-42533  
Design of glass faced helicopter windshields for survival in a particle impact environment [AIAA PAPER 83-2439] p 726 A83-48328  
Correlation and assessment of structural airplane crash data with flight parameters at impact [NASA TP 2083] p 183 N83-14521  
Materials screening tests of the FOD impact design technology program, task 4C --- fan and compressor blades for aircraft engines [AD-A119839] p 225 N83-16401

## IMPACT TESTING MACHINES

Random impact vibration tester p 66 N83-10234

## IMPACT TESTS

Air bag impact attenuation system for the AOM-34V remote piloted vehicle p 29 A83-10188  
F/RF-4 transparency baseline bird impact test program p 598 A83-42533  
Crash tests of four low-wing twin engine airplanes with truss-reinforced fuselage structure [NASA-TP-2070] p 67 N83-10442  
Correlation and assessment of structural airplane crash data with flight parameters at impact [NASA-TP-2083] p 183 N83-14521  
Vertical impact tests of a modified F/B-111 crew seat to evaluate headrest position and restraint configuration effects [AD-A120255] p 197 N83-16311  
Impact behavior of fibrous composition and metal substructures [AD-A121618] p 296 N83-18858  
Impact-initiated damage in laminated composites [AD-A122166] p 297 N83-19820  
Structural element and real blade impact testing, volume 1 [AD-A127744] p 618 N83-31606

## IMPACT TOLERANCES

Impact protection in air transport passenger seat design [SAE PAPER 821391] p 507 A83-37967

## IMPELLERS

Comparison between probe and laser measurements at the outlet of a centrifugal impeller p 299 A83-26418  
Contribution to centrifugal compressor impeller design p 448 A83-35865  
Excitation and vibration of flexible bladed disks under operating and simulated operation conditions p 449 A83-35881  
Theoretical estimate of the effect of the rotation of impellers on their natural frequencies p 558 A83-39508

Performance evaluation of centrifugal compressor impellers using three-dimensional viscous flow calculations [ASME PAPER 83-GT-62] p 714 A83-47918

A CAD method for centrifugal compressor impellers [ASME PAPER 83-GT-65] p 714 A83-47920

Effect of relative velocity distribution on efficiency and exit flow of centrifugal impellers [ASME PAPER 83-GT-74] p 760 A83-47927

Substructuring and wave propagation An efficient technique for impeller dynamic analysis [ASME PAPER 83 GT-150] p 741 A83-47969

Vibration analysis of radial compressor impellers [ASME PAPER 83-GT-156] p 761 A83-47982

Three dimensional inviscid computation of an impeller flow [ASME PAPER 83-GT-210] p 714 A83-48011

Initial findings during studies of the flow within a high speed impeller using a transit anemometer p 216 N83-12270

## IMPINGEMENT

An analytical evaluation of the icing properties of several low and medium speed airfoils [AIAA PAPER 83-0109] p 131 A83-16525  
Experimental investigation of simulating impingement cooling of concave surfaces of turbine airfoils p 283 N83-18960

## IMPROVEMENT

The impact of reliability improvement warranties on naval aviation maintenance at the fleet level [AD-A126810] p 658 N83-33841

## IN-FLIGHT MONITORING

In-flight structural dynamic characteristics of the XV-15 tilt-rotor research aircraft p 29 A83-10191  
The evolution of Navy Flight Line EW testers from AN/ALM-66 to AN/USM-406C p 54 A83-10739  
In-flight lightning data measurement system for fleet application - Flight test results p 29 A83-11087  
Develop in-flight acoustic emission monitoring of aircraft to detect fatigue crack growth p 195 A83-15197  
Establishing signal processing and pattern recognition techniques for inflight discrimination between crack-growth acoustic emission and other acoustic waveforms p 214 A83-15198

An instrument for recording the exceeding of specified levels of an operational parameter of an aircraft p 159 A83-16880

Optimal processing of the correction data of an aircraft fuel-measurement system p 159 A83-19177

The MCA method, a flight test technique to determine the thrust of jet aircraft in flight --- Mass Consumption Acceleration p 202 A83-19661

Infrared target array development p 268 A83-23527  
FAA approved S-76A in-flight power assurance and trending procedure p 277 A83-24830

Fault Detection/Location System for intermediate and tail rotor gearboxes p 299 A83-24835

Full-flow debris monitoring and fine filtration for helicopter propulsion systems p 278 A83-24838

Study of an on-board trajectory system for in-flight checking of air-navigation and landing radio aids p 255 A83-24860

In-flight acoustic measurements in the engine intake of a Fokker F28 aircraft [AIAA PAPER 83-0677] p 279 A83-25909

Noise source identification in airplane cabins using acoustic intensity technique [AIAA PAPER 83-0716] p 307 A83-25931

Farfield inflight measurements of high-speed turboprop noise [AIAA PAPER 83-0745] p 280 A83-25947

Flyover noise measurements for turbo-prop aircraft [AIAA PAPER 83-0746] p 280 A83-25948

F/A-18A Inflight Engine Condition Monitoring System (IECMS) [AIAA PAPER 83-1237] p 453 A83-36300

Modern technology and airborne engine vibration monitoring systems [AIAA PAPER 83-1240] p 444 A83-36303

- In-flight computation of helicopter transmission fatigue life expenditure p 439 A83-36921  
 DC-9 Super 80 Digital Flight Guidance System integrated system testing  
 [SAE PAPER 821364] p 529 A83-37959  
 Development of a compact real-time turbofan engine dynamic simulation  
 [SAE PAPER 821401] p 533 A83-37974  
 Robust fault detection, isolation, and accommodation to support integrated aircraft control  
 [AIAA PAPER 83-2161] p 619 A83-41661  
 Observations of severe in-flight environments on airplane composite structural components  
 p 600 A83-43330  
 On-board weight and center-of-gravity measurement system with tire-pressure monitoring  
 p 725 A83-47216  
 A7E/TF41 Engine Monitoring System (EMS)  
 [ASME PAPER 83-GT-91] p 739 A83-47938  
 An in-flight investigation of pilot-induced oscillation suppression filters during the fighter approach and landing task  
 [NASA-CR-163116] p 204 A83-13110  
 Computerized engine and airplane performance monitoring programs p 188 A83-17465
- INCIDENCE**  
 Vane camber and angle of incidence effects in fan noise generation  
 [AIAA PAPER 83-0766] p 280 A83-25956  
 Negative incidence flow over a turbine rotor blade  
 [ASME PAPER 83-GT-23] p 713 A83-47888  
 Three-dimensional wall corrections for ventilated wind tunnels p 348 A83-20965  
 The design of shielded pitot tubes with small sensitivity to incidence  
 [RAE-TM-AERO-1863] p 530 A83-27988  
 Incidence loss for fan turbine rotor blade in two-dimensional cascade  
 [NASA-TP-2188] p 617 A83-30431
- INCINERATORS**  
 Status, trends and implications of carbon fiber material use  
 [PB83-147751] p 471 A83-26934
- INCOMPRESSIBLE FLOW**  
 The use of an error index to improve numerical solutions for unsteady lifting airfoils p 178 A83-15281  
 Boundary layer calculations in the inverse mode for incompressible flows over infinite swept wings  
 [AIAA PAPER 83-0454] p 137 A83-19590  
 Aerodynamic from corner flow and flap flow  
 [AIAA PAPER 81-2039] p 237 A83-19813  
 Low-Reynolds-number airfoils p 374 A83-31082  
 Improved numerical method for unsteady lifting surfaces in incompressible flow p 422 A83-36917  
 Lifting surface theory for a helicopter rotor in forward flight  
 [NASA-CR-169997] p 246 A83-19709  
 Helicopter rotor loads using discretized matched asymptotic expansions  
 [NASA-CR-166092] p 423 A83-25658  
 Helicopter rotor loads using matched asymptotic expansions User's manual  
 [NASA-CR-166093] p 423 A83-25659  
 A wind tunnel study of the effects of a close-coupled canard on the aerodynamic characteristics of a forward-swept wing in incompressible flow  
 [AD-A124722] p 425 A83-25673  
 Experimental and analytical studies of a true airspeed sensor  
 [NASA-CR-165704] p 530 A83-27989  
 Lunate-tail swimming propulsion as a problem of curved lifting line in unsteady flow 1 Asymptotic theory  
 [USCAE-139] p 561 A83-28377  
 Analysis of incompressible separated flow around an airfoil with a finite-gap flap p 682 A83-32745
- INCOMPRESSIBLE FLUIDS**  
 Calculation of a turbulent boundary layer of an incompressible fluid over swept wings of large aspect ratios p 495 A83-37803  
 The theory for a flexible flat p 495 A83-37810  
 Inertia effects of the dynamics of a disk levitated by incompressible laminar fluid flow  
 [ASME PAPER 83-GT-149] p 761 A83-47968
- INDEPENDENT VARIABLES**  
 Parametrically excited vibrations in theory and practice p 407 A83-32961
- INDICATING INSTRUMENTS**  
 Slideslip indication system p 210 A83-17466
- INDOOR AIR POLLUTION**  
 CB agent threat to atmosphere inside Navy aircraft  
 [AD-A127882] p 589 A83-31587
- INDUSTRIAL MANAGEMENT**  
 Research and technology program perspectives for general aviation and commuter aircraft  
 [NASA-CR-169875] p 187 A83-17454

**INDUSTRIAL SAFETY**

- Engineering safety analysis via destructive numerical experiments p 215 A83-16198  
 Effects of metric change on safety in the workplace for selected occupations  
 [AD-A118595] p 216 A83-12279

**INDUSTRIES**

- Status, trends and implications of carbon fiber material use  
 [PB83-147751] p 471 A83-26934

**INERTIA**

- Nonlinear supersonic flutter of panels considering shear deformation and rotary inertia p 473 A83-34315  
 Inertia effects of the dynamics of a disk levitated by incompressible laminar fluid flow  
 [ASME PAPER 83-GT-149] p 761 A83-47968  
 Design of helicopter rotor blades for optimum dynamic characteristics  
 [NASA-CR-169940] p 266 A83-18716  
 Nacelle Aerodynamic and Inertial Loads (NAIL) project  
 [NASA-CR-168712] p 605 A83-30402

**INERTIAL GUIDANCE**

- Flight testing the Low Cost Inertial Guidance System  
 [AD-A120834] p 324 A83-29210  
 Azimuth monitoring experiment  
 [AD-A120834] p 148 A83-15278

**INERTIAL NAVIGATION**

- Gravity modeling for airborne applications p 17 A83-11090  
 Analysis of three hierarchical motion compensation systems for synthetic aperture radars p 23 A83-11242  
 Development of inertial navigation and its employment in measurement technology p 141 A83-16900  
 Suboptimal filters for INS alignment on a moving base p 199 A83-21019  
 Integration of navigation resources in modern avionics systems p 254 A83-24852  
 A multifunction integrated approach to providing aircraft inertial data p 254 A83-24853  
 Carrier Aircraft Inertial Navigation System /CAINS/ integrated system approach p 254 A83-24854  
 The Integrated Inertial Navigation System - AN/ASN-132 p 254 A83-24855  
 Nonlinear Kalman filtering techniques for terrain-aided navigation p 257 A83-26263  
 A multifunction integrated approach to providing aircraft inertial data p 321 A83-28595  
 The Integrated Inertial Navigation System - AN/ASN-132 p 321 A83-28596  
 Analysis of the precision of inertial navigation systems --- German thesis p 321 A83-28649  
 Guidance and flight control demonstration in a helicopter flight environment using a laser-gyro inertial navigation system p 322 A83-28779  
 Performance of a Strapdown Ring Laser Gyro Tetrad Inertial Navigation System in a helicopter flight environment p 322 A83-28781  
 Integration and flight demonstrations of the Integrated Inertial Sensor Assembly /IISA/ p 322 A83-28785  
 Institute of Navigation, Annual Meeting, 38th, U S Air Force Academy, Colorado Springs, CO, June 14-17, 1982, Proceedings p 323 A83-29201  
 Benefits of integrating GPS and Inertial Navigation Systems p 324 A83-29214  
 Alpha Jet - Further version for the international market p 529 A83-37858  
 Avionics analyzed III - The hidden sensors p 512 A83-38471  
 Comparison of simple position resets and Kalman filter position updates for correcting inertial navigation system errors p 673 A83-46967  
 State of the art and development potential of fiberoptic rotation sensors --- for inertial navigation p 734 A83-47187  
 Integrated navigation systems for aircraft p 723 A83-48735  
 A sensitivity analysis of the Kalman filter as applied to an inertial navigation system  
 [AD-A119623] p 147 A83-14101  
 Investigation of a third order baro-damped vehicle channel of INS  
 [AD-A124882] p 432 A83-26828  
 Flight testing of a strapdown system Results of a special flight test --- inertial navigation  
 [DFVLR-MITT-83-02] p 514 A83-27973  
 Flight testing of inertial navigation systems Hardware and software description  
 [ESA-TT-772] p 515 A83-27974  
 Wellborne inertial navigation system  
 [DE83-004012] p 594 A83-31593
- INERTIAL PLATFORMS**  
 The reliability analysis of a dual, physically separated, communicating IMU system p 20 A83-11128  
 CONEX gyroscope p 354 A83-28782

- The use of multiple inertial systems to correct for the effects of gravitational anomalies  
 [AIAA PAPER 83-2196] p 591 A83-41681  
 Gyroscopic instruments and their application to flight testing  
 [AGARD-AG-160-VOL-15] p 233 A83-17855
- INERTIAL REFERENCE SYSTEMS**  
 Azimuth monitoring experiment  
 [AD-A120834] p 148 A83-15278
- INFECTIOUS DISEASES**  
 CB agent threat to atmosphere inside Navy aircraft  
 [AD-A127882] p 589 A83-31587
- INFINITE SPAN WINGS**  
 Calculation of three-dimensional turbulent boundary layer on an infinite swept wing p 659 A83-44555
- INFLATABLE STRUCTURES**  
 Deflections of inflated cylindrical cantilever beams subjected to bending and torsion p 65 A83-12853  
 Lighter-Than-Air Systems Conference, Anaheim, CA, July 25-27, 1983, Collection of Technical Papers p 489 A83-38901  
 Patterning techniques for inflatable LTA vehicles --- Lighter Than Air  
 [AIAA PAPER 83-1983] p 522 A83-38911
- INFLATING**  
 The theoretical advantages and practical considerations of gas replenishment techniques in long-duration scientific ballooning  
 [AD-A129841] p 524 A83-39802
- INFLUENCE COEFFICIENT**  
 In situ balancing of flexible rotors using influence coefficient balancing and the unified balancing approach  
 [ASME PAPER 83-GT-178] p 761 A83-47989
- INFORMATION DISSEMINATION**  
 Stability of the decentralized estimation in the JTIDS relative navigation p 23 A83-11253  
 Synergistic integration of JTIDS/GPS technology --- Joint Tactical Information Distribution System p 323 A83-28789  
 Computerized engine and airplane performance monitoring programs p 188 A83-17465
- INFORMATION FLOW**  
 U S Navy search and rescue Model Manager p 183 A83-15424
- INFORMATION MANAGEMENT**  
 AEDCS - A computer-aided system design tool for integrated avionics p 71 A83-11176
- INFORMATION RETRIEVAL**  
 Development studies for incorporation of air transportation documentation in the building up of a transport information system p 249 A83-18703
- INFORMATION SYSTEMS**  
 The development of JTIDS distributed TDMA /DTDMA/ advanced development model /ADM/ terminals --- Joint Tactical Information Distribution System p 18 A83-11094  
 AISA - Program for automated treatment of aeronautical data --- for civil aviation applications p 462 A83-35598  
 An overview of a new integrated system for communication, navigation, and identification - The Joint Tactical Information Distribution System p 590 A83-41310  
 Analysis and modeling of information handling tasks in supervisory control of advanced aircraft  
 [AD-A119067] p 205 A83-13116  
 Utility of traffic advisory information p 146 A83-14093  
 Computer based maintenance aids system Preliminary development and evaluation of a prototype  
 [AD-A120627] p 187 A83-16281  
 Advanced avionic systems for multimission applications, volume 2 p 271 A83-19750  
 Advanced avionic systems for multimission applications, volume 3 p 271 A83-19751  
 Proposal and justification for the establishment of an aeronautical systems-target nonnuclear survivability-vulnerability information analysis center-SURVIAC  
 [AD-A130414] p 771 A83-37015
- INFRARED ABSORPTION**  
 Obscuration by helicopter-produced snow clouds p 197 A83-22357
- INFRARED ASTRONOMY**  
 Infrared observations from the NASA Airborne Observatories p 573 A83-40454  
 ASTROPLANE - A European airborne observatory for infrared astronomy p 573 A83-40455  
 Astroplane - The Airbus proposal p 573 A83-40456  
 Astroplane A European research aircraft for IR and submillimetre astronomy (the DFVLR proposal) p 369 A83-22049

## INFRARED ASTRONOMY SATELLITE

Orbit prediction for IRAS using vector and analytic techniques --- Infra-Red Astronomical Satellite [IAF PAPER 83-315] p 755 A83-47338

## INFRARED DETECTORS

Infrared calibration facilities at Newark Air Force Station p 219 A83-22875  
Electro-optical calibration considerations at intermediate maintenance levels p 232 A83-22883  
Infrared target array development p 268 A83-23527  
A method for ensuring the proper operation of an optical instrument for measuring the temperature of the blades of a high-temperature turbine p 609 A83-42152  
Infrared fiber early warning receiver p 682 A83-46640

## INFRARED IMAGERY

Real-time infrared image processing --- onboard aircraft p 37 A83-11459  
A concept for reducing helicopter IFR landing weather minimums - Offshore p 24 A83-12099  
Stimulus variables affecting dynamic target acquisition p 209 A83-22590  
Thermal infrared pushbroom imagery acquisition and processing -- of NASA's Advanced Land Observing System p 209 A83-22841  
Bo 105 rotor blade influence on the Calipso FLIR in the mast-mounted observation platform Ophelia p 205 A83-23249  
Infrared target array development p 268 A83-23527  
Target acquisition and extraction from cluttered backgrounds p 268 A83-23531  
Eliminating nearest neighbor searches in estimating target orientation p 268 A83-23535  
Pyroelectric IR imaging sensors The potential for compact inexpensive RPV payloads p 609 A83-43712  
A versatile thermal imager for RPV applications p 610 A83-43720  
Imaging sensors for an RPV payload p 610 A83-43721  
Simulation program of rotary wings [FOA-C-30308-E1] p 443 A83-26838

## INFRARED INSTRUMENTS

Coherent, single-mode fiber optic for multifunction 10.6 micron helicopter avionics system p 706 A83-46639

## INFRARED LASERS

Infrared calibration facilities at Newark Air Force Station p 219 A83-22875

## INFRARED RADIATION

The APC-4 infrared plume generator Qualification Operational Test and Evaluation (QOT/E) [AD-A128503] p 733 A83-34938

## INFRARED RADIOMETERS

Electro-optical calibration considerations at intermediate maintenance levels p 232 A83-22883  
Calibration support of the AN/AAM-60 common forward looking infrared /FLIR/ test bench p 232 A83-22886

## INFRARED SCANNERS

Future trends in the use of infrared line scanners for airborne reconnaissance p 209 A83-22578  
Thermal infrared pushbroom imagery acquisition and processing --- of NASA's Advanced Land Observing System p 209 A83-22841

## INFRARED SPECTROSCOPY

Application of Fourier transform infrared spectroscopy for quality control analysis of epoxy resin prepreps used in helicopter rotor blades p 61 A83-11232

## INFRARED TELESCOPES

Astrolane - The Airbus proposal p 573 A83-40456

## INFRARED TRACKING

Advanced terrain following radar for LANTIRN --- Low Altitude, Navigation, Targeting Infrared at Night p 23 A83-11241  
Infrared target array development p 268 A83-23527  
Eliminating nearest neighbor searches in estimating target orientation p 268 A83-23535  
Designing for stray radiation rejection --- of heat seeking missile components p 268 A83-23536  
Algorithm development for infra-red air-to-air guidance systems - How to separate the wheat from the chaff A simple approach to target detection p 321 A83-28178

## INGESTION

Response sensitivity of typical aircraft jet engine fan blade-like structures to bird impacts [AD-A119774] p 166 A83-15310

## INGESTION (ENGINES)

Thrust reverser exhaust plume reingestion tests for a STOL fighter model [AIAA PAPER 83-1229] p 452 A83-36293  
Materials screening tests of the FOD impact design technology program, task 4C --- fan and compressor blades for aircraft engines [AD-A119839] p 225 A83-16401

Experimental study of strength and exsistance domain of ground-to-air inlet vortices by ground board static pressure measurements [PB83-144865] p 460 N83-26843

## INGOTS

Advanced powder metallurgy aluminum alloys and composites p 210 N83-12156

## INHIBITORS

The influence of water-displacing organic corrosion inhibitors on the fatigue behaviour of 2024-T3 alclad aluminum alloy bolted joints [ARL-STRUC-REPORT-390] p 61 N83-11281

## INJECTION

A powder-injection shock-tube facility p 290 A83-26132

## INJECTION MOLDING

Fabrication of complex shaped ceramic articles by slip casting and injection molding p 763 A83-48306  
Gas turbine parts made of injection molded silicon nitride [BMFT-FB-T-83-021] p 539 N83-29240  
Gas turbine parts made of injection molded silicon nitride and brazing of silicon nitride with metal [BMFT-FB-T-83-028] p 554 N83-29377

## INJECTORS

Effect of broad properties fuel on injector performance in a reverse flow combustor [AIAA PAPER 83-0154] p 210 A83-21079  
Further study on the prediction of liquid fuel spray capture by v-gutter downstream of a plain orifice injector under uniform cross air flow p 473 A83-35810  
Effect of broad properties fuel on injector performance in a reverse flow combustor [NASA-TM-83013] p 202 N83-13101

## INKS

Development of aircraft lavatory compartments with improved fire resistance characteristics Phase 4 Sandwich panel decorative ink development [NASA-CR 166432] p 296 N83-18851

## INLET AIRFRAME CONFIGURATIONS

Analysis of complex inlet configurations using a higher-order panel method [AIAA PAPER 83-1828] p 498 A83-38659

## INLET FLOW

Assessment of inflow control structure effectiveness and design system development p 189 A83-13161  
Strut or guide vane secondary flows and their effect on turbomachinery noise p 190 A83-18414  
Sensitivity of chamber turbulence to intake flows in axisymmetric reciprocating engines p 276 A83-24677  
An axisymmetric nacelle and turboprop inlet analysis including power simulation p 375 A83-32584  
Investigation of the combined regulation of the intermediate stage of a centrifugal compressor by an axial regulating apparatus and a two-row diffuser p 407 A83-33149

A study of lean extinction limit for pilot flame holder p 469 A83-35821

Applications of computational techniques in the design of ramjet engines p 418 A83-35828  
The prediction of performance of turbojet engine with distorted inlet flow and its experimental studies p 448 A83-35832

Variation of rotor blade vibration due to interaction of inlet and outlet distortion p 450 A83-35882

Importance of inlet boundary conditions for numerical simulation of combustor flows [AIAA PAPER 83-1263] p 454 A83-36314

Response of a supersonic inlet to downstream perturbations [AIAA PAPER 83-2017] p 422 A83-36403

Experimental evaluation of inlet turbulence, wall boundary layer, surface finish, and fillet radius on small axial turbine state performance [SAE PAPER 821475] p 534 A83-38001

Analysis of complex inlet configurations using a higher-order panel method [AIAA PAPER 83-1828] p 498 A83-38659

Supercritical inlet design [AIAA PAPER 83-1866] p 501 A83-38693

Determining compressor-inlet airflow in the compact multimission aircraft propulsion simulators in wind-tunnel applications [AIAA PAPER 83-1231] p 547 A83-39104

Axisymmetric nose inlet effects on supersonic airflows p 503 A83-40008

Determination of full pressure losses in stepped annular diffusers with rectilinear outer walls and a uniform velocity field at the inlet p 613 A83-42130

Flow visualization investigation of choking cascade turns p 641 A83-42564

Aerodynamic performance of a fan stage utilizing variable inlet guide vanes (VIGV's) for thrust modulation --- subsonic V/STOL aircraft [AIAA PAPER 83-1162] p 660 A83-45508

Dynamic distortion in a short s-shaped subsonic diffuser with flow separation --- Lewis 8 by 6 foot Supersonic Wind Tunnel [AIAA PAPER 83-1412] p 683 A83-45515

A compact diffuser system for annular combustors [ASME PAPER 83-GT-43] p 738 A83-47903

Effect of steady-state pressure distortion on inlet flow to a high-bypass-ratio turbofan engine [NASA-TM-82964] p 166 N83-15306

Literature search of publications concerning the prediction of dynamic inlet flow distortion and related topics [NASA-CR-3673] p 282 N83-18729

Effects of interstage diffuser flow distortion on the performance of a 15 41-centimeter tip diameter axial power turbine [NASA-TM-83359] p 394 N83-24505

Dynamic distortion in a short s-shaped subsonic diffuser with flow separation --- Lewis 8 by 6 foot Supersonic Wind Tunnel [NASA-TM-83412] p 459 N83-26838

Aerodynamic performance of a fan stage utilizing Variable Inlet Guide Vanes (VIGV's) for thrust modulation --- subsonic V/STOL aircraft [NASA-TM-83438] p 504 N83-27957

Low speed performance of a supersonic axisymmetric mixed compression inlet with auxiliary inlets --- Lewis 9x15-ft anechoic wind tunnel tests [NASA-TM-83435] p 536 N83-27992

DOE wave-turbine-engine demonstration [DE82-018322] p 562 N83-28458

Modelling compression component stability characteristics Effects of inlet distortion and fan bypass duct disturbances p 542 N83-29261

Tests for inlet distortion in a two-spool turbojet engine on the ground test bed p 683 N83-32733

INLET NOZZLES  
Model aerodynamic test results for a refined actuated inlet ejector nozzle at simulated takeoff and cruise conditions [NASA-CR-168051] p 426 N83-26816

INLET PRESSURE  
Aircraft engine inlet pressure distortion testing in a ground test facility [AIAA PAPER 83-1233] p 453 A83-36296

Literature search of publications concerning the prediction of dynamic inlet flow distortion and related topics [NASA-CR-3673] p 282 N83-18729

INLET TEMPERATURE  
A study of the response of a turbojet engine to the inlet temperature transients p 448 A83-35849

Behavior of aircraft engine oils at high temperature p 185 N83-15529

Experimental and analytical determination of gear tooth temperatures with oil jet lubrication p 185 N83-15530

Heat transfer rate to blade profiles Theory and measurement in transient facilities p 283 N83-18740

Application of the finite element method to the solution of transient two-dimensional temperature field for air-cooled turbine blade p 301 N83-18958

Coaxial dump combustor investigations p 459 N83-26791

A look at engine handling aspects from aircraft flight test experience, with an outlook for future requirements p 540 N83-29245

INSECTS  
A fundamental approach to the sticking of insect residues to aircraft wings [NASA-CR-173063] p 679 N83-33875

INSPECTION  
A strategy is needed to deal with peaking problems at international airports [GAO/GGD-83-4] p 429 N83-25683

INSTALLING  
Installation, validation and flight evaluation of the Federal Aviation Administration's head-up display system [NASA-TM-85255] p 610 N83-30412

INSTRUCTION SETS (COMPUTERS)  
Design of a high-speed digital processing element for parallel simulation [NASA-TM-83373] p 563 N83-29597

INSTRUMENT APPROACH  
Helicopter IFR approaches into major terminals using RNAV, MLS, and CDTI p 584 A83-41042

Instrument-approach technique for poor-visibility landings p 590 A83-41228

A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 1 Technical discussion and results [NASA-TM-84258-PT-1] p 48 N83-10049

Predictor symbology in computer-generated pictorial displays [NASA-CR-169441] p 72 N83-10803

Application of the microwave landing system to helicopter operations p 187 N83-12068  
 [FAA-RD-82-40]  
 Simulation study of traffic-sensor noise effects on utilization of traffic situation display for self-spacing task [NASA-TP-2082] p 270 N83-18723  
 Minimum operational performance standards for airborne area navigation equipment using VOR/DME reference facility sensor inputs [RTCA/DO-180] p 325 N83-22175

**INSTRUMENT COMPENSATION**

Gravity modeling for airborne applications p 17 A83-11090  
 Laboratory evaluation of an airborne ozone instrument that compensates for altitude/sensitivity effects p 681 A83-45618

**INSTRUMENT ERRORS**

Effects of thermal noise and interference due to scatterers on VOR system accuracy p 18 A83 11092  
 A new technique for the precision DME of microwave landing system p 186 A83-16448  
 Concerning the measurement of aircraft acceleration p 158 A83-16876  
 Navstar equipments accuracy compared with experimental results p 255 A83-24861  
 Experiments of Omega for aviation p 255 A83-24862  
 Multiconfiguration Kalman filter design for high-performance GPS navigation p 257 A83-26262  
 Simulation study of traffic-sensor noise effects on utilization of traffic situation display for self-spacing task [NASA-TP-2082] p 270 N83-18723

**INSTRUMENT FLIGHT RULES**

A concept for reducing helicopter IFR landing weather minimums - Offshore p 24 A83-12099  
 A concept for reducing helicopter IFR landing weather minimums - Onshore p 199 A83-21034  
 Helicopter IFR - The economics of schedule regularity [SAE PAPER 821501] p 507 A83-38009  
 Radio-navigation prerequisites for IFR operation of regional airports and civil airfields p 512 A83-38932  
 Helicopter IFR approaches into major terminals using RNAV, MLS, and CDTI p 584 A83-41042  
 Ground simulation investigation of helicopter decelerating instrument approaches p 668 A83-45461  
 The emerging need for improved helicopter navigation p 671 A83-46930  
 Investigation of advanced navigation and guidance system concepts for all-weather rotorcraft operations [NASA-CR-166274] p 26 N83-10029  
 Single pilot IFR accident data analysis [NASA-CR-3650] p 139 N83-14076  
 A flight investigation of simulated data-link communications during single-pilot IFR flight Volume 2 Flight evaluations [NASA-CR-3653] p 146 N83-14098  
 Statistical summary Study to determine the IFR operational profile of the general aviation single pilot --- instrument flight rules [NASA-CR-165805] p 198 N83-17523  
 Study to determine the IFR operational profile and problems of the general aviation single pilot [NASA-CR-3576] p 249 N83-18699  
 Longitudinal flying qualities criteria for single pilot instrument flight operations p 545 N83-27997  
 Longitudinal flying qualities criteria for single-pilot instrument flight operations [NASA-CR-166084] p 606 N83-30407  
 NASA/FAA experiments concerning helicopter IFR airworthiness criteria [NASA-TM-84388] p 688 N83-33904  
 The FAA (Federal Aviation Administration) air traffic activity FY 1982 [AD-A128702] p 712 N83-34889

**INSTRUMENT LANDING SYSTEMS**

General conditions of operational and technical utilization of ILS during Category III operations p 25 A83-13008  
 Instrument Landing Systems /ILS/ at GDR airports II p 253 A83-23495  
 Nonlinear filter for pilot's remnant attenuation p 285 A83-24436  
 Study of an on-board trajectory system for in-flight checking of air navigation and landing radio aids p 255 A83-24860  
 Advances related to the measurement and representation of real multipath propagation --- for radio navigation and instrument landing applications p 258 A83-26485  
 Operation of ILS during snow and ice conditions p 320 A83-27969  
 Improvement of the measurement system for the survey of class-II ILS installations p 670 A83-45401  
 A new generation of navigation and landing aids for aviation p 722 A83-47188

Instrument landing system localizer vector far field monitor development [FAA-RD-82-62] p 188 N83-13087

Instrument landing system localizer receiver performance in the presence of co-channel interference [AD-A118909] p 188 N83-13089

Summary of the FAA's future navigation system max evaluation, through May 1982 [AD-A119314] p 146 N83-14099

Simulator study of a flight director display [NASA-TM-84581] p 271 N83-19748

Failure Modes, Effects and Criticality Analysis (FMECA) of type AN/GRN-27 (V) instrument landing system with traveling-wave localizer antenna [DOT/FAA/PM-83/18] p 382 N83-24492

Possible effects of citizens band radio transmissions on service airborne radio nav aids --- United Kingdom specifications [RAE-TM-RAD-NAV-197] p 560 N83-28291

**INSTRUMENT ORIENTATION**

Performance capabilities of photographic flight navigation and sensor orientation systems p 431 A83-36122

**INSTRUMENT PACKAGES**

Experimental results of using the GPS for Landsat 4 onboard navigation p 672 A83-46963

**INSTRUMENTS**

Integration of a new sensor on to an existing aircraft p 732 N83-34901

**INTAKE SYSTEMS**

Flight effects of fan noise [NASA-CP-2242] p 73 N83-10883  
 Utilizing numerical techniques in turbofan inlet acoustic suppressor design [NASA-TM-82994] p 73 N83-10885  
 Computer program for calculation of turbojet system performance [AD-A120665] p 167 N83-15314  
 Investigation of the coupling of unsteady lift to low order acoustic duct modes in an axial flow fan [AD-A124819] p 483 N83-27796  
 A survey of inlet/engine distortion compatibility [NASA-TM-83421] p 536 N83-27991  
 The criteria used for assessing acceptable engine handling on UK military aircraft p 540 N83-29244  
 A look at engine handling aspects from aircraft flight test experience, with an outlook for future requirements p 540 N83-29245  
 Effects of intake flow distortion on engine stability p 542 N83-29257  
 Test facility for basic research on distortion p 542 N83-29258  
 Pressure recovery of axisymmetric intakes at subsonic speeds [ESDU-80037] p 663 N83-32753

**INTEGRAL EQUATIONS**

Solution of the fundamental control problem /FCP/ --- for aircraft p 341 A83-29291  
 Integro-differential equations of the dynamics of elastic systems in nonstationary flows --- flight vehicle dynamics in turbulent nonseparated flow p 474 A83-35933  
 Lifting surface theory for a helicopter rotor in forward flight [NASA-CR-169997] p 246 N83-19709

**INTEGRATED CIRCUITS**

Anemobarometric systems for next generation aircraft --- architecture for air data systems p 343 N83-22101  
 Potential benefits of a Full Authority Digital Electronic Control (FADEC) installed on a TF30 engine in an F14 flight test demonstrator aircraft p 543 N83-29269

**INTELLIGENCE**

Scout - A real time intelligence and surveillance system p 602 A83-43717

**INTERACTIONS**

Helicopter-borne scatterometer [AD-A125796] p 562 N83-29561

**INTERACTIVE CONTROL**

Illustration of the applicability of computer aided design packages p 298 A83-24719  
 Integrated flight path control system p 286 A83-26477

Structure and mode of operation of an interactive onboard four-dimensional flight path control system p 286 A83-26478

Interactive fine-tuning of linear-quadratic governors by selective and direct action on the poles of the control system [ONERA, TP NO 1983-21] p 480 A83-36430

**INTERCEPTION**

Investigation of time-to-go algorithms for air-to-air missiles p 511 A83-37137  
 Interception in three dimensions - An energy formulation [AIAA PAPER 83-2121] p 597 A83-41946

Optimal feedback strategies for pursuit-evasion and interception in a plane [NASA-TM-84311] p 288 N83-18745

**INTERCEPTORS**

Classical vs modern control system design for terminal guidance of bank-to-turn intercept missiles [AIAA PAPER 83-2203] p 620 A83-41687  
 The effects of the Production Oriented Maintenance Organization (POMO) concept on ADTAC aircraft maintenance productivity and quality [AD-A123981] p 416 N83-25655

**INTERFACE STABILITY**

Development of a three-dimensional adaptive wall test section with perforated walls p 349 N83-20973

**INTERFACES**

Analysis and modeling of information handling tasks in supervisory control of advanced aircraft [AD-A119067] p 205 N83-13116

Interface specifications for the A-7E shared services module [AD-A118897] p 189 N83-14954

A RF front end interface and AGC modification [NASA-CR-169691] p 147 N83-15276

Interfacing the ROLM 1602B for the Metro navigation system [NLR-MP-81062-U] p 674 N83-32786

**INTERFERENCE**

Atmospheric effects on ultra high frequency radio propagation [AD-A119581] p 183 N83-14388

**INTERFERENCE DRAG**

Interference during flow around a wing and an axisymmetric nacelle p 578 A83-41879  
 Studies on blade-to-blade and rotor-fuselage-tail interferences --- in helicopters [MBB-351-82-O-E] p 195 N83-17521

Wall interference correction improvements for the ONERA main wind tunnels [NASA-TM-76971] p 690 N83-33908

**INTERFEROMETERS**

Alternative techniques to GPS/NAVSTAR p 513 A83-38937

**INTERFEROMETRY**

Holographic interferometry technique for rotary wing aerodynamics and noise [NASA TM-84723] p 67 N83-10378

Computer tomography of flows external to test models [NASA-CR-169521] p 221 N83-13835

**INTERIOR BALLISTICS**

Computerized design of CAD --- Charge Activated Devices p 215 A83-15415

**INTERNAL COMBUSTION ENGINES**

Sensitivity of chamber turbulence to intake flows in axisymmetric reciprocating engines p 276 A83-24677  
 The integration of internal combustion engines of the General Aviation - Problems raised by ventilation and exhaust [AAAF PAPER NT 82-16] p 393 A83-33167

Vibration-free internal combustion engine for general aviation [BMFT-FB-W-82-016] p 213 N83-16347

Advanced rotary engines p 240 N83-22454

**INTERNAL PRESSURE**

Coaxial dump combustor investigations p 459 N83-26791

**INTERNATIONAL COOPERATION**

Balloon research and cooperative programmes p 490 A83-39838  
 PAH-2, HAP, HAC Will they really get under way this time? --- Franco-German military helicopter program p 729 A83-48641

Air traffic services in Portugal Civil-military coordination aspects p 325 N83-22183

**INTERNATIONAL LAW**

Interchange of aircraft -- international lease regulations p 707 A83-45832  
 The legal status of the aircraft commander - Ups and downs of a controversial personality in international law p 708 A83-45842

**INTERNATIONAL RELATIONS**

Chinese aviation in the eyes of American experts [AD-A118961] p 128 N83-14063

**INTERNATIONAL SYSTEM OF UNITS**

Effects of metric change on safety in the workplace for selected occupations [AD-A118595] p 216 N83-12279

**INTERPOLATION**

Surfaces in computer aided geometric design, Proceedings of the Conference, Oberwolfach, West Germany, April 25-30, 1982 p 480 A83-33613

Marching grid generation using parabolic partial differential equations p 569 A83-38810

**INTERPROCESSOR COMMUNICATION**

Multiprocessor Shared Memory (MSM) development [AD-A126527] p 705 N83-34598

# SUBJECT INDEX

## INVENTORIES

Census of U.S. civil aircraft, calendar year 1981  
[AD-A119358] p 176 N83-13067

## INVENTORY MANAGEMENT

POM (Program Objective Memorandum) FY-85 BP 1500 cost growth and leadtime adjustments. Research results  
[AD-A128522] p 654 N83-32667

## INVERSIONS

Net-skirt addition to a parachute canopy to prevent inversion  
p 428 N83-36911

## INVESTMENT CASTING

High-strength aluminum high-quality casting alloy in aeronautics and astronautics p 468 N83-33955  
Casting critical components — investment casting [NEL-681] p 218 N83-13294  
New developments in aluminum and titanium investment castings p 178 N83-15438

## INVISID FLOW

The use of an error index to improve numerical solutions for unsteady lifting airfoils p 178 N83-15281  
Applications of computational techniques in the design of ramjet engines p 418 N83-35828  
Evaluation of a surface panel method coupled with several boundary layer analyses  
[AIAA PAPER 83-0011] p 474 N83-36039  
Supersonic flow field analysis for a twin-engine aircraft model p 493 N83-37521  
Transonic Euler simulations by means of finite element explicit schemes  
[AIAA PAPER 83-1924] p 503 N83-39378  
Inviscid drag calculations for transonic flows  
[AIAA PAPER 83-1928] p 503 N83-39380  
On the numerical solution of head-on vehicle shock-planar incident shock interaction flow p 659 N83-44556  
An implicit lambda scheme — for transonic inviscid flow simulation p 660 N83-45581  
Three dimensional inviscid computation of an impeller flow  
[ASME PAPER 83-GT-210] p 714 N83-48011  
Numerical simulation of inviscid compressible flow through two-dimensional cascade by finite area method [NAL-TR-709] p 217 N83-12348  
Finite difference calculation of an inviscid transonic flow over oscillating airfoils p 191 N83-16292  
[RAE-TRANS-2087]  
Survey of transonic flow research in China  
[AD-A122788] p 315 N83-20923  
Flow properties of slotted-wall test sections p 347 N83-20963  
Aeroelastic loads prediction for an arrow wing Task 3 Evaluation of the Boeing three-dimensional leading-edge vortex code p 377 N83-24479  
[NASA-CR-3842]  
Finite difference calculation of an inviscid transonic flow over oscillating airfoils p 426 N83-25677  
[AD-A123982]  
Aircraft aerodynamic prediction method for V/STOL transition including flow separation  
[NASA-CR-168467] p 426 N83-26818  
Experimental and analytical studies of a true airspeed sensor  
[NASA-CR-165704] p 530 N83-27989

## ION IMPLANTATION

Ion implanting bearing surfaces for corrosion resistance  
[ASME PAPER 82-LUB-23] p 209 N83-13512

## IONIZATION

Reduction of aerodynamic drag Torsion disc viscometry  
[AD-A117859] p 10 N83-10020

## IONOSPHERE

Heater-generated intermediate-scale irregularities. Spatial distribution and spectral characteristics  
[AD-A120866] p 302 N83-20048  
(?) The Air Force Geophysics Laboratory: Aeronomy, aerospace instrumentation, space physics, meteorology, terrestrial sciences and optical physics  
[AD-A126004] p 787 N83-36570

## IPAD

Structures and Dynamics Division Research and technology plans for FY 1983 and accomplishments for FY 1982  
[NASA-TM-85661] p 648 N83-32095

## IRON ALLOYS

Overspeed and overtemperature tests and dissection examination of the turbine discs made of a iron-nickel base superalloy p 185 N83-15261  
Coarsening and solutioning of precipitates in superalloys  
[NLR-TR-81114-U] p 404 N83-23422  
Preliminary science report on the directional solidification of hypereutectic cast iron during KC-135 low-G maneuvers  
[NASA-TM-82528] p 470 N83-25854

## IRREGULARITIES

Heater-generated intermediate-scale irregularities. Spatial distribution and spectral characteristics  
[AD-A120866] p 302 N83-20048

## ISENTROPIC PROCESSES

Condensation studies in cryogenic nitrogen expansions p 465 N83-25720

## ISOPARAMETRIC FINITE ELEMENTS

Anisotropic beam theory and applications p 65 N83-12756  
Three-dimensional elastoplastic finite element analysis p 300 N83-26767

## ISOTHERMAL FLOW

A study of transverse turbulent jets in a cross flow — for gas turbine combustion process modelling p 42 N83-13100

## ISOTHERMAL PROCESSES

Isothermal gradient heat-pipes space furnace (500 to 1000 deg C) p 633 N83-31659

## ISOTROPIC TURBULENCE

Noise of a model helicopter rotor due to ingestion of isotropic turbulence p 190 N83-18397

## ITERATION

Preliminary evaluation of the basic experimental active Beacon Collision Avoidance System (BCAS)  
[DOT/FAA/RD-82/67] p 188 N83-12058  
Blade design with a finite element method p 283 N83-19040  
Numerical simulation of an electrothermal deicer pad [NASA-CR-168097] p 380 N83-23281  
A note on adaptive wind tunnels with imperfect control p 466 N83-26792  
Subsonic panel method for designing wing surfaces from pressure distribution p 528 N83-29198  
Wall interference correction improvements for the ONERA main wind tunnels p 690 N83-33908  
[NASA-TM-76971]

# J

## J-79 ENGINE

Comparison-effects of broadened property jet fuels on older and modern J79 combustors  
[ASME PAPER 83-GT-81] p 739 N83-47934

## JACOBI MATRIX METHOD

On an algorithm for solving the incomplete eigenvalue problem in the vibration analysis of complex structures of fuselage type p 354 N83-29278

## JAGUAR AIRCRAFT

Flight clearance of the Jaguar fly by wire aircraft. I p 675 N83-45845  
Flight clearance of the Jaguar-fly-by-wire aircraft. II p 687 N83-45846  
Induced transients in a simulated lightning test of the fly-by-wire Jaguar aircraft p 586 N83-31196  
Lightning protection design and lightning threat flight clearance of a fly-by-wire flight control system for an unstable aircraft p 629 N83-31234

## JAMMING

New threat simulator /NETS/ a multi-sensor R & D tool for EW development p 56 N83-11238  
ASJP update counters the changing threat — Airborne Self-Protection Jammer System p 140 N83-16866  
Positioning of jamming aircraft using the integrated refractive effects prediction system  
[AD-A125644] p 560 N83-28308  
USAF (United States Air Force) avionics master plan [AD-A125819] p 531 N83-29205  
Jam resistant communications systems techniques [AD-A126217] p 563 N83-29579

## JAPAN

Transactions of the Japan Society for Aeronautical and Space Sciences, Vol 25, No 68  
[ISSN-0549-3811] p 766 N83-36396  
A structural-ceramic research program A preliminary economic analysis  
[DE83-014263] p 766 N83-36499

## JET AIRCRAFT

Existing time limit for overwater operations - Its validity p 189 N83-13170  
Long-range Falcon - Flight-test Dassault Falcon 50 p 151 N83-18074  
The MCA method, a flight test technique to determine the thrust of jet aircraft in flight — Mass Consumption Acceleration p 202 N83-18681  
Computer-enhanced analysis of a jet in a cross stream p 228 N83-19804  
The application of a sub-scale flight demonstrator as a cost effective approach to aircraft development p 328 N83-29395  
Large jet aircraft validation and demonstrations - An overview of Boeing experience  
[AIAA PAPER 83-1049] p 439 N83-36472

# JET AIRCRAFT NOISE

Optimal turning climb-out and descent of commercial jet aircraft  
[SAE PAPER 821468] p 519 N83-37999  
Propulsion system integration as applied to business jet aircraft  
[ASME PAPER 83-GT-227] p 725 N83-48024  
Low-altitude wind measurements from wide-body jet transports  
[NASA-TM-84538] p 15 N83-10024  
The use of laterally vectored thrust to counter thrust asymmetry in a tactical jet aircraft  
[NASA-CR-166047] p 170 N83-15319  
Oceanic Area System Improvement Study (OASIS) Volume 10 North Atlantic, Central East Pacific, and Caribbean regions aviation traffic forecasts  
[FAA-EM-81-17-VOL-10] p 201 N83-16322  
Fuel/engine/airframe trade-off study: Operational effects of increased freeze point fuels  
[AD-A121688] p 351 N83-21169  
LC Science Tracer Bullet. Jet engines and jet aircraft [TB-82-5] p 537 N83-29207  
Engine Handling  
[AD-A129168] p 540 N83-29241  
Study of an automatic trajectory following control system  
[NASA-CR-166121] p 547 N83-29271  
Installation, validation and flight evaluation of the Federal Aviation Administration's head-up display system  
[NASA-TM-85255] p 610 N83-30412  
P-static flight evaluation of a large jet aircraft p 588 N83-31230  
Longitudinal aerodynamic characteristics of a wing-winglet model designed at M = 0.8, C sub L = 0.4 using linear aerodynamic theory  
[NASA-CR-172186] p 666 N83-33854

## JET AIRCRAFT NOISE

Jet noise and the effects of jet forcing p 72 N83-10898  
Prediction of jet exhaust noise on airframe surfaces during low-speed flight p 198 N83-13160  
Flight test of the 747-JT9D for airframe noise p 189 N83-13163  
Selected results from the quiet short-haul research aircraft flight research program p 189 N83-13165  
Aeroacoustical characteristics of a mechanical noise suppressor in a nozzle configuration with a central tailcone p 222 N83-13590  
Length and time scales relevant to sound generation in excited jets p 222 N83-15298  
On the radially non-compact source model for subsonic jet noise p 190 N83-16929  
Effect of excitation on coaxial jet noise p 237 N83-19811  
Screech suppression in supersonic jets p 237 N83-19814  
Radiation from a double layer jet — aerodynamic noise p 237 N83-20364  
Ground effects on aircraft noise for a wide-body commercial airplane p 305 N83-24034  
An improved jet noise scaling law which incorporates phase differences due to flight effects  
[AIAA PAPER 83-0747] p 307 N83-25949  
Tone generation by rotor-downstream strut interaction  
[AIAA PAPER 83-0767] p 280 N83-25957  
Prediction of high bypass ratio engine static and flyover jet noise  
[AIAA PAPER 83-0773] p 281 N83-25958  
Porous-plug flowfield mechanisms for reducing supersonic jet noise  
[AIAA PAPER 83-0774] p 281 N83-25959  
Friction drag and other design parameters for acoustic face sheets — for aircraft noise reduction  
[AIAA PAPER 83-0780] p 307 N83-25962  
Analysis of jet-airframe interaction noise  
[AIAA PAPER 83-0783] p 264 N83-25964  
Flight effects for jet-airframe interaction noise  
[AIAA PAPER 83-0784] p 264 N83-25965  
Nearfield observations of tones generated from supersonic jet flows  
[AIAA PAPER 83-0706] p 308 N83-26449  
A compact inflow control device for simulating flight fan noise  
[AIAA PAPER 83-0680] p 365 N83-28005  
Coaxial supersonic jet-flows, shock structure and related problems with noise-suppression assessment and prediction  
[AIAA PAPER 83-0707] p 366 N83-28011  
Model and full-scale studies of the exhaust noise from a bypass engine in flight  
[AIAA PAPER 83-0751] p 337 N83-28019  
Aircraft noise and the airport community  
[AIAA PAPER 83-1580] p 409 N83-33352  
Method for calculating jet noise in the presence of a shielding surface p 570 N83-37253

- Determination of the equivalent noise level contour for a passenger jet aircraft over a place in the case of quasi-steady flight regimes p 570 A83-37535
- A study of the distribution of the noise source strengths in coaxial double jet p 570 A83-37570
- Experimental methods in compressor noise studies [ONERA, TP NO 1983-79] p 769 A83-48194
- Model test and full-scale checkout of dry-cooled jet runup sound suppressors p 753 A83-48217
- Noise generation by a low-Mach-number jet p 769 A83-49462
- Analysis of the effects of explosive fuel ignition on an aircraft noise suppressor system p 43 N83-10247
- Tone-excited jet. Theory and experiments [NASA-CR-3538] p 222 N83-12968
- Experiments on high bypass internal mixer nozzle jet noise [NASA-TM-83020] p 191 N83-16152
- Comparison of forward flight effects theory of A. Michalke and U. Michel with measured data [NASA-CR-3665] p 238 N83-17239
- USAF Environmental Noise Data Handbook Volume 150 C-140 in-flight crew noise [AD-A120508] p 238 N83-17246
- A reappraisal of transport aircraft needs 1985 - 2000
- Perceptions of airline management in a changing economic, regulatory, and technological environment [NASA-CR-165887] p 249 N83-18701
- Comparison of measured and predicted flight effects on high-bypass coaxial jet exhaust noise [NASA-TM-83347] p 368 N83-23115
- Estimating regression coefficients from clustered samples Sampling errors and optimum sample allocation [NASA-CR-166117] p 412 N83-25496
- A compact inflow control device for simulating flight fan noise [NASA-TM-83349] p 482 N83-26643
- JT150 1/2-scale nozzle jet noise experiment and comparison with prediction [NASA-TM-83370] p 482 N83-27793
- AICUZ (Air Installation Compatible Use Zone) report [AD-A124974] p 483 N83-27801
- Experimental and analytical studies of shielding concepts for point sources and jet noise [UTIAS-268] p 571 N83-28983
- Estimation of lateral attenuation of air-to-ground jet or turbofan aircraft noise in one-third octave bands [ESDU-82027] p 706 N83-33680
- Investigation of jet-installation noise sources under static conditions [NASA-TP-2181] p 706 N83-33684
- Noise suppressor for turbo fan jet engines [NASA-CASE-ARC-10812-1] p 685 N83-33884
- Residents' annoyance responses to aircraft noise events [NASA-TP-2121] p 707 N83-34713
- JET BLAST EFFECTS**
- Advisory circular Airport design standards Transport airports [FAA-AC-150/5300-12] p 548 N83-28005
- JET CONTROL**
- A limited study of thrust vector control with guide vanes and jet rudder [FOA-C-20455-E3] p 221 N83-16386
- JET ENGINE FUELS**
- The effect of additive compositions on the oxidation stability of T-6 fuel p 58 A83-10458
- Fuel property effects on Air Force gas turbine engines - Program genesis p 59 A83-10653
- Impacts of broadened-specification fuels on aircraft turbine engine combustors p 59 A83-10655
- A carbon-13 and proton nuclear magnetic resonance study of some experimental referee broadened-specification /ERBS/ turbine fuels p 59 A83-11482
- The effect of the jet fuel temperature on wear rates during the friction of sliding and rolling p 210 A83-16145
- Effects of envelope flames on drop gasification rates in turbulent diffusion flames p 222 A83-19846
- Fuel for future transport aircraft p 222 A83-20082
- A rapid method for determining the initial boiling point and the saturated-vapor pressure of petroleum products --- jet fuel tests in railroad tank cars p 229 A83-20962
- Sooting tendency of fuels containing polycyclic aromatics in a research combustor p 225 A83-23138
- Future fuels for turbojet engines and their impacts on combustion chambers and fuel systems [DGLR PAPER 82-089] p 295 A83-24201
- The removal of metals from a jet fuel using a manganese catalyst p 350 A83-28775
- Jet fuels based on West Siberian oils p 403 A83-32077
- The effect of products based on higher fatty acids on the performance characteristics of jet fuels p 468 A83-34500
- Operational effects of increased freeze point fuels in military airplanes [AIAA PAPER 83-1139] p 550 A83-38077
- Rheological behavior of FM-9 solutions and correlation with flammability test results and interpretations --- fuel thickening additive p 691 A83-44856
- Comparison-effects of broadened property jet fuels on older and modern J79 combustors [ASME PAPER 83-GT-81] p 739 A83-47934
- Use of pyrolysis-derived fuel in a gas turbine engine [ASME PAPER 83-GT-96] p 755 A83-47942
- Monitoring the contamination of jet fuels by corrosion inhibitors p 757 A83-48544
- Refining of military jet fuels from shale oil Part 1 Preliminary process design, economic and yield optimization, and computer modeling [AD-A117511] p 60 N83-10210
- An exploratory research and development program leading to specifications for aviation turbine fuel from whole crude shale oil Part 4 Production of samples of military fuels from raw shale oils [AD-A117526] p 60 N83-10211
- Recent trends in aviation turbine fuel properties [NASA-TP-2058] p 61 N83-11340
- Antimisting kerosene atomization and flammability [NASA-CR-169385] p 211 N83-12246
- Functional characteristics and heat transfer of antimisting fuels in tubes [NASA-CR-169388] p 211 N83-12248
- Analytical techniques for aromatic components in aircraft fuels [AD-A118838] p 211 N83-12252
- The effect of additives on the aerosolization of JP-5 jet fuel [AD-A119324] p 178 N83-14294
- Evaluation of ultraviolet spectrophotometry for simultaneous analysis of alkylbenzenes, alkylnaphthalenes, alkylnaphthalenes/phenanthrenes and total aromatics in mid-distillate fuels [NASA-TM-83032] p 179 N83-15483
- Experimental and analytical determination of gear tooth temperatures with oil jet lubrication p 185 N83-15530
- Anti-misting additives for jet fuels [NASA-CR-169751] p 225 N83-16417
- Viscometric and misting properties of polymer-modified fuel [NASA-CR-169750] p 226 N83-16543
- Potential fuel savings through improved airframe maintenance p 188 N83-17456
- Fuels research studies at NASA Lewis [NASA-TM-83003] p 297 N83-19921
- Fuel/engine/airframe trade-off study Operational effects of increased freeze point fuels [AD-A121688] p 351 N83-21169
- Correlation of flammability test data of antimisting fuels [FAA-CT-82-29] p 352 N83-22441
- Analytical fuel property effects, small combustors, phase 1 [NASA-CR-168138] p 404 N83-23464
- Emergency fuels technology [AD-A125275] p 471 N83-25904
- High altitude jet fuel photochemistry [AD-A125035] p 471 N83-27035
- Thermodynamics of organic compounds [AD-A125022] p 483 N83-27895
- An experimental investigation of the combustion behavior of solid fuel ramjets [AD-A127165] p 637 N83-30555
- Restartable high power gas generator [AD-A127291] p 646 N83-31022
- Characterization and degradation studies on synthetic polymers for aerospace application [NASA-CR-172996] p 698 N83-33014
- Correlation of flammability test data on antimisting fuels [AD-A127142] p 694 N83-34068
- Refining of military jet fuels from shale oil Volume 3, part 2 Above ground shale oil process data [AD-A128635] p 758 N83-35162
- Refining of military jet fuels from shale oil, part 2, volume 2 (in situ shale oil process data) [AD-A129031] p 759 N83-36248
- Refining of military jet fuels from shale oil Part 3 Pilot plant sample preparation [AD-A128722] p 759 N83-36249
- JET ENGINES**
- ASTF test instrumentation system detail design --- Aeropropulsion System Test Facility p 54 A83-11059
- Effects of cobalt in nickel-base superalloys p 223 A83-21467
- Jet engines for airliners of the next generation [DGLR PAPER 82-069] p 274 A83-24183
- Development trends regarding jet engines for future combat aircraft [DGLR PAPER 82-072] p 275 A83-24186
- PW4000 uses JT9D, new technology p 281 A83-26072
- Residual life prediction for jet engine rotor disks at elevated temperature p 472 A83-33974
- Effect of humidity on jet engine axial-flow compressor performance p 448 A83-35856
- Deterioration trending enhances jet engine hardware durability assessment and part management [AIAA PAPER 83-1234] p 453 A83-36297
- CARS temperature and species measurements in augmented jet engine exhausts --- Coherent Anti-Stokes Raman Spectroscopy [AIAA PAPER 83-1294] p 455 A83-36328
- Application of numerical methods to the calculation of the characteristics of supersonic and hypersonic jet-engine air intakes p 494 A83-37532
- Nonsynchronous whirrs of the turbine rotor in aerojet engines p 615 A83-43694
- GATOR-GARD applied coatings extend service lives of critical aerospace components [SAE PAPER 820611] p 696 A83-45869
- Tried and proven engine technology A vital key to improving airline economics [PNR-90112] p 44 N83-11134
- The fuel efficient jet engine [PNR-90114] p 45 N83-11136
- Research and development of lift-jet engine, 1 --- v/stol aircraft [NAL-TR-699] p 200 N83-12084
- Research and development of lift-jet engine, 2 [NAL-TR-700] p 200 N83-12085
- Prediction of sound radiation from different practical jet engine inlets [NASA-CR-169533] p 223 N83-13936
- Material characterization Part B Mechanical properties of 2 metal matrix composite materials [AD-A119829] p 225 N83-16402
- The JT9D Jet Engine Diagnostics Program [NASA-CR-167966] p 214 N83-17544
- Erosion of protective compressor coatings [NLR-MP-87067-U] p 228 N83-17716
- Turbine blade cooling in aeroengines p 282 N83-18739
- Application of the finite element method to the solution of transient two-dimensional temperature field for air-cooled turbine blade p 301 N83-18958
- Experimental investigation of simulating impingement cooling of concave surfaces of turbine airfoils p 283 N83-18960
- BASIC Data Manipulation And Display System (BDMADS) [NASA-TM-83328] p 305 N83-19496
- Tone generation by rotor-downstream strut interaction [NASA-TM-83330] p 283 N83-19754
- A failure diagnosis methodology --- jet aircraft engines p 304 N83-20232
- Alternatives for jet engine control [NASA-CR-170100] p 338 N83-20945
- Alternatives for jet engine control [NASA-CR-170233] p 393 N83-23305
- A simple propulsion system model for the simulation of nonlinear dynamic thrust response [NASA-TM-77053] p 393 N83-23310
- Roughness effects on compressor outlet guide vanes at high Reynolds Number and high turning angle [AD-A124688] p 395 N83-24511
- Analysis of strain gage reliability in F-100 jet engine testing at NASA Lewis Research Center [NASA-TM-83325] p 408 N83-24829
- LC Science Tracer Bullet Jet engines and jet aircraft [TB-82-5] p 537 N83-29207
- Dilution jet experiments in compact combustor configurations p 538 N83-29218
- Effects of intake flow distortion on engine stability p 542 N83-29257
- Improving the accuracy of thermocouple temperature measuring circuits --- jet engines [PNR-90148] p 563 N83-29670
- Fundamental investigation of jet engine ignition of fuel sprays and its application p 693 N83-32734
- Real-time simulation of jet engines with digital computer 1 Fabrication and characteristics of the simulator [NASA-TM-77081] p 684 N83-32809
- Sensor failure detection for jet engines [NASA-CR-168190] p 699 N83-33182
- JET EXHAUST**
- Theory of resistance interference of airfoil wings and engine exhaust p 188 A83-19667
- Conventional profile coaxial jet noise prediction p 237 A83-22128



CARS temperature and species measurements in augmented jet engine exhausts — Coherent Anti-Stokes Raman Spectroscopy  
[AIAA PAPER 83-1294] p 455 A83-36328

Definition of vectored nonaxisymmetric nozzle plumes — for aircraft thrust vector control  
[AIAA PAPER 83-1290] p 423 A83-36924

The Coanda/refraction concept for gas turbine engine test cell noise suppression  
[SAE AIR 1813] p 547 A83-38105

Comparison of measured and predicted flight effects on high-bypass coaxial jet exhaust noise  
[NASA-TM-83347] p 368 N83-23115

Investigation of jet-installation noise sources under static conditions  
[NASA-TP-2181] p 706 N83-33684

# JET FLAPS

Flight test of the 747-JT9D for airframe noise  
p 189 A83-13163

Jet wing vortex lattice theory with nonlinear wake and tip flows  
[AIAA PAPER 83-0263] p 133 A83-18619

Progress towards a theory of jet flap thrust recovery  
[AIAA PAPER 83-0079] p 153 A83-19579

Aerodynamic characteristics of a circulation controlled elliptical airfoil with blown jets  
[AIAA PAPER 83-1794] p 497 A83-38633

The application of parameter estimation to flight measurements to obtain lateral-directional stability derivatives of an augmented jet-flap STOL airplane  
[NASA-TP-2033] p 216 N83-16350

On the prediction of the lateral/directional characteristics of distributed jet STOL configurations  
[AD-A128902] p 688 N83-33905

# JET FLOW

Noise and flow structure of a tone-excited jet  
p 221 A83-13136

Transverse jet break-up and atomization with rapid vaporization along the trajectory  
[AIAA PAPER 83-0419] p 161 A83-16702

Panel jets II - A problem of hypersustentation — upper surface blowing  
p 136 A83-19412

The distribution of the disperse fraction of a polydisperse jet injected into a gas flow  
p 473 A83-34472

A study of the distribution of the noise source strengths in coaxial double jet  
p 570 A83-37570

Surface pressures induced on a flat plate with in-line and side-by-side dual jet configurations  
[AIAA PAPER 83-1849] p 500 A83-38677

Evaluation Report AGARD Fluid Dynamics Panel Symposium on Fluid Dynamics of Jets with Application to V/STOL  
[AGARD-AR-187] p 67 N83-10403

Tone-excited jet. Theory and experiments  
[NASA-CR-3538] p 222 N83-12968

Self resonating pulsed water jets for aircraft coating removal Feasibility study  
[AD-A119114] p 218 N83-13292

Analytical calculation of a single jet in crossflow and comparison with experiment  
[NASA-TM-83027] p 163 N83-14127

Experimental investigation of thrust augmenting ejectors using vane excited primary jets  
[AD-A120424] p 167 N83-15313

Viscous flowfields induced by three-dimensional lift jets in ground effect  
[AD-A121026] p 301 N83-19062

An assessment of factors affecting prediction of near-field development of a subsonic VSTOL jet in cross-flow  
[AD-A124583] p 441 N83-25699

Influence of a large free stream disturbance level on dynamics of a jet in a cross flow  
p 562 N83-29217

Analytical calculation of a single jet in cross-flow and comparison with experiment  
p 538 N83-29219

Jet scaling effects in a USB propulsive lift configuration  
p 662 N83-32744

# JET IMPINGEMENT

Analysis of jet-airframe interaction noise  
[AIAA PAPER 83-0783] p 264 A83-25964

Characteristics of the ground vortex developed by various V/STOL jets at forward speeds  
[AIAA PAPER 83-2494] p 717 A83-49585

Experimental and analytical determination of gear tooth temperatures with oil jet lubrication  
p 185 N83-15530

Aircraft forces due to interference between a jet efflux and a slotted flap — jet impingement on wings for lift augmentation  
[ESDU-82034] p 664 N83-32768

# JET LIFT

Conceptual design, evaluation and research identification for Remote Augmented Propulsive Lift Systems (RALS) with ejectors for VTOL aircraft  
[NASA-CR-167906] p 202 N83-13103

# JET MIXING FLOW

On the shock cell structure and noise of supersonic jets  
[AIAA PAPER 83-0703] p 306 A83-25923

Profile losses during the release of air onto the surface of nozzle vanes  
p 418 A83-35590

The relationship between the aerodynamic and acoustic characteristics of coaxial jets  
p 482 A83-35712

Edge tones in high-speed flows and their application to multiple-jet mixing  
p 482 A83-36077

Experiments in dilution jet mixing  
[AIAA PAPER 83-1201] p 475 A83-36277

Mixing and fuel atomisation effects on premixed combustion performance  
[ASME PAPER 83-GT-55] p 738 A83-47911

Dilution zone mixing  
p 562 N83-29216

# JET NOZZLES

Porous-plug flowfield mechanisms for reducing supersonic jet noise  
[AIAA PAPER 83-0774] p 281 A83-25959

# JET PROPULSION

Flight/propulsion control system integration  
[AIAA PAPER 83-1238] p 453 A83-36301

Jet-propulsion of subsonic bodies with jet total-head equal to free stream's  
[AIAA PAPER 83-1790] p 535 A83-38630

Some historical trends in the research and development of aircraft  
[NASA-TM-84665] p 417 N83-26785

A collection of papers in the aerospace sciences  
[AD-A122667] p 417 N83-26787

# JET THRUST

The measurement of impulsive forces on a wind tunnel model with a conventional strain gage balance  
p 55 A83-11069

Progress towards a theory of jet flap thrust recovery  
[AIAA PAPER 83-0079] p 153 A83-19579

# JET VANES

Aerodynamics propulsion and longitudinal control requirements for a tilt nacelle V/STOL with control vanes submerged in the nacelle slipstream  
[AIAA PAPER 83-2513] p 728 A83-48357

Energy efficient engine high-pressure turbine single crystal vane and blade fabrication technology report  
[NASA-CR-165400] p 616 N83-30429

# JETTISON SYSTEMS

Explosively activated egress area  
[NASA-CASE-LAR-12624-1] p 713 N83-35992

# JETTISONING

An analysis of the fatality rate data from 'jettison-canopy' and 'through-the-canopy' ejections from automated airborne escape systems  
p 182 A83-15403

Preliminary generalized thoughts concerning jettisoned vs through-the-canopy ejection escape systems  
p 182 A83-15406

AH-1 Air Ground Engagement Simulation/air defense (AGES/ADES) pod jettison evaluation  
[AD-A122623] p 332 N83-20939

# JOINTS (JUNCTIONS)

The design of bonded structure repairs  
p 297 A83-23329

Design, fabrication and test of graphite/polyimide composite joints and attachments  
[AIAA 83-0907] p 355 A83-29763

Interaction of a sunk bolt with parts of a single-shear joint in conditions of radial tension  
p 557 A83-37517

Fatigue of composite bolted joints under dual load levels  
p 559 A83-40158

Strength tests of CFRP joint assembly models for tailplane structure  
p 559 A83-40159

The comparison of the results of service-spectrum tests with the help of the relative Miner rule — fatigue life analysis of aircraft structures  
p 559 A83-40471

Effects of anomalous rotor joints on turbomachine dynamics  
[ASME PAPER 83-GT-175] p 761 A83-47974

Brazing of silicon nitride  
p 756 A83-48286

The influence of water-displacing organic corrosion inhibitors on the fatigue behaviour of 2024-T3 alclad aluminum alloy bolted joints  
[ARL-STRUC-REPORT-390] p 61 N83-11281

Longitudinal joint systems in slip-formed rigid pavements. Volume 5. Summary of field test results from Chicago O'Hare International Airport  
[FAA-RD-79-4-5] p 293 N83-19762

Frangible microwave landing system (inverted azimuth waveguide array configuration)  
[DOT/FAA/RD-82/88] p 324 N83-20927

Design and fabrication of realistic adhesively bonded joints  
[NASA-CR-166099] p 408 N83-24876

Joining advanced fibre composites  
p 636 N83-30531

Adhesive layer thickness and porosity criteria for bonded joints  
[AD-A129817] p 759 N83-36227

Fatigue behavior of adhesively bonded joints  
[NASA-CR-174458] p 766 N83-36509

# JOURNAL BEARINGS

A note on rotor-bearing stability  
p 298 A83-23706

High-speed floating-ring bearing test and analysis  
[ASLE PREPRINT 83-AM-3E-2] p 643 A83-43337

An investigation into the effect of side-plate clearance in an uncentralized squeeze-film damper  
[ASME PAPER 83-GT-176] p 761 A83-47975

Service evaluation of airborne tire pressure indicating systems  
[DOT/FAA/RD-82/89] p 331 N83-20934

# JP-4 JET FUEL

Flight testing with hot JP-4 fuel — in helicopter suction fuel systems  
p 277 A83-24831

Environmental quality research Fate of toxic jet fuel components in aquatic systems  
[AD-A122548] p 351 N83-21168

The chemical and physical properties of JP-4 for 1980 - 1981  
[AD-A122965] p 404 N83-23469

Aviation turbine fuels, 1981  
[DE82-015870] p 404 N83-23478

Coaxial dump combustor investigations  
p 459 N83-26791

Sublethal effects of JP-4 on *Lepomis macrochirus*  
[AD-A128618] p 758 N83-35163

Aviation turbine fuels, 1982  
[DE83-010848] p 758 N83-35165

# JP-5 JET FUEL

Aviation turbine fuels, 1981  
[DE82-015870] p 404 N83-23478

Aviation turbine fuels, 1982  
[DE83-010848] p 758 N83-35165

# K

# KALMAN FILTERS

Variable dimension filter for maneuvering target tracking  
p 189 A83-19033

Self-adaptive filters for the integration of navigation data  
p 268 A83-23374

Flight tests of integrated navigation by least squares adjustment  
p 256 A83-24871

Estimation and prediction for maneuvering target trajectories  
p 257 A83-26261

Multiconfiguration Kalman filter design for high-performance GPS navigation  
p 257 A83-26262

Nonlinear Kalman filtering techniques for terrain-aided navigation  
p 257 A83-26263

Application of multiple model estimation to a recursive terrain height correlation system  
p 257 A83-26264

An integrated multisensor aircraft track recovery system for remote sensing  
p 257 A83-26266

Terrain profile matching for missile guidance  
p 321 A83-28164

The extended Kalman filter and its use in estimating aerodynamic derivatives  
p 340 A83-28183

Integrated GPS, DILMS, and radar altimeter measurements for improved terrain determination  
p 324 A83-29212

Identification of helicopter rotor dynamic models  
[AIAA 83-0988] p 330 A83-29866

Estimation enhancement by trajectory modulation for homing missiles  
p 511 A83-37135

Nonlinear generalized likelihood ratio algorithms for maneuver detection and estimation  
p 511 A83-37136

Kalman filter formulations for transfer alignment of strapdown inertial units  
p 569 A83-40303

New target models for homing missile guidance  
[AIAA PAPER 83-2166] p 590 A83-41662

Filtering flight data prior to aerodynamic system identification  
[AIAA PAPER 83-2098] p 597 A83-41928

Autonomous radar tracking system based on optimal filtering theory  
p 592 A83-43696

A Kalman filter algorithm for terminal-area navigation with sensors of moderate accuracy  
p 670 A83-45460

Post-flight compensation for a master navigator error  
p 673 A83-46966

Comparison of simple position resets and Kalman filter position updates for correcting inertial navigation system errors  
p 673 A83-46967

Comparative analysis of the efficiency of practical realizations of the Kalman algorithm — for microwave landing systems  
p 735 A83-48518

Integrated navigation systems for aircraft  
p 723 A83-48735

A sensitivity analysis of the Kalman filter as applied to an inertial navigation system  
[AD-A119623] p 147 N83-14101

Software optimization for array processors An AP-120B Kalman filter  
[AD-A119221] p 189 N83-14973

## L

Development and evaluation of a Kalman-filter algorithm for terminal area navigation using sensors of moderate accuracy

[NASA-TP-2035] p 515 N83-29193

Sensor failure detection for jet engines

[NASA-CR-168190] p 699 N83-33182

## KAPTON (TRADEMARK)

Velocity perturbation of a flyer approaching a rigid impermeable barrier and the transmitted pressure pulse

[DE83-007770] p 632 N83-30443

## KEELS

How to improve air cushion vehicle performance with VUMP equipped wave-forming keels --- Vent-pump

p 484 A83-34855

## KEROSENE

Investigation of slurry fuel performance for use in a ramjet propulsor

p 223 A83-21014

Degradation and characterization of antimisting kerosene

p 294 A83-24035

Effective generalized conductivity of three-phase cellular systems --- with kerosene-air-water fuel mixture example

p 367 A83-29270

Feasibility of a full-scale degrader for antimisting kerosene

[AIAA PAPER 83-1137] p 469 A83-36240

Testing of antimisting kerosene in the DC-10/KC-10 fuel system simulator

[SAE PAPER 821485] p 550 A83-38004

Antimisting kerosene atomization and flammability

[NASA-CR-169385] p 211 N83-12246

Frictional characteristics and heat transfer of antimisting fuels in tubes

[NASA-CR-169388] p 211 N83-12248

Degradation and characterization of antimisting kerosene (AMK)

[MED-132] p 297 N83-19922

Compatibility study of antimisting kerosene and the DC/KC-10 fuel system

[FAA-CT-82-116] p 404 N83-23466

Influence of liquid water and water vapor on antimisting kerosene (AMK)

[NASA-CR-170280] p 404 N83-24711

Emergency fuels technology

[AD-A125275] p 471 N83-25904

Thermodynamics of organic compounds

[AD-A125022] p 483 N83-27895

## KEVLAR (TRADEMARK)

A production engineers view of advanced composite materials

p 59 A83-11800

First design details of the all-composite Lear Fan

p 383 A83-30829

Kevlar aramid as a fiber reinforcement with emphasis on aircraft

p 552 A83-40286

Flight service evaluation of composite helicopter components

[NASA-CR-165952] p 192 N83-12071

Flight service evaluation of composite components on Bell 206L and Sikorsky S-76 helicopters

[NASA-TM-84637] p 297 N83-19815

Composite materials on a commuter aircraft The ATR 42

[SNIAS-822-111-105] p 403 N83-23363

Unprotected radome lightning tests and implications to Kevlar airframe designs

p 587 N83-31208

Design, fabrication, installation and flight service evaluation of a composite cargo ramp skin on a model CH-53 helicopter

[NASA-CR-172126] p 693 N83-33955

Fatigue behavior of adhesively bonded joints

[NASA-CR-174458] p 766 N83-36509

## KINEMATIC EQUATIONS

Mechanism case studies VI

[ASME PAPER 82-DET-47] p 65 A83-12772

## KINEMATICS

First results for the definition of a general rotorcraft dynamic program

p 236 N83-17483

Review of rotor loads prediction methods

p 194 N83-17484

Preliminary kinematic consistency checking of helicopter flight data

[ARL/AERO-NOTE-414] p 678 N83-32794

## KINETIC ENERGY

Efficiency improved turboprop

[AIAA PAPER 83-0059] p 160 A83-16491

Analytical and experimental investigation of stator endwall contouring in a small axial-flow turbine 1 Stator performance

[NASA-TP-2023] p 43 N83-11125

Efficiency improved turboprop

[AD-A118819] p 202 N83-12096

## KUTTA-JOUKOWSKI CONDITION

Unsteady Kutta condition of a plunging airfoil

p 661 A83-46438

Considerations of the vorticity fields on wings

p 661 A83-46465

## L-1011 AIRCRAFT

The use of modal control to minimize errors in the analytical reconstruction of flight control sensor signals

p 46 A83-11210

Wake vortex attenuation flight tests - A status report

p 30 A83-11806

Fault isolation methodology for the L-1011 digital avionics flight control system

p 285 A83-24427

Static and damage tolerance tests of an advanced composite vertical fin for L-1011 aircraft

[AIAA 83-0970] p 328 A83-29780

Four-dimensional flight management using colour CRT displays

p 681 A83-44689

Advanced manufacturing development of a composite empennage component for L-1011 aircraft

[NASA-CR-172658] p 440 N83-25692

Advanced manufacturing development of a composite empennage component for L-1011 aircraft

[NASA-CR-172659] p 440 N83-25693

Advanced manufacturing development of a composite empennage component for L-1011 aircraft

[NASA-CR-172657] p 440 N83-25694

Advanced manufacturing development of a composite empennage component for L-1011 aircraft Phase 2 Design and analysis

[NASA-CR-165634] p 605 N83-30404

Advanced composite aileron for L-1011 transport aircraft Ground tests and flight evaluation

[NASA-CR-165664] p 606 N83-30405

Advanced composite aileron for L-1011 transport aircraft Design and analysis

[NASA-CR-165635] p 606 N83-30406

Advanced composite aileron for L-1011 transport aircraft Aileron manufacture

[NASA-CR-165718] p 635 N83-30522

Sonic fatigue testing of the NASA L-1011 composite aileron

p 607 N83-30796

## LABORATORIES

An integrated user-oriented laboratory for verification of digital flight control systems Features and capabilities

[NASA-TM-84276] p 47 N83-10048

Updating the MCAIR lightning simulation laboratory

p 632 N83-31223

## LABYRINTH SEALS

A study of the gas-dynamic efficiency of the labyrinth seals of gas-turbine engines with a profiled stator wall

p 615 A83-42153

Labyrinth seal forces on a whirling rotor

[NASA-CR-168016] p 339 N83-22198

The matrix of axial and radial plays The present situation and perspectives --- turbojet engines

p 541 N83-29253

## LAMINAR BOUNDARY LAYER

The two-dimensional laminar wake with initial asymmetry

p 581 A83-43454

Prediction of boundary-layer characteristics of an oscillating airfoil

p 660 A83-46435

A flight test of laminar flow control leading-edge systems

[AIAA PAPER 83-2508] p 727 A83-48356

Design integration of laminar flow control for transport aircraft

[AIAA PAPER 83-2440] p 731 A83-49577

Laminar boundary layers in the vicinity of the attachment line on wings and winglike bodies at incidence --- in three dimensions

[ESA-TT-752] p 505 N83-27966

## LAMINAR FLOW

Experiments on the role of amplitude and phase modulations during transition to turbulence

p 213 A83-14576

Developments in the NASA transport aircraft laminar flow program

[AIAA PAPER 83-0090] p 130 A83-16514

Water tunnel construction for continuous mode flow visualization

[AIAA PAPER 83-0657] p 172 A83-16821

Induced drag of a slender wing in a nonuniform stream

p 312 A83-28970

Natural laminar flow data from full-scale flight and wind-tunnel experiments

p 422 A83-36409

Flight investigation of natural laminar flow on the Bellanca Skyrocket II

[SAE PAPER 830717] p 599 A83-43326

Inertia effects of the dynamics of a disk levitated by incompressible laminar fluid flow

[ASME PAPER 83-GT-149] p 761 A83-47968

Chemical equilibrium laminar or turbulent three-dimensional viscous shock-layer flows

p 715 A83-48133

Noise generated by airfoil profiles placed in a uniform laminar flow

p 769 A83-49463

Flutter clearance of the horizontal tail of the Bellanca Skyrocket II airplane

[NASA-TM-84528] p 31 N83-10035

Evaluation of laminar flow control systems for subsonic commercial transport aircraft Executive summary

[NASA-CR-159252] p 216 N83-17551

Design and experimental results for a flapped natural-laminar-flow airfoil for general aviation applications

[NASA-TP-1865] p 581 N83-30386

## LAMINAR FLOW AIRFOILS

Drag reduction by means of pneumatic turbulators

[ESA-TT-743] p 505 N83-27965

## LAMINAR WAKES

The two-dimensional laminar wake with initial asymmetry

p 581 A83-43454

## LAMINATES

Bending vibrational behavior of laminated rotors --- German thesis

p 182 A83-18620

Graphite/epoxy material characteristics and design techniques for airborne instrument application

p 225 A83-22595

Fabrication of aircraft components using prepreg broadgoods layed-up in the flat and subsequently formed - Cost benefits and resource utilization enhancements

p 241 A83-23602

Fracture tough composites - The effect of toughened matrices on the mechanical performance of carbon fiber reinforced laminates

p 294 A83-23642

Surface notches in composites

p 294 A83-23931

Fracture behavior of hybrid composite laminates

[AIAA 83-0804] p 350 A83-29736

Effect of defect on the behaviour of composites

p 551 A83-40215

Observation of damage growth in compressively loaded laminates

p 692 A83-46810

Manufacturing processes for aeronautical structures

p 227 N83-17620

Impact-initiated damage in laminated composites

[AD-A122166] p 297 N83-19820

Transient heat flow along uni-directional fibers in composites

[AD-A122926] p 471 N83-26929

Standard tests for toughened resin composites, revised edition

[NASA-RP-1092-REV] p 638 N83-31730

Unsymmetric laminated graphite/epoxy composite plate and beam analysis for determining coefficients of thermal expansion

[AD-A126625] p 765 N83-35416

## LAND MANAGEMENT

Fresh look is needed at south Florida jetport

[GAO/CED-82-54] p 189 N83-14769

## LAND USE

Land development, tall buildings and airport operations

[AIAA PAPER 83-1581] p 398 A83-33353

Second National Conference on General Aviation Airport Noise and Land Use Planning Summary of proceedings

[PB82-218520] p 69 N83-11628

Airport community soundproofing and relocation study

[PB82-259144] p 220 N83-16358

Airport noise Land-use compatibility by the year 2000

[PB82-259151] p 220 N83-16359

Transportation Energy Conservation Through Land Use Planning

[PB83-148387] p 475 N83-25919

AICUZ (Air Installation Compatible Use Zone) report

[AD-A124974] p 483 N83-27801

## LANDFILLS

Development of the utilization of combustible gas produced in existing sanitary landfills Effects of corrosion at the Mountain View, California landfill gas-recovery plant

[DE83-001576] p 363 N83-22769

## LANDING

Handling qualities criteria for STOL flight path control for approach and landing

[AIAA PAPER 83-2106] p 625 A83-41935

The landing approach in variable winds Curved glidepath geometries and worst-case wind modeling

[UTIAS-254] p 26 N83-10028

An in-flight investigation of pilot-induced oscillation suppression filters during the fighter approach and landing task

[NASA-CR-163116] p 204 N83-13110

Chicago Monostatic Acoustic Vortex Sensing System Volume 4 Wake vortex decay

[AD-A120081] p 138 N83-15269

Time scheduling of a mix of 4D equipped and unequipped aircraft

[NASA-TM-84327] p 250 N83-19721

## LANDING AIDS

Helmet mounted display symbology for helicopter landing on small ships

p 196 A83-16134

- Lidar system for visibility monitoring p 406 A83-32449
- Simulated fan-beam radar imagery — use in assessing aircraft approach-to-landing paths p 559 A83-40302
- A new generation of navigation and landing aids for aviation p 722 A83-47188
- Coast Terminal Radar Approach Control Facility (TRACON) refurbishment p 186 N83-12060
- [DOT/FAA/RD-82/38]
- Instrument approach aids for helicopters p 187 N83-12061
- [FAA-RD-82-6]
- Instrument landing system localizer receiver performance in the presence of co-channel interference [AD-A118909] p 188 N83-13089
- Control logic for landing-abort autopilot mode [UTIAS-258] p 204 N83-13111
- Development of the precision approach path indicator light unit [RAE-TM-FS(B)-483] p 202 N83-17527
- Evaluation of Precision Approach Path Indicator (PAPI) [FAA-CT-82-153] p 383 N83-24495
- LANDING GEAR**
- Hydromechanical dynamics of aircraft landing gear p 153 A83-18925
- Serviceability evaluation of advanced composite F-14A main-landing-gear-strut doors and overwing fairings p 185 A83-20480
- Investigation of landing gear alternatives for high performance aircraft p 261 A83-24030
- Aircraft vehicle equipment improvements via microprocessors [SAE PAPER 820668] p 263 A83-25767
- Motion of the ski runners of an aircraft on soil I p 327 A83-29281
- Landing gear design handbook p 383 A83-30143
- Measuring and processing of undercarriage loading spectra of the L-39 aircraft p 383 A83-30513
- The response of aircraft to pulse excitation p 434 A83-34312
- From new technology development to operational usefulness B-36, B-58, F-111/FB-111 [AIAA PAPER 83-1046] p 415 A83-36459
- A crack growth fatigue life under spectrum loading p 643 A83-43692
- Safe structures for future aircraft p 676 A83-46350
- Operational loads at nose and main landing gear of an airplane of type Airbus A 300 B2 during normal service of the German Lufthansa [BMFT-FB-W-82-010] p 33 N83-11120
- Advanced rapid runway repair A stable and flush repaired runway surface p 175 N83-15287
- Predicted and measured landing gear loads for the NF-5 aircraft taxiing over a bumpy runway p 157 N83-15296
- Landing gear shock absorber development to improve aircraft operating performance on rough and damaged runways p 158 N83-15299
- A fighter landing gear for the 1980's p 158 N83-15301
- Aerospace safety advisory panel [NASA-TM-85220] p 248 N83-18697
- A study of analytic modeling techniques for landing gear dynamics [AD-A122312] p 267 N83-19745
- Application of tire dynamics to aircraft landing gear design analysis YAH-63 helicopter crashworthiness simulation and analysis [AD-A125642] p 510 N83-27970
- Structural response of transport airplanes in crash situations [NASA-TM-85654] p 527 N83-27980
- Application of active control landing gear technology to the A-10 aircraft [NASA-CR-166104] p 546 N83-27998
- Soft airfield test with F-4 aircraft [AD-A125393] p 548 N83-28008
- Short takeoff performance using a gravity assist ski jump [AD-A126456] p 679 N83-33879
- LANDING INSTRUMENTS**
- Improvement of the measurement system for the survey of class-II ILS installations p 670 A83-45401
- LANDING LOADS**
- Measuring and processing of undercarriage loading spectra of the L-39 aircraft p 383 A83-30513
- Operational loads at nose and main landing gear of an airplane of type Airbus A 300 B2 during normal service of the German Lufthansa [BMFT-FB-W-82-010] p 33 N83-11120
- Predicted and measured landing gear loads for the NF-5 aircraft taxiing over a bumpy runway [NLR-MP-82008-U] p 207 N83-17532
- Application of active control landing gear technology to the A-10 aircraft [NASA-CR-166104] p 546 N83-27998
- LANDING MATS**
- Proposed specifications for international interoperability on repaired bomb damaged runways p 175 N83-15286
- Advanced rapid runway repair A stable and flush repaired runway surface p 175 N83-15287
- Multiplication effects due to wages, salaries and commissions paid at the airport [FACHTHEMEN-4] p 400 N83-23323
- LANDING SIMULATION**
- Assessment of advanced fighter powered approach simulations [AIAA PAPER 83-0141] p 168 A83-16550
- Realistic 'feel' in flight simulators is based on precise control loading p 219 A83-23240
- Simulation evaluation of flight controls and display concepts for VTOL shipboard operations [AIAA PAPER 83-2173] p 575 A83-41668
- Application of Monte-Carlo techniques to the 757/767 autoland dispersion analysis by simulation [AIAA PAPER 83-2193] p 619 A83-41678
- Camber landing simulation results of precision flight path controllers in manual and automatic approach [AIAA PAPER 83-2072] p 592 A83-41909
- Evaluation of control and display configurations for helicopter shipboard operations [AIAA PAPER 83-2486] p 734 A83-48346
- Evaluation of g seat augmentation of fixed-base/moving base simulation for transport landings under two visually imposed runway width conditions [NASA-TP-2135] p 333 N83-22191
- Simulator design features for carrier landing Part 2 In-simulator transfer of training [AD-A124024] p 466 N83-25733
- LANDING SITES**
- Development of curves for estimating aircraft arresting hook loads [AD-A119551] p 156 N83-14119
- Soft airfield test with F-4 aircraft [AD-A125393] p 548 N83-28008
- Evaluation of design criterion of the strategic expeditionary landing field [AD-A128323] p 633 N83-31614
- LANDING SPEED**
- Instantaneous, predictable balloon system descent from high altitude p 524 A83-39808
- LANDMARKS**
- Intelligent control of tactical target cueing — by subsonic flight vehicles p 25 A83-12879
- LANDSAT 4**
- Experimental results of using the GPS for Landsat 4 onboard navigation p 672 A83-46963
- LAP JOINTS**
- Water-displacing organic corrosion inhibitors - Their effect on the fatigue characteristics of aluminum alloy bolted joints p 59 A83-12014
- Comparison of properties of joints prepared by ultrasonic welding and other means p 406 A83-32586
- On improving the fatigue performance of a double-shear lap joint p 473 A83-34744
- Elastic stresses in the adhesive in single step double lap bonded joints [ESDU-80011] p 699 N83-33190
- LAPLACE TRANSFORMATION**
- Impact damping and airplane towing p 428 A83-33625
- LARGE SCALE INTEGRATION**
- The use of production hardware for the development of control laws — LSI for engine control [ASME PAPER 83-GT-6] p 737 A83-47879
- Advanced avionics systems for multimission applications, volume 1 [AD-A121793] p 271 N83-19749
- LARGE SPACE STRUCTURES**
- Active vibration control of large flexible structures p 644 N83-30729
- LASER ALTIMETERS**
- Sidelooking laser altimeter for a flight simulator [NASA-CASE-ARC-11312-1] p 702 N83-34304
- LASER ANEMOMETERS**
- Optical methods of flow diagnostics in turbomachinery p 62 A83-11076
- Comparison between probe and laser measurements at the outlet of a centrifugal impeller p 299 A83-26418
- Estimation regarding the feasibility of using larger distances in measurements with L2F systems in flight tests — Laser-two-Focus p 300 A83-26487
- Some solutions to the problems and pitfalls of laser velocimetry in a large transonic wind tunnel p 348 A83-28832
- A version of a single-beam laser time-of-flight method for measuring flight velocity p 557 A83-37642
- DFVLR-remote slant visual range (SVR) and wind vector measuring systems p 565 A83-38750
- Methods of laser Doppler anemometry — Russian book p 559 A83-40605
- Some laser measurement techniques used in aero engine research [PNR-90118] p 68 N83-11486
- Initial findings during studies of the flow within a high speed impeller using a transit anemometer p 216 N83-12270
- Adaptation of laser velocimeters to various applications p 218 N83-12410
- LASER APPLICATIONS**
- Lasers in aviation — Russian book p 229 A83-20384
- Laser and millimeter-wave backscatter of transmission cables p 199 A83-22523
- Application of digital image analysis techniques to antismoking fuel spray characterization [ASME PAPER 82-WA/HT-23] p 295 A83-25690
- Nondestructive airfield pavement testing using laser technology [AIAA PAPER 83-1601] p 399 A83-33364
- Lasers in aircraft construction — Russian book p 472 A83-34170
- Airborne dual laser excitation and mapping of phytoplankton photopigments in a Gulf Stream Warm Core Ring p 648 A83-42210
- Lasers and avionic integration p 642 A83-42836
- Flow visualization by light sheet [ONERA, TP NO 1983-105] p 764 A83-49416
- Recent applications of a laser velocimeter in the Langley 4by 7-meter Wind Tunnel p 765 A83-50145
- Some laser measurement techniques used in aero engine research [PNR-90118] p 68 N83-11486
- Laser safety of air bathymetry [FOA-C-30292-E1] p 478 N83-27210
- LASER DOPPLER VELOCIMETERS**
- An analytical and experimental comparison of the flow field of an advanced swept turboprop [AIAA PAPER 83-0189] p 189 A83-21080
- Aerodynamic measurements about a rotating propeller with a laser velocimeter [AIAA PAPER 83-1354] p 421 A83-36355
- An assessment of flow-field simulation and measurement [AIAA PAPER 83-1721] p 555 A83-37210
- Methods of laser Doppler anemometry — Russian book p 559 A83-40605
- Initial findings during studies of the flow within a high speed impeller using a transit anemometer p 216 N83-12270
- Laser Doppler measurements in transparent pump impellers p 216 N83-12272
- Adaptation of laser velocimeters to various applications p 218 N83-12410
- An analytical and experimental comparison of the flow field of an advanced swept turboprop [NASA-TM-83037] p 128 N83-14061
- Rotor redesign for a highly loaded 1800 ft/sec tip speed fan 3 Laser Doppler velocimeter report [NASA-CR-167954] p 163 N83-14128
- Preliminary rotor wake measurements with a laser velocimeter [NASA-TM-83246] p 301 N83-19018
- Preliminary results of LDV surveys in the compressible leading edge vortex of a delta wing [VKI-TN-137] p 376 N83-23278
- LASER GYROSCOPES**
- Mass produced laser gyros p 63 A83-11628
- Guidance and flight control demonstration in a helicopter flight environment using a laser-gyro inertial navigation system p 322 A83-28779
- Performance of a Strapdown Ring Laser Gyro Tetrad Inertial Navigation System in a helicopter flight environment p 322 A83-28781
- LASER INTERFEROMETRY**
- Laser holographic interferometry for an unsteady airfoil in dynamic stall [AIAA PAPER 83-0388] p 179 A83-16688
- A nonintrusive laser interferometer method for measurement of skin friction p 695 A83-44677
- A nonintrusive laser interferometer method for measurement of skin friction [NASA-TM-84300] p 217 N83-12393
- Feasibility study of three-dimensional holographic interferometry for aerodynamics [NASA-CR-166483] p 483 N83-27845
- LASER OUTPUTS**
- Infrared calibration facilities at Newark Air Force Station p 219 A83-22875
- LASER RANGE FINDERS**
- Multifunction CO2 laser radar technology p 208 A83-22502

- Adaptive detection of targets in laser speckle noise p 208 A83-22521
- DFVLR-remote slant visual range (SVR) and wind vector measuring systems p 565 A83-38750
- Neodymium YAG laser in airborne systems p 609 A83-42835
- CO2 laser rangefinders p 670 A83-44812
- Measuring target position with the FUCAS phased-array radar system [PHL-1982-64] p 560 N83-28317
- LASER RANGER/TRACKER**
- Multifunction CO2 NOE sensor - A status report --- Nap-Of-the-Earth p 35 A83-11147
- LASER TARGET DESIGNATORS**
- The A6E /TRAM/ all-weather weapon system --- Target Recognition and Attack Multisensor p 24 A83-11260
- The Aquila - A versatile, cost-effective military tool shows its potential p 192 A83-16399
- LASER WEAPONS**
- Flow control about an airborne laser turret [AD-A123056] p 407 N83-23595
- Assessment of survivability against laser threats The ASALT-I computer program [AD-A128472] p 703 N83-34313
- LATERAL CONTROL**
- Application of matrix singular value properties for evaluating gain and phase margins of multiloop systems --- stability margins for wing flutter suppression and drone lateral attitude control p 72 A83-12457
- Cross-coupling between longitudinal and lateral aircraft dynamics in a spiral dive p 203 A83-15312
- Implicit adaptive control for a class of MIMO systems --- with application to lateral dynamics of F-8 aircraft p 169 A83-19031
- Subsonic rolling moments for wing roll control of a cruciform missile model p 285 A83-24876
- Excessive roll damping can cause roll ratchet p 395 A83-30171
- Robustness analysis of a multiloop flight control system [AIAA PAPER 83-2189] p 619 A83-41675
- Wind-tunnel investigation of longitudinal and lateral-directional stability and control characteristics of a 0.237-scale model of a remotely piloted research vehicle with a thick, high-aspect-ratio supercritical wing [NASA-TM-81790] p 53 N83-11142
- Lateral flying qualities of highly augmented fighter aircraft, volume 2 [AD-A118071] p 204 N83-12100
- Nonlinear observers for estimation of the state variables of an aircraft lateral motion [TUBS/FB-81-11-01] p 206 N83-13120
- Development of closed loop roll control for magnetic balance systems [NASA-CR-166017] p 208 N83-13122
- The use of laterally vectored thrust to counter thrust asymmetry in a tactical jet aircraft [NASA-CR-166047] p 170 N83-15319
- Lateral flying qualities of highly augmented fighter aircraft, volume 1 [AD-A118070] p 443 N83-26835
- LATERAL OSCILLATION**
- Numerical analysis of natural, coupled, longitudinal-lateral vibrations of an asymmetric aeroplane p 641 A83-42334
- LATERAL STABILITY**
- Application of maximum likelihood estimation to the identification of the stability derivatives of a wide body transport aircraft p 460 A83-35121
- The lateral response of an airship to turbulence [AIAA PAPER 83-1889] p 502 A83-38915
- F/A-18 high angle of attack departure resistant criteria for control law development [AIAA PAPER 83-2126] p 626 A83-41950
- An improved method for predicting lateral-directional dynamic stability characteristics [SAE PAPER 830711] p 626 A83-43321
- The Shock and Vibration Bulletin Part 3 Analytical methods, dynamic analysis, vehicle systems [AD-D432842] p 66 N83-10253
- Static aerodynamic characteristics of a model with a 17 percent thick supercritical wing [NASA-TM-X-2551] p 12 N83-11074
- The application of parameter estimation to flight measurements to obtain lateral-directional stability derivatives of an augmented jet-flap STOL airplane [NASA-TP-26-3] p 216 N83-16350
- High-angle-of-attack stability characteristics of a 3-surface fighter configuration [NASA-TM-84584] p 288 N83-19757
- Calculation of lateral-directional stability derivatives of wings by a nonplanar quasi-vortex-lattice method [NASA-CR-165659] p 581 N83-30387
- A note on the estimation of longitudinal and lateral aircraft derivatives using semi-empirical methods [CAR-8312] p 679 N83-33878
- LATTICES (MATHEMATICS)**
- Subsonic steady and unsteady aerodynamic loads on missiles and aircraft [NASA-CR-169749] p 190 N83-16284
- Application of the vortex-lattice method to propeller performance analysis [AD-A124837] p 459 N83-26840
- LAUNCHERS**
- AH-1 Air Ground Engagement Simulation/air defense (AGES/ADES) pod jetison evaluation [AD-A122623] p 332 N83-20939
- LAUNCHING**
- A new static-launch method for plastic balloons p 548 A83-39816
- LAUNCHING SITES**
- Prelaunch survivability of Ground Launched Cruise Missile (GLCM) Volume 3 SAVAGE code version 1.0 user's guide [AD-A119023] p 155 N83-14113
- LAW (JURISPRUDENCE)**
- Air disaster litigation [GPO-97-336] p 510 N83-29185
- LAYERS**
- Atmospheric effects on ultra high frequency radio propagation [AD-A119581] p 183 N83-14388
- LAYOUTS**
- A NASTRAN model of a large flexible swing-wing bomber Volume 1 NASTRAN model plane [NASA-CR-170392-VOL-1] p 154 N83-14107
- LEADING EDGE FLAPS**
- Segmented vortex flaps [AIAA PAPER 83-0424] p 134 A83-16706
- Experimental and analytical investigation of the subsonic aerodynamics of slender wings with leading-edge vortex flaps [AIAA PAPER 83-2113] p 579 A83-41940
- Variable camber rotor study [NASA-CR-166382] p 266 N83-19740
- Experimental study of wing leading-edge devices for improved maneuver performance of a supercritical maneuvering fighter configuration --- Langley 7- by 10-ft high speed tunnel tests [NASA-TP-2125] p 316 N83-22162
- An experimental study of pressures on 60 deg Delta wings with leading edge vortex flaps [NASA-CR-172833] p 583 N83-31576
- LEADING EDGE SLATS**
- The effect of a leading-edge slat on the dynamic stall of an oscillating airfoil [AIAA PAPER 83-2533] p 716 A83-48368
- Low-speed aerodynamic performance of an aspect-ratio-10 supercritical-wing transport model equipped with a full-span slat and part-span and full-span double-slotted flaps [NASA-TP-1805] p 582 N83-30390
- LEADING EDGE SWEEP**
- An investigation of wing leading-edge vortices at supersonic speeds [AIAA PAPER 83-1816] p 498 A83-38648
- LEADING EDGE THRUST**
- Study of supersonic wings employing the attainable leading-edge thrust concept [NASA-CR-3637] p 180 N83-13073
- An appraisal of rotor blade-tip vortex interaction and wake geometry from flight measurements p 194 N83-17488
- LEADING EDGES**
- Aircraft icing roughness features and its effect on the icing process [AIAA PAPER 83-0111] p 188 A83-16527
- Development of a structural, bird impact resistant, de-iced wing leading edge for the de Havilland Dash 8 aircraft using fibre-reinforced composites p 153 A83-16823
- Influence of leading-edge thrust on twisted and cambered wing design for supersonic cruise p 312 A83-28018
- Alleviation of the subsonic pitch-up of delta wings p 374 A83-32583
- Aerodynamic theory for wing with side edge passing subsonically through a gust p 375 A83-32977
- Recent studies at NASA-Langley of vortical flows interacting with neighboring surfaces p 417 A83-33972
- Prediction of stagnation flow heat transfer on turbomachinery airfoils [AIAA PAPER 83-1173] p 420 A83-36259
- Conical similarity of shock/boundary layer interactions generated by swept fins [AIAA PAPER 83-1756] p 492 A83-37229
- Experimental and computational investigation of the flow in the leading edge region of a swept wing [AIAA PAPER 83-1762] p 492 A83-37233
- Optimal form of the middle surface of a wing with supersonic leading edge, assuring minimum drag for a prescribed lift force and pitching moment p 493 A83-37518
- The impact of strakes on a vortex-flapped delta wing [AIAA PAPER 83-1814] p 497 A83-38647
- The leading-edge vortex trajectories of close-coupled wing-canard configurations and their breakdown characteristics [AIAA PAPER 83-1817] p 498 A83-38649
- On the conceptual design of supersonic cruising aircraft with subsonic wing leading edges p 523 A83-38950
- An investigation of the breakdown of the leading edge vortices on a delta wing at high angles of attack [AIAA PAPER 83-2114] p 579 A83-41941
- Wing modification for increased spin resistance [SAE PAPER 830720] p 627 A83-43327
- Slender wings with leading edge vortex-separation p 661 A83-46466
- Cooling airflow studies at the leading edge of a film-cooled airfoil [ASME PAPER 83-GT-82] p 760 A83-47935
- Drag of wings with cambered airfoils and partial leading-edge suction p 716 A83-48220
- A flight test of laminar flow control leading-edge systems [AIAA PAPER 83-2508] p 727 A83-48356
- Analysis of airfoil leading edge separation bubbles [NASA-CR-165935] p 9 N83-10018
- Wind-tunnel development of underwing leading-edge vortex generators on a NASA supercritical-wing research airplane configuration [NASA-TM-X-2808] p 6 N83-11032
- Effects of differential and symmetrical aileron deflection on the aerodynamic characteristics of an NASA supercritical-wing research airplane model [NASA-TM-X-3231] p 12 N83-11073
- Wind-tunnel investigation of effects of wing-leading-edge modifications on the high angle-of-attack characteristics of a T-tail low-wing general-aviation aircraft [NASA-CR-3636] p 179 N83-12049
- Laser-Doppler velocimeter (LDV) measurements of the velocity field of a leading edge vortex over a delta wing before and after vortex breakdown [VKI-TN-142] p 192 N83-16300
- Pressure investigation of NASA leading edge vortex flaps on a 60 deg Delta wing [NASA-CR-169984] p 244 N83-18672
- Subsonic balance and pressure investigation of a 60 deg delta wing with leading edge devices [NASA-CR-165923] p 246 N83-19714
- Pumped vortex [NASA-CASE-LAR-12615-1] p 246 N83-19715
- Preliminary results of LDV surveys in the compressible leading edge vortex of a delta wing [VKI-TN-137] p 376 N83-23278
- Aeroelastic loads prediction for an arrow wing Task 3 Evaluation of the Boeing three-dimensional leading-edge vortex code [NASA-CR-3642] p 377 N83-24479
- Laminar boundary layers in the vicinity of the attachment line on wings and winglike bodies at incidence --- in three dimensions [ESA-TT-752] p 505 N83-27966
- A numerical study of Strake aerodynamics [AD-A125882] p 506 N83-29182
- Piezoelectric deicing device [NASA-CASE-LEW-13773-1] p 528 N83-29197
- Numerical simulation of vortex breakdown by the vortex-filament method [NASA-TM-84334] p 563 N83-29636
- Stagnation region gas film cooling Effects of dimensionless coolant temperature [NASA-CR-168197] p 645 N83-30960
- An experimental study of pressures on 60 deg Delta wings with leading edge vortex flaps [NASA-CR-172833] p 583 N83-31576
- Wind-tunnel investigation of leading-edge thrust on arrow wings in supersonic flow [NASA-TP-2167] p 583 N83-31577
- Numerical Aerodynamic Simulation (NAS) [NASA-TM-84386] p 652 N83-32397
- A method of predicting flow rates required to achieve anti-icing performance with a porous leading edge ice protection system [NASA-CR-168213] p 668 N83-32782
- LEAKAGE**
- Assessment of crash fire hazard of LH sub 2 fueled aircraft [NASA-CR-165525] p 16 N83-11095
- Energy efficient high-pressure turbine leakage technology report [NASA-CR 165202] p 165 N83-15304
- Savings can be made by using compressed air when testing aircraft for fuel leaks (GAO/PLRD-83-69) [B-207202] p 576 N83-30355

## LEAR JET AIRCRAFT

- Composites in the construction of the Lear Fan 2100 aircraft p 350 A83-29718
- Determination of horizontal tail load and hinge moment characteristics from flight data --- on Learjet Model 55 Longhorn p 383 A83-30162
- High speed propeller for the Lear Fan 2100 [AIAA PAPER 83-2465] p 745 A83-49580
- Aircraft accident report. IBEX Corporation Gates Learjet 23, N100TA, Atlanta, near Savannah, Georgia, 6 May 1982 [PB83-910401] p 430 N83-26827

## LEARNING

- An expert distributed robotics system with comprehension and learning abilities in the aircraft flight domain [AD-A127739] p 652 N83-32401

## LEAST SQUARES METHOD

- A numerical simulation of three-dimensional transonic flows of compressible perfect fluids around aircraft by use of the finite element and least squares methods [AAAF PAPER NT 81 23] p 64 A83-11779
- Flight tests of integrated navigation by least squares adjustment p 256 A83-24871
- Digital simulation of transonic 3-dimensional flows of perfect compressible flows around aircraft by the methods of finite elements and of least squares [PB82-213448] p 33 N83-11122
- Non-intrusive parameter identification procedure user's guide [NASA-CR-170398] p 397 N83-23318

## LEGAL LIABILITY

- Legislative developments affecting the aviation industry 1981-1982 p 572 A83-39043
- Aircraft crashworthiness in the United States - Some legal and technical parameters p 572 A83-39044
- Strict liability in military aviation cases Should it apply? p 572 A83-39045
- Manufacturer's liability in international aerospace - A view from the United States p 572 A83-39696
- Aircraft crashworthiness and the manufacturer's tort liability in the United States p 707 A83-45808
- Passenger liability in international carriage by air - Lines of development p 707 A83-45831
- The legal status of the aircraft commander - Ups and downs of a controversial personality in international law p 708 A83-45842

## LEVELING

- Inherent spiral stability in a fixed wing aircraft by means of a simplified pneumatic wing tip control system [NASA-CR 170207] p 344 N83-22206

## LEVITATION

- Inertia effects of the dynamics of a disk levitated by incompressible laminar fluid flow [ASME PAPER 83-GT-149] p 761 A83-47968

## LICENSING

- Selected topics in licensing Airbus A310 [DGLR PAPER 82-042] p 247 A83-24166

## LIFE (DURABILITY)

- Life Utilization Criteria Identification in Design (LUCID) [AD-A117807] p 43 N83-10046
- Life and reliability models for helicopter transmissions [NASA-TM-82976] p 67 N83-10425
- Measured and calculated wall temperatures on air-cooled turbine vanes with boundary layer transition [NASA-TM-83030] p 183 N83-14432
- TPE331/T76 turboprop propulsion engine durability [AD-A122962] p 394 N83-23314
- The effect of sheet thickness and laminating on the fatigue resistance of the aluminum alloy AL 7010 T 73651 [NLR-TR-81056-U] p 403 N83-23421
- Analytical fuel property effects, small combustors, phase 1 [NASA-CR-168138] p 404 N83-23464
- Scanning strategies for next generation weather radars A study based on lifetimes of convective atmospheric phenomena hazardous to aviation [FAA-RD-82-69] p 476 N83-25929
- Engine Handling [AD-A129168] p 540 N83-29241
- Operational engine usage p 540 N83-29246
- Environmental effects and durability p 636 N83-30532

## LIFE CYCLE COSTS

- The application of energy saving concepts to future fighter/attack aircraft design [AIAA PAPER 83-0092] p 149 A83-16516
- Setting design goals for advanced propulsion systems [AIAA PAPER 81-1505] p 211 A83-22154
- Tactical aircraft engine usage - A statistical study p 274 A83-24033
- Benefits of mission profile testing p 405 A83-31481
- The impact of engine usage on life cycle cost [AIAA PAPER 83-1406] p 456 A83-36395

- LCC evaluation of advanced engine damage tolerance goals for a hot-section disk --- in aircraft engines [AIAA PAPER 83-1407] p 456 A83-36396

- Economic evaluation of a standard product of fiber-reinforced composite material in comparison with steel p 551 A83-38875
- Life cycle cost applications to conceptual designs [SAWE PAPER 1479] p 654 A83-43748
- EAGLE/DTA - A life cycle cost model for damage tolerance assessment --- Engine/Aircraft Generalized Life cycle cost Evaluator [ASME PAPER 83-GT 76] p 739 A83-47929
- Life cycle cost management - An engineer's view [AIAA PAPER 83-2451] p 770 A83-48334
- Avionics built-in-test effectiveness and life cycle cost [AIAA PAPER 83-2448] p 712 A83-49578
- Aircraft production and development schedules [AD-A118047] p 6 N83-11056
- Air launched cruise missile Logistics planning problems and implications for other weapons systems [AD-A118129] p 33 N83-11119
- Avionics software support cost model p 335 N83-22147
- Cost analysis of turbine engine warranties [AD-A123034] p 394 N83-23313
- Some general topics in the field of engine handling p 540 N83-29242

- A life cycle cost management primer for use within the Aeronautical Systems Division [AD-A127267] p 654 N83-31519
- The impact of reliability improvement warranties on naval aviation maintenance at the fleet level [AD-A126810] p 658 N83-33841

## LIFE SCIENCES

- Research and technology annual report, 1982 [NASA-TM-84312] p 192 N83-16273

## LIFE SUPPORT SYSTEMS

- Human Factors Aspects of Aircraft Accidents [AD124287] p 188 N83-17490

## LIFT

- A study of the effect of the transverse sweep of delta wings on their vortex structures and aerodynamic characteristics in separated flows at low subsonic velocities p 178 A83-15096
- Vibration of airfoils in sinusoidal oblique gust [AIAA PAPER 83-0005] p 129 A83-16457
- Investigation of possible LTA craft application to solve national economy problems p 317 A83-28194
- Applications of advanced upper surface blowing propulsive-lift technology [SAE PAPER 820956] p 433 A83-33628
- How to improve air cushion vehicle performance with VUMP equipped wave-forming keels --- Vent-pump p 484 A83-34855
- ACV lift air systems - More puff for less power p 485 A83-34861
- A technique to determine lift and drag polars in flight p 422 A83-36913
- Wake characteristics and interactions of the canard/wing lifting surface configuration of the X-29 forward-swept wing flight demonstrator [AIAA PAPER 83-1835] p 499 A83-38664
- Powered lift aerodynamics of USB STOL aircraft --- Upper Surface Blowing [AIAA PAPER 83-1848] p 499 A83-38676
- Experimental wing and canard jet-lift aerodynamics [AIAA PAPER 83-0081] p 715 A83-48211
- Numerical calculation of lift, moment coefficient and dynamic stability derivative on sideslipping wings in unsteady supersonic flows p 9 N83-10005
- Calculation of the lift distribution and aerodynamic derivatives of quasi-static elastic aircraft p 10 N83-11036

- Development of two supercritical airfoils with a thickness-to-chord ratio of 0.20 and design lift coefficients of 0.3 and 0.4 [NASA-TM-X-73948] p 12 N83-11079

- Application of output predictive algorithm control to a terrain following aircraft system [AD-A118038] p 27 N83-11105

- Conserving aviation fuel by shifting center-of-gravity position p 194 N83-13063

- Subsonic steady and unsteady aerodynamic loads on missiles and aircraft [NASA-CR-169749] p 190 N83-16284

- Development of aerodynamic prediction methods for irregular planform wings [NASA-CR-3664] p 195 N83-17515

- Analysis of oscillatory motion of a light airplane at high values of lift coefficient [NASA-TM-84563] p 216 N83-17550

- Theoretical investigations of high lift aerodynamics [NASA-CR-169926] p 244 N83-18663

- Wind tunnel investigation of an upper surface blown-flap half model of the NALSTOL research aircraft [NAL-TR 734] p 245 N83-18674

- Modern fighter aircraft design for high-angle-of-attack maneuvering p 245 N83-18687

- Viscous flowfields induced by three-dimensional lift jets in ground effect [AD-A121026] p 301 N83-19062

- Lifting surface theory for a helicopter rotor in forward flight [NASA-CR-169997] p 246 N83-19709

- Subsonic balance and pressure investigation of a 60 deg delta wing with leading edge devices [NASA-CR-165923] p 246 N83-19714

- Pumped vortex [NASA-CASE-LAR-12615-1] p 246 N83-19715

- Two-dimensional transonic testing method p 347 N83-20962

- Three-dimensional wall corrections for ventilated wind tunnels p 348 N83-20965

- Low-speed aerodynamic characteristics of a 14-percent-thick NASA phase 2 supercritical airfoil designed for a lift coefficient of 0.7 [NASA-TM-81912] p 317 N83-22167

- Flutter investigations in the transonic flow regime for a fighter type aircraft p 345 N83-22217

- Trends of Reynolds number effects on two-dimensional airfoil characteristics for helicopter rotor analyses [NASA-TM-84363] p 377 N83-24472

- Theoretical determination of the lift of a simulated ejector wing [AD-A124695] p 425 N83-25670

- Design analysis of a self-acting spiral-groove ring seal for counter-rotating shafts [NASA-TP-2142] p 458 N83-25712

- Investigation of the coupling of unsteady lift to low order acoustic duct modes in an axial flow fan [AD-A124819] p 483 N83-27796

- Lift and drag of two staggered lifting surfaces at low speeds [ESDU-81023] p 663 N83-32759

- Aircraft forces due to interference between a jet efflux and a slotted flap --- jet impingement on wings for lift augmentation [ESDU-82034] p 664 N83-32768

- Linearized potential solution for an airfoil in nonuniform parallel streams [NASA-CR-173047] p 665 N83-33843

## LIFT AUGMENTATION

- Some recent applications of high-lift computational methods at Boeing p 178 A83-15313

- Augmentation of fighter aircraft lift and STOL capability by blowing outboard from the wing tips [AIAA PAPER 83-0078] p 130 A83-16507

- Trimming high lift for STOL fighters [AIAA PAPER 83-0168] p 168 A83-16566

- Development of advanced circulation control wing high lift airfoils [AIAA PAPER 83-1847] p 499 A83-38675

- Powered lift aerodynamics of USB STOL aircraft --- Upper Surface Blowing [AIAA PAPER 83-1848] p 499 A83-38676

- Von Mises wing optimization [AIAA PAPER 83-2558] p 729 A83-48377

- Conceptual design, evaluation and research identification for Remote Augmented Propulsive Lift Systems (RALS) with ejectors for VTOL aircraft [NASA-CR-167906] p 202 N83-13103

- Augmentation of fighter-aircraft performance by spanwise blowing over the wing leading edge [NASA-TM-84330] p 315 N83-22159

- Theoretical determination of the lift of a simulated ejector wing [AD-A124695] p 425 N83-25670

- Aircraft forces due to interference between a jet efflux and a slotted flap --- jet impingement on wings for lift augmentation [ESDU-82034] p 664 N83-32768

- V/STOL propulsion control analysis Phase 2, task 5-9 [NASA-CR-165523] p 684 N83-32804

## LIFT DEVICES

- Design, analyses, and model tests of an aerodynamically tailored lifting surface p 204 A83-22155

- Aerodynamic characteristics of a circulation controlled elliptical airfoil with blown jets [AIAA PAPER 83-1794] p 497 A83-38633

- An investigation of wing leading-edge vortices at supersonic speeds [AIAA PAPER 83-1816] p 498 A83-38648

- Missile body vortices and their interaction with lifting surfaces p 245 N83-18695

- Effects of dynamic stall on SWECS p 409 N83-23732

- Analysis of nonplanar wing-tip-mounted lifting surfaces on low-speed airplanes [NASA-CR-3684] p 424 N83-25667

Theoretical determination of the lift of a simulated ejector wing  
[AD-A124695] p 425 N83-25670

**LIFT DRAG RATIO**

Modular asymmetric parachute for wind tunnel testing  
p 178 A83-15322

Segmented vortex flaps  
[AIAA PAPER 83-0424] p 134 A83-16706  
Recent studies at NASA-Langley of vortical flows interacting with neighboring surfaces  
p 417 A83-33972

Optimization of waverider configurations generated from axisymmetric conical flows  
p 715 A83-48134

Low-speed aerodynamic characteristics of a 17-percent-thick supercritical airfoil section, including a comparison between wind-tunnel and flight data  
[NASA-TM-X-2571] p 6 N83-11034

Aerodynamic characteristics of the 10-percent-thick NASA supercritical airfoil 33 designed for a normal-force coefficient of 0.7  
[NASA-TM-X-72711] p 12 N83-11075

Aerodynamic characteristics of a 14-percent-thick NASA supercritical airfoil designed for a normal-force coefficient of 0.7  
[NASA-TM-X-72712] p 12 N83-11077

Conserving aviation fuel by shifting center-of-gravity position  
p 194 N83-13063

A catalog of low Reynolds number airfoil data for wind turbine applications  
[RFP-3387] p 665 N83-32772

Representation of drag in aircraft performance calculations  
[ESDU-81026] p 677 N83-32790

**LIFT FANS**

A remote augmentor lift system with a turbine bypass engine  
p 163 A83-19595

Inlet-fan flow field computation  
[ASME PAPER 83-GT-41] p 713 A83-47901

Research and development of lift-jet engine, 1 --- v/stol aircraft  
[NAL-TR-699] p 200 N83-12084

Research and development of lift-jet engine, 2  
[NAL-TR-700] p 200 N83-12085

A remote augmentor lift system with a turbine bypass engine  
[NASA-TM-82932] p 200 N83-12087

**LIFTING BODIES**

Extension of the lifting body theory to evolution on random trajectories at subsonic velocities  
p 7 A83-10576

Supersonic flow around a conical fuselage of arbitrary section isolated or equipped with a delta wing with subsonic leading edges  
p 7 A83-10579

Modular asymmetric parachute for wind tunnel testing  
p 178 A83-15322

Aerodynamic investigation of closely coupled lifting surfaces with positive and negative stagger for general aviation applications  
[AIAA PAPER 83-0057] p 129 A83-18489

Optimization of variable-altitude flyback maneuvers --- for rocket-propelled lifting vehicles  
[AIAA PAPER 83-0282] p 149 A83-16627

Certain aspects of the optimum design of hydrodynamic lifting complexes  
p 375 A83-33002

The problem of an optimum wing of constant seaworthiness  
p 375 A83-33003

Second approximation of quadrupole wing theory in lifting surface theory  
p 375 A83-33004

Hypersonic flow behind a lifting body  
p 577 A83-41206

Air Force Academy Aeronautics Digest, Fall/Winter, 1981  
[AD-A119168] p 176 N83-13066

New test techniques and analytical procedures for understanding the behavior of advanced propellers  
[NASA-TM-83360] p 311 N83-22092

Effects of dynamic stall on SWECs  
p 409 N83-23732

Theoretical determination of the lift of a simulated ejector wing  
[AD-A124695] p 425 N83-25670

Lunate-tail swimming propulsion as a problem of curved lifting line in unsteady flow 1 Asymptotic theory  
[USCAE-139] p 561 N83-28377

**LIFTING ROTORS**

Research and development of lift-jet engine, 1 --- v/stol aircraft  
[NAL-TR-699] p 200 N83-12084

Research and development of lift-jet engine, 2  
[NAL-TR-700] p 200 N83-12085

The Actidyne active magnetic bearing  
p 185 N83-15533

**LIGHT AIRBORNE MULTIPURPOSE SYSTEM**

LAMPS MK III acoustic target tracker  
p 609 A83-41533

**LIGHT AIRCRAFT**

The aviation and radioelectronic equipment of the Yak-18T aircraft --- Russian book  
p 195 A83-13814

An evaluation of aerodynamics modeling of spinning light airplanes  
[AIAA PAPER 83-0368] p 169 A83-17922

Performance improvements of single-engine business airplanes by the integration of advanced technologies  
[DGLR PAPER 82-064] p 262 A83-24178

Experimental investigations concerning the noise produced by model propellers and propeller-driven small aircraft  
[DGLR PAPER 82-068] p 274 A83-24182

A theoretical and experimental study of propeller noise  
[ONERA, TP NO 1982-122] p 305 A83-24333

Homebuilt airplanes - The sky's the limit  
p 242 A83-25122

Direct measurement of transmission loss of aircraft structures using the acoustic intensity approach  
p 327 A83-28185

Modern propellers for commuter airlines  
[SAE PAPER 820719] p 391 A83-30874

Laboratory study of add-on treatments for interior noise control in light aircraft  
p 386 A83-32581

Performance estimation for light propeller airplanes  
p 386 A83-32589

Performance flight testing --- Book  
p 433 A83-33621

Light aircraft and sailplane structures in reinforced plastics  
p 435 A83-36065

Design of an aerobatic aircraft wing using advanced composite materials  
[SAE PAPER 821346] p 517 A83-37955

Applications and market potentials for the light utility airship concept  
[AIAA PAPER 83-1975] p 489 A83-38908

LHX system design for improved performance and affordability --- Light Helicopter  
p 595 A83-41080

An application of parameter identification to the oscillatory motion of an airplane at high C(L)  
[AIAA PAPER 83-2067] p 823 A83-41905

A simulation study of the low-speed characteristics of a light twin with an engine-out  
[AIAA PAPER 83-2126] p 626 A83-41951

Studies of light-twin wing-body interference  
[SAE PAPER 830709] p 580 A83-43319

Flight investigation of natural laminar flow on the Bellanca Skyrocket II  
[SAE PAPER 830717] p 599 A83-43326

Light aircraft wing structure optimization  
[AIAA PAPER 83-2446] p 727 A83-48332

Von Mises wing optimization  
[AIAA PAPER 83-2558] p 729 A83-48377

Ultralight aircraft safety and regulation  
p 719 A83-48885

Army family of light rotorcraft (LHX) concept formulation  
[AIAA PAPER 83-2552] p 732 A83-49592

The design integration of wingtip devices for light general aviation aircraft  
[NASA-TM-83252] p 30 N83-10034

A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 1  
[NASA-CR-159379] p 191 N83-16288

A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 2  
[NASA-CR-159380] p 191 N83-16289

Analysis of oscillatory motion of a light airplane at high values of lift coefficient  
[NASA-TM-84563] p 216 N83-17550

Structural testing for static failure, flutter and other scary things  
[NASA-TM-84606] p 234 N83-17899

Approximate parametric method for propeller thrust estimation  
[ESDU-83001] p 664 N83-32769

First approximation to take-off distance to 50 ft (15 m) for light and general aviation airplanes  
[ESDU-82033] p 678 N83-32793

Alaska Loran-C flight test evaluation  
[AD-A128633] p 724 N83-34930

**LIGHT EMITTING DIODES**

Dot-matrix display light measurement and interpretation techniques --- for qualification tests techniques  
p 36 A83-11257

Modern display technologies and applications  
[AGARD-AR-169] p 310 N83-20758

Light emitting diodes  
p 611 N83-30419

**LIGHT SCATTERING**

Particle sizing by measurement of forward-scattered light at two angles  
[NASA-TP-2156] p 395 N83-24509

**LIGHT TRANSMISSION**

Obscuration by helicopter-produced snow clouds  
p 197 A83-22357

**LIGHT TRANSPORT AIRCRAFT**

Unconventional commuter configurations - A design investigation  
[SAE PAPER 830710] p 599 A83-43320

Design consideration for lighting modern commercial aircraft  
[SAE PAPER 830712] p 599 A83-43322

Fail-operational DAFCS for business/commuter aircraft --- Digital Automatic Flight Control System  
[SAE PAPER 830714] p 626 A83-43324

**LIGHTING EQUIPMENT**

Aircraft electrical equipment --- Russian book  
p 162 A83-17125

Design consideration for lighting modern commercial aircraft  
[SAE PAPER 830712] p 599 A83-43322

Airfield lighting, design manual 23 1  
[AD-A119525] p 174 N83-14141

Operational lighting at the Air Traffic Control Center (MILATCC) at New-Miligen --- radar consoles  
[IZF-1982-28] p 698 N83-33035

Improved interior emergency lighting study  
[DOT/FAA/CT-83/31] p 721 N83-36010

**LIGHTNING**

In-flight lightning data measurement system for fleet application - Flight test results  
p 29 A83-11087

Observations of optical lightning emissions from above thunderstorms using U-2 aircraft  
p 234 A83-22703

Observations of severe in-flight environments on airplane composite structural components  
p 600 A83-43330

Theoretical and experimental studies of the electromagnetic coupling mechanisms between aircraft and consecutive lightning strikes, both direct and nearby  
[ONERA, TP NO 1983-44] p 667 A83-44318

A systematic characterization of the effects of atmospheric electricity on the operational conditions of aircraft  
[ONERA, TP NO 1983-59] p 719 A83-48180

Laboratory modeling and analysis of aircraft-lightning interactions  
[NASA-CR-169455] p 15 N83-10023

Direct lightning strikes to aircraft  
[AD-A118075] p 16 N83-11100

Interpretation methodology and analysis of in-flight lightning data  
[NASA-CR-3590] p 69 N83-11661

The effects of precipitation static and lightning on the airborne reception of Loran-C Volume 1 Analysis  
[DOT/FAA/RD-82/45-1] p 217 N83-12299

Lightning attachment patterns and flight conditions for storm hazards, 1980  
[NASA-TP-2087] p 139 N83-14077

Effects of simulated lightning on composite and metallic joints  
[NASA-TM-84554] p 177 N83-14170

Digital system upset The effects of simulated lightning-induced transients on a general-purpose microprocessor  
[NASA-TM-84652] p 411 N83-24212

A review and comparison of lightning return stroke models using experimental data  
[AD-A124680] p 479 N83-26345

Aircraft lightning-induced voltage test technique developments  
[NASA-CR-170403] p 442 N83-26829

RF radiation from lightning correlated with aircraft measurements during storm hazards-82  
[NASA-TM-85007] p 479 N83-27537

Calibration of C-130 lightning characterization sensors  
[AD-A127344] p 610 N83-30413

Eighth International Aerospace and Ground Conference on Lightning and Static Electricity Lightning Technology Roundup  
[FAA-CT-83-25] p 649 N83-31163

Modelling of direct-strike lightning coupling by a transfer function technique  
p 612 N83-31177

Some results and limitations of Prony analysis of in-flight lightning data  
p 646 N83-31178

A realistic approach to aircraft lightning protection  
p 586 N83-31190

Atmospheric electricity threat definition for aircraft lightning protection  
p 586 N83-31192

Lightning strikes to aircraft of the German Federal Armed Forces  
p 586 N83-31193

Recent lightning induced voltage test technique investigations  
p 646 N83-31194

NASA F-106B lightning ground tests  
p 586 N83-31195

Induced transients in a simulated lightning test of the fly-by-wire Jaguar aircraft  
p 586 N83-31196

Electromagnetic measurements of lightning attachment to aircraft  
p 647 N83-31199



- Airborne measurements of the risetimes in lightning return stroke fields p 649 N83-31200  
 Lightning field spectra obtained from airborne measurements p 649 N83-31201  
 The effects of new technology trends on aircraft lightning vulnerability and the capability to identify technology deficiencies p 586 N83-31207  
 Unprotected radome lightning tests and implications to Kevlar airframe designs p 587 N83-31208  
 Advanced testing of lightning protection schemes for composite main rotor blades (helicopter) p 587 N83-31211  
 Nanosecond resolution of E, H and I in aircraft lightning test rigs p 647 N83-31212  
 Full-system tests using the Sandia lightning simulator p 632 N83-31213  
 Lightning interaction with USAF aircraft p 587 N83-31214  
 Use of the SYSCAP II circuit analysis program to determine semiconductor failure threshold levels caused by lightning/EMP transients p 647 N83-31215  
 Performance of the Sandia lightning simulator during F-14A and F/A-18 aircraft lightning tests p 587 N83-31220  
 An impulse generator to simulate lightning effects on aircraft p 587 N83-31221  
 Measurements and theoretical analysis of a full scale NEMP p 588 N83-31222  
 Updating the MCAIR lightning simulation laboratory p 632 N83-31223  
 Digital system upset: The effects of simulated lightning-induced transients on a general purpose microprocessor p 651 N83-31233  
 Lightning protection design and lightning threat flight clearance of a fly-by-wire flight control system for an unstable aircraft p 629 N83-31234  
 Conditions conducive to lightning striking an aircraft in a thunderstorm p 588 N83-31236  
 Allocation of protection p 588 N83-31240  
 The lightning spark barrier p 647 N83-31241  
 Protecting the world's largest commercial helicopter from atmospheric hazards p 588 N83-31242  
 Performance of the Sandia Lightning Simulator during F-14A and F/A-18 aircraft lightning tests [DE83-009288] p 721 N83-34926  
 Lightning tests on the WC-130 research aircraft [AD-A129141] p 722 N83-36014  
**LIGHTNING SUPPRESSION**  
 Methods for minimizing the effects of lightning transients on aircraft electrical systems p 29 N83-11088  
 Performance of the Sandia Lightning Simulator during F-14A and F/A-18 aircraft lightning tests [DE83-009288] p 721 N83-34926  
**LIMBS (ANATOMY)**  
 Preliminary generalized thoughts concerning ejection fail phenomena p 182 A83-15404  
**LIMITER CIRCUITS**  
 Hard limiter performance as a polarity detector for extremely polluted signals — in Ioran C navigation systems p 144 A83-19026  
**LINE OF SIGHT**  
 Line of sight reconstruction for faster homing guidance [AIAA PAPER 83-2170] p 591 A83-41666  
 Helmet mounted feasibility model [AD-A128150] p 736 N83-34940  
**LINE OF SIGHT COMMUNICATION**  
 Advisory circular Airport design standards Transport airports [FAA-AC-150/5300-12] p 548 N83-28005  
**LINEAR ARRAYS**  
 Hydraulics of a channel with a linear jet array — heat transfer coefficient enhancement by transpiration cooling p 298 A83-24049  
**LINEAR EQUATIONS**  
 Noise source mechanisms in unsteady flow [PB82-203837] p 223 N83-12976  
**LINEAR POLARIZATION**  
 New advances in wide band dual polarization antenna elements for EW applications p 430 A83-35087  
**LINEAR PREDICTION**  
 The YAV-8B simulation and modeling Volume 1 Aircraft description and program summary [NASA-CR-170397] p 333 N83-22193  
**LINEAR SYSTEMS**  
 Interactive fine-tuning of linear-quadratic governors by selective and direct action on the poles of the control system [ONERA, TP NO 1983-21] p 480 A83-36430  
 A new approach to exact model-matching with applications to aircraft systems p 650 A83-41477  
 An improved technique for altitude tracking of aircraft [AD-A118899] p 188 N83-13090  
 Flight test trajectory control analysis [NASA-CR-170395] p 288 N83-18744  
 Longitudinal aerodynamic characteristics of a wing-winglet model designed at  $M = 0.8$ ,  $C_{sub} L = 0.4$  using linear aerodynamic theory [NASA-CR-172188] p 668 N83-33854  
**LINEARITY**  
 Sensor failure detection for jet engines [NASA-CR-168190] p 699 N83-33182  
**LININGS**  
 Nonlinear structural and life analyses of a combustor liner p 65 A83-12784  
 Small gas turbine combustor study - Combustor liner evaluation [AIAA PAPER 83-0337] p 161 A83-16663  
 Eigensolutions for liners in uniform mean flow ducts p 237 A83-18810  
 An experimental investigation of sound radiation from a duct with a circumferentially varying liner [AIAA PAPER 83-0712] p 307 A83-25928  
 Friction drag and other design parameters for acoustic face sheets — for aircraft noise reduction [AIAA PAPER 83-0780] p 307 A83-25962  
 The design and flight test of an engine inlet bulk acoustic liner [AIAA PAPER 83-0781] p 281 A83-25963  
 Effect of sound absorbing wall linings on aerodynamic forces of a subsonic vibrating cascade p 411 A83-33372  
 Experimental research on perforated acoustic liners in turbojet engine afterburners p 165 N83-15256  
 Small gas turbine combustor study - Combustor liner evaluation [NASA-TM-83028] p 282 N83-18725  
 An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 4 Flammability tests [PB83-113548] p 251 N83-19729  
 Energy efficient engine sector combustor rig test program [NASA-CR-167913] p 283 N83-19753  
 Assessment of correlations between laboratory and full-scale experiments for the FAA (Federal Aviation Administration) Aircraft Fire Safety Program Part 6 Reduced-scale modeling of compartments at atmosphere pressure [PB83-193052] p 721 N83-34927  
**LINKAGES**  
 Mechanism case studies VI [ASME PAPER 82-DET-47] p 65 A83-12772  
 The dynamics of spatial linked quadrangle chains p 643 A83-42986  
**LIQUID ATOMIZATION**  
 Transverse jet break-up and atomization with rapid vaporization along the trajectory [AIAA PAPER 83-0419] p 161 A83-16702  
 Mixing and fuel atomisation effects on premixed combustion performance [ASME PAPER 83-GT-55] p 738 A83-47911  
 Injection, atomization, ignition and combustion of liquid fuels in high-speed air streams [AD-A125237] p 471 N83-27033  
**LIQUID COOLING**  
 Development and application of a liquid-cooled V-8 piston engine for general aviation aircraft [AIAA PAPER 83-1342] p 455 A83-36347  
 The application of a liquid-cooled V-8 piston engine to general aviation aircraft [SAE PAPER 821446] p 533 A83-37894  
 An investigation into the effect of coolant flow on the vibration characteristics of hollow blades conveying fluid [ASME PAPER 83-GT-217] p 762 A83-48017  
**LIQUID CRYSTALS**  
 Liquid crystal displays p 611 N83-30420  
**LIQUID FILLED SHELLS**  
 Angular motion of a spinning projectile with a viscous liquid payload p 544 A83-37087  
**LIQUID FUELS**  
 A carbon-13 and proton nuclear magnetic resonance study of some experimental reference broadened-specification /ERBS/ turbine fuels p 59 A83-11482  
 Prediction of liquid fuel spray capture by v-gutter downstream of plain orifice injector under uniform cross air-flow [AIAA PAPER 83-0153] p 160 A83-16559  
 Trajectory with diffusion method for predicting the fuel distribution in a transverse stream [AIAA PAPER 83-0336] p 161 A83-16662  
 Fuel for future transport aircraft p 222 A83-20082  
 Further study on the prediction of liquid fuel spray capture by v-gutter downstream of a plain orifice injector under uniform cross air flow p 473 A83-35810  
 Further studies on the prediction of spray evaporation rates — for aircraft fuels p 468 A83-35811  
 Thermal stability of alternative aircraft fuels [AIAA PAPER 83-1143] p 470 A83-36243  
 Operation of an aircraft engine using liquefied methane fuel p 576 A83-43239  
 Experimental investigation of fuel distribution in a transverse stream [ASME PAPER 83-GT-207] p 743 A83-48008  
 Performance of high-altitude, long-endurance, turboprop airplanes using conventional or cryogenic fuels [NASA-TM-84534] p 207 N83-17530  
 Injection, atomization, ignition and combustion of liquid fuels in high-speed air streams [AD-A125237] p 471 N83-27033  
 Spontaneous ignition characteristics of hydrocarbon fuel-air mixtures p 554 N83-29231  
 Computational Methods for Ramjets JPM Specialist Session [AD-A128297] p 685 N83-33885  
 Linear theory of pressure oscillations in liquid fueled ramjet engines p 685 N83-33886  
 High-pressure flame visualization of autoignition and flashback phenomena with liquid-fuel spray [NASA-TM-83501] p 747 N83-34948  
**LIQUID HYDROGEN**  
 Fuel for future transport aircraft p 222 A83-20082  
 Is LH2 the high cost option for aircraft fuel p 349 A83-27215  
 Model of a cryogenic liquid-hydrogen pipeline for an airport ground distribution system p 648 A83-43641  
 An airline view of LH2 as a fuel for commercial aircraft p 757 A83-48598  
**LIQUID INJECTION**  
 Injection, atomization, ignition and combustion of liquid fuels in high-speed air streams [AD-A125237] p 471 N83-27033  
**LIQUID METALS**  
 Radiant heating tests of several liquid metal heat-pipe sandwich panels [NASA-TM-85669] p 702 N83-34226  
**LIQUID NITROGEN**  
 Sensitivity analysis of cool-down strategies for a transonic cryogenic tunnel p 56 N83-10082  
 [NASA-TM-84527]  
 Studies on the cryogenic induction driven wind-tunnel T2 p 548 N83-28004  
**LIQUID OXYGEN**  
 Restartable high power gas generator [AD-A127291] p 646 N83-31022  
**LIQUID PROPELLANT ROCKET ENGINES**  
 Liquid propellant rocket development by the U S Navy during World War II [IAF PAPER 83-298] p 755 A83-47333  
**LIQUID ROCKET PROPELLANTS**  
 Definition of forces on turbomachinery rotors Task B report. Dynamic analysis of rotors [NASA-CR-170763] p 395 N83-24507  
**LIQUID SLOSHING**  
 On the damping effect of sloshing fluid on flexible rotor systems [ASME PAPER 82-DET-140] p 65 A83-12783  
**LIQUID-SOLID INTERFACES**  
 The effect of liquid media on the strength of an aluminum-matrix composite p 209 A83-15394  
 A study of the corrosion activity of the fuselage condensate of passenger aircraft p 190 A83-15398  
**LIQUID-VAPOR INTERFACES**  
 Methods for calculating the stabilization limits of a flame of inhomogeneous mixtures using a bluff body p 41 A83-11512  
**LITERATURE**  
 Literature search of publications concerning the prediction of dynamic inlet flow distortion and related topics [NASA-CR-3673] p 282 N83-18729  
**LOAD DISTRIBUTION (FORCES)**  
 Load distribution on deformed wings in supersonic flow p 6 A83-10180  
 Development of analytical and experimental techniques for determining store airload distributions p 8 A83-13077  
 Vortex theory for hovering rotors p 177 A83-13144  
 The use of multiple coordinate systems to form stiffness matrices of thin-walled structures on the basis of hybrid computational schemes p 354 A83-29283  
 On the determination of the load-carrying capacity of the glass-plastic propeller blade of an aircraft p 338 A83-29294  
 Nondestructive airfield pavement testing using laser technology [AIAA PAPER 83-1601] p 399 A83-33364  
 Linearized two-dimensional oscillatory airforce coefficients and load distributions on thin aerofoils in subsonic flow [ESDU-81034] p 664 N83-32761

## LOAD TESTING MACHINES

Construction of a natural environment aging machine with independent energy supply, for load cycles on aircraft structures  
[SNIAS-831-551-101] p 765 N83-35426

## LOAD TESTS

Design, fabrication and test of graphite/polyimide composite joints and attachments  
[AIAA 83-0907] p 355 A83-29763

Measuring and processing of undercage loading spectra of the L-39 aircraft p 383 A83-30513  
Engineering property comparisons of 7050-T73651, 7010-T7851 and 7010-T73651 aluminum alloy plate p 403 A83-32340

Canadian forces tracker aircraft full-scale fatigue test at the National Aeronautical Establishment p 433 A83-33548

Secondary loading of I-spar caps due to shear deformation of the web p 559 A83-39991

Design, fabrication and testing of an advanced composite access door for use in a lower wing panel [VTH-LR-335] p 61 N83-11251

High frequency fatigue of turbine blade material [AD-A124585] p 458 N83-25713

Graphite/Larc-160 technology demonstration segment test results [NASA-CR-172123] p 637 N83-30539

## LOADING OPERATIONS

A laboratory method for the analysis of helicopter underwing load oscillations [BU-273] p 192 N83-18303

## LOADS (FORCES)

Improved methods for predicting spectrum loading effects Volume 1 Technical summary [AD-A118856] p 193 N83-12077

Improved methods for predicting spectrum loading effects Volume 2 Test data [AD-A118857] p 193 N83-12078

The influence of the ratio of control force to control path in a miniature control element [TUBS/FB-80-01-02] p 205 N83-13117

Operational loads measurement and evaluation [AD-A122163] p 153 N83-14104

Development of curves for estimating aircraft arresting hook loads [AD-A119551] p 156 N83-14119

The repaired runway clearance environment p 178 N83-15290

Experimental and analytical determination of gear tooth temperatures with oil jet lubrication p 185 N83-15530

Development of the vortex ring wake model and its influence on the prediction of rotor loads p 194 N83-17481

Review of rotor loads prediction methods p 194 N83-17484

The development of a system for interdisciplinary analysis of rotorcraft flight characteristics p 236 N83-17485

Comparison of rotor analysis results with aerodynamic windtunnel data p 194 N83-17487

DATAMAP and its impact on prediction programs p 236 N83-17489

Force initiations in helicopter rotor blades, wind channel fans and wind turbines [MBB-UD-356-82-0] p 196 N83-17522

Performance of high-altitude, long-endurance, turboprop airplanes using conventional or cryogenic fuels [NASA-TM-84534] p 207 N83-17530

Application of the finite element method to the solution of transient two-dimensional temperature field for air-cooled turbine blade p 301 N83-18958

Development of fracture mechanics concepts applicable to aircraft structures [AD-A121900] p 302 N83-19135

The phenomenon of dynamic stall p 314 N83-20896

Special finite elements for sheets with loaded circular holes [ARL/STRUC-REPT-392] p 360 N83-22625

Advantage of resonant power conversion in aerospace applications [NASA-TM-83399] p 536 N83-27994

Joining advanced fibre composites p 636 N83-30531

Damage tolerance of fibre composite laminates p 636 N83-30533

Active vibration control of large flexible structures p 644 N83-30729

The vibration test unit, a unique rail vehicle vibration test facility p 632 N83-30774

Modification of flight vehicle vibration modes to account for design changes p 607 N83-30790

The biparametric cycle count method and the principle of simplification p 698 N83-32730

The analysis of load-time histories by means of counting methods — helicopter performance prediction [NLR-MP-82039-U] p 679 N83-32799

A study of small crack growth under transport spectrum loading p 701 N83-34108

## LOCKHEED AIRCRAFT

Model and full-scale studies of the exhaust noise from a bypass engine in flight [AIAA PAPER 83-0751] p 337 A83-28019

Airspeed calibrations on a stretch YC-141B aircraft p 387 A83-32931

Certification of the Lockheed 1011-500 active control system p 687 A83-45850

## LOCKING

Aircraft acceleration sensitive inertia reel lock [AD-A122208] p 250 N83-19723

## LOCKS (FASTENERS)

Aircraft canopy lock [NASA-CASE-FRC-11065-1] p 266 N83-19737

Aircraft acceleration sensitive inertia reel lock [AD-A126739] p 721 N83-34924

## LOG PERIODIC ANTENNAS

A network formulation for phased arrays - Application to log-periodic arrays of monopoles on curved surfaces p 431 A83-35090

## LOG SPIRAL ANTENNAS

Multimode planar spiral for DF applications p 430 A83-35089

## LOGIC

Traffic alert and collision avoidance system logic evaluation Volume 1 Unequipped threat phase [AD-A118256] p 28 N83-11106

## LOGIC CIRCUITS

Traffic Alert and Collision Avoidance System (TCAS) evaluation Volume 2 Equipped threat phase and an assessment in an error-degraded environment [FAA-CT-82-52-2-VOL-2] p 325 N83-22176

## LOGIC DESIGN

Minimum TCAS 2 threat detection and resolution logic status p 145 N83-14089

TCAS 2 threat detection and resolution logic testing p 145 N83-14090

## LOGISTICS

United States Air Force tactical reconnaissance - An analysis and commentary p 186 A83-22574

Depot level reparability, maintainability, and supportability of advanced composites [AIAA PAPER 83-2516] p 728 A83-48360

Increasing future fighter weapon system performance by integrating basing, support and air vehicle requirements [AD-A129039] p 712 N83-34888

## LOGISTICS MANAGEMENT

Designing for supportability and cost effectiveness [AIAA PAPER 83-2499] p 712 A83-49586

Air launched cruise missile Logistics planning problems and implications for other weapons systems [AD-A118129] p 33 N83-11119

A system dynamics policy analysis model of the Air Force engine management system p 339 N83-20950

Decision support systems An approach to aircraft maintenance scheduling in the Strategic Air Command [AD-A123039] p 372 N83-23269

Aircraft availability An acquisition decision strategy [AD-A123060] p 372 N83-23271

POM (Program Objective Memorandum) FY-85 BP 1500 cost growth and leadtime adjustments Research results [AD-A128522] p 654 N83-32667

## LONG TERM EFFECTS

NASA's aviation safety - meteorology research programs p 668 N83-33829

## LONGITUDE

Calculation of the longitudinal stability derivatives and modes of motion for helicopter aircraft [AD-A125593] p 546 N83-28000

## LONGITUDINAL CONTROL

Experiment control in problems of minimax estimation — for aircraft longitudinal control p 69 A83-10455

Piloting techniques on the backside — of drag curve p 169 A83-16927

Nonlinear observers for evaluating the state variables of the longitudinal motion of an aircraft — German thesis p 169 A83-19622

Investigation of the longitudinal motion of a flight vehicle by the method of the separation of motions p 215 A83-20144

Application of vector performance optimization to a robust control loop design for a fighter aircraft p 215 A83-21160

A unifying framework for longitudinal flying qualities criteria p 285 A83-24429

The definition of short-period flying qualities characteristics via equivalent systems p 395 A83-32578

Pilot modeling and closed-loop analysis of flexible aircraft in the pitch tracking task [AIAA PAPER 83-2231] p 621 A83-41709

MIMO controller design for longitudinal decoupled aircraft motion — Multi-Input/Multi-Output [AIAA PAPER 83-2274] p 623 A83-41740

New flying qualities criteria for relaxed static longitudinal stability [AIAA PAPER 83-2104] p 625 A83-41933

Aerodynamics propulsion and longitudinal control requirements for a tilt-nacelle V/STOL with control vanes submerged in the nacelle slipstream [AIAA PAPER 83-2513] p 728 A83-48357

Gain and phase margin as a basis of longitudinal flying qualities evaluation — fighter aircraft p 49 N83-10059

Bandwidth A criterion for highly augmented airplanes p 49 N83-10063

The status of military helicopter handling qualities criteria p 50 N83-10065

Wind-tunnel investigation of longitudinal and lateral-directional stability and control characteristics of a 0.237-scale model of a remotely piloted research vehicle with a thick, high-aspect-ratio supercritical wing [NASA-TM-81790] p 53 N83-11142

TRAGEN Computer program to simulate an aircraft steered to follow a specified vehicle profile User's guide [NASA-CR-166062] p 569 N83-30062

## LONGITUDINAL STABILITY

Effects of control saturation on the command response of statically unstable aircraft [AIAA PAPER 83-0065] p 168 A83-16497

Trimming high lift for STOL fighters [AIAA PAPER 83-0168] p 168 A83-16566

Investigation of the longitudinal motion of a flight vehicle by the method of the separation of motions p 215 A83-20144

Study on longitudinal dynamic characteristics of pilot-airplane system - Approach to the method for studying PIO problem — Pilot-Induced Oscillation p 287 A83-26762

Use of flight test results to improve the flying qualities simulation of the B-52H weapon system trainer [AIAA PAPER 83-1091] p 437 A83-36215

Suggested changes in large aircraft flying qualities criteria [AIAA PAPER 83-2071] p 624 A83-41908

An experimental and theoretical investigation of thick wings at various sweep angles in and out of ground effect [NASA-TP-2068] p 9 N83-10016

Fly by wire control Towards new norms for judging flight qualities An example The Mirage 2000 p 49 N83-10060

Analyzing the role of closed loop systems for a subsonic aircraft with reduced longitudinal stability p 51 N83-10076

Effects of wing height on low-speed aerodynamic characteristics of a model having a 42 deg swept wing, a supercritical airfoil, double-slotted flaps, and a low tail [NASA-TM-X-2794] p 6 N83-11033

Static aerodynamic characteristics of a model with a 17 percent thick supercritical wing [NASA-TM-X-2551] p 12 N83-11074

Static longitudinal aerodynamic characteristics of a model with a modified 17 percent thick supercritical wing [NASA-TM-X-3211] p 13 N83-11081

Aircraft with reduced longitudinal stability [BMFT-FB-W-82-004] p 53 N83-11145

Evaluation of aerodynamic derivatives from Do 28 TNT-free flight model tests [DFVLR-FB-82-17] p 265 N83-18711

High-angle-of-attack stability characteristics of a 3-surface fighter configuration [NASA-TM-84584] p 288 N83-19757

Propeller power effects with wing flaps deflected [ARL/AERO-NOTE-413] p 393 N83-23307

A note on the estimation of longitudinal and lateral aircraft derivatives using semi-empirical methods [CAR-8312] p 679 N83-33878

## LOOP ANTENNAS

Improved airborne HF receive antenna An ILIR report [AD-A118861] p 182 N83-14369

## LOOPS

Handling qualities aspects of CTOL aircraft with advanced flight controls p 50 N83-10064

## LORAN C

Timing a LORAN-C chain p 24 A83-12225

Loran-C RNAV - The best near-term solution to air operations in northeastern North America p 144 A83-18822

Hard limiter performance as a polarity detector for extremely polluted signals — in Loran C navigation systems p 144 A83-19026

- Flight test evaluation of Loran-C in Alaska p 671 A83-46955
- Improved system reliability through master independent operation --- for Loran C p 672 A83-46956
- Flight test investigation of area calibrated LORAN-C for en route navigation in the Gulf of Mexico [FAA-RD-82-7] p 186 N83-12059
- Instrument approach aids for helicopters [FAA-RD-82-6] p 187 N83-12061
- The effects of precipitation static and lightning on the airborne reception of Loran-C Volume 1 Analysis [DOT/FAA/RD-82/45-1] p 217 N83-12299
- Loran-C en route accuracies in the central Appalachian region [FAA-RD-82-24] p 147 N83-15274
- A RF front end interface and AGC modification [NASA-CR-169691] p 147 N83-15276
- A microcomputer-based position updating system for general aviation utilizing Loran-C [NASA-CR-169722] p 148 N83-15277
- LORAN-C grid calibration requirements for aircraft non-precision approach [AD-A121191] p 260 N83-18706
- Application of additional secondary factors to LORAN-C positions for hydrographic operations [AD-A125620] p 514 N83-27972
- LORAN-C nonprecision approaches in the northeast corridor [FAA-RD-82-78] p 515 N83-29192
- Alaska Loran-C flight test evaluation [AD-A128633] p 724 N83-34930
- LOSSES**
- Experimental study on discharge and loss coefficients of combustor swirlers p 43 N83-11042
- LOW ALTITUDE**
- Low-altitude wind measurements from wide-body jet transports [NASA-TM-84538] p 15 N83-10024
- Low altitude navigation augmentation system [AD-A119700] p 147 N83-14100
- LOW ASPECT RATIO**
- Study of highly sweptback wings by the free vortex sheet method [NASA-CR-169559] p 181 N83-13076
- Prediction of natural convection flow pattern in low-aspect ratio enclosures p 561 N83-28364
- LOW ASPECT RATIO WINGS**
- Concerning a type of separated flow on a rectangular wing of small aspect ratio p 492 A83-37260
- The effect of the blunting of the leading edges on the characteristics of separated flow past delta wings of low aspect ratio p 494 A83-37551
- Subsonic compressible-gas separated flow past a low-aspect-ratio wing p 495 A83-37626
- Algorithmic mass-factoring of finite element model analyses [SAWE PAPER 1451] p 643 A83-43733
- The wake of a sideslipping wing in low speed flow [VKI-TN-143] p 192 N83-16301
- LOW COST**
- Unaided tactical guidance flight test results p 20 A83-11140
- The next generation - The Stencel S45 ejection seat development program p 191 A83-15440
- The 'Flying Peanut' - Revolutionary design promises high performance p 192 A83-16400
- Flight testing the Low Cost Inertial Guidance System p 324 A83-29210
- Low cost random vibration testing p 405 A83-31489
- The application of low-cost demonstrators for advanced fighter technology evaluation [AIAA PAPER 83-1052] p 438 A83-36462
- Low cost antenna pointing system --- with computerized control for transmission from aircraft to satellite p 651 A83-42575
- A family of small low cost gas turbines for unmanned vehicle systems p 615 A83-42616
- Development of low cost RPVs under Indian conditions p 600 A83-43701
- Low cost expendable turbojet engines p 616 A83-43711
- LOW DENSITY WIND TUNNELS**
- A study of hypersonic low-density gas flows in low-pressure blowdown wind tunnels using pressure tanks p 373 A83-30680
- Supersonic nozzle design for a low density wind tunnel [INPE-2753-PRE/329] p 631 N83-30437
- LOW FREQUENCIES**
- Measurements of the attenuation of an Army headset [BRB4535] p 309 N83-20704

**LOW GRAVITY MANUFACTURING**

- Preliminary science report on the directional solidification of hypereutectic cast iron during KC-135 low-G maneuvers [NASA-TM-82528] p 470 N83-25854

**LOW REYNOLDS NUMBER**

- Low-Reynolds-number airfoils p 374 A83-31082
- A catalog of low Reynolds number airfoil data for wind turbine applications [RFP-3387] p 665 N83-32772

**LOW SPEED**

- NASA low-speed centrifugal compressor for fundamental research [AIAA PAPER 83-1351] p 464 A83-36353
- A method for predicting low-speed aerodynamic characteristics of transport aircraft [AIAA PAPER 83-1845] p 499 A83-38673
- A projected large low-speed wind tunnel to meet Australian requirements Aerodynamics notes [AD-A118913] p 209 N83-13125
- Design of a new contraction, wide angle diffuser and flow manipulators for the low speed wind tunnel [AD-A119544] p 175 N83-14144
- Low-speed aerodynamic characteristics of a 17-percent-thick medium speed airfoil designed for general aviation applications [NASA-TP-1786] p 191 N83-16290
- The wake of a sideslipping wing in low speed flow [VKI-TN-143] p 192 N83-16301
- Low speed performance of a supersonic axisymmetric mixed compression inlet with auxiliary inlets --- Lewis 9x15-ft anechoic wind tunnel tests [NASA-TM-83435] p 536 N83-27992
- Simplified forms of performance equations [ESDU 80032] p 677 N83-32788

**LOW SPEED STABILITY**

- Low-speed aerodynamic characteristics of a model having a 42 deg swept low wing with a supercritical airfoil, double-slotted flaps, and a T-tail [NASA-TM-X-2582] p 5 N83-11030
- Low-speed aerodynamic characteristics of a 17-percent-thick supercritical airfoil section, including a comparison between wind-tunnel and flight data [NASA-TM-X-2571] p 6 N83-11034
- Hybrid LTA vehicle controllability as affected by buoyancy ratio [NASA-CR-152344] p 204 N83-12099

**LOW SPEED WIND TUNNELS**

- Development and trial of a rotary balance for the 3 M low speed wind tunnels of West Germany p 55 A83-11082
- Low-speed investigation of the maneuver capability of supersonic fighter wings [AIAA PAPER 83-0426] p 134 A83-16708
- A wind tunnel for unsteady turbulent shear flows - Design and flow calculation p 218 A83-19664
- Flat spin of slender bodies at high angles of attack p 286 A83-24879
- Cryogenic wind tunnels for high Reynolds number testing p 398 A83-32175
- Low-speed aerodynamic characteristics of a generic forward-swept-wing aircraft [SAE PAPER 821467] p 496 A83-37998
- Something about to improve the accuracy of testing in low speed wind tunnel p 689 A83-44571
- Exploratory low-speed wind-tunnel investigation of advanced commuter configurations including an over-the-wing propeller design [AIAA PAPER 83-2531] p 732 A83-49590

**LOW TEMPERATURE**

- Application of strain gauges and thermocouples to rotating and stationary hardware p 215 N83-12266
- Fuel/engine/airframe trade-off study: Operational effects of increased freeze point fuels [AD-A121688] p 351 N83-21169

**LOW TEMPERATURE TESTS**

- Feasibility study on strain gauge balances for cryogenic wind tunnels at ONERA [ONERA, TP NO 1982-87] p 206 A83-14539
- The effect of primer-adhesive compatibility on adhesive peel strength at low temperature p 222 A83-20448
- LOW THRUST PROPULSION**
- Complex optimization of engine systems for spacecraft control --- Russian book on low thrust propulsion control p 755 A83-48248

**LOW VISIBILITY**

- Guidance control systems for aircraft on airport surfaces [AIAA PAPER 83-1579] p 429 A83-36953
- Instrument-approach technique for poor-visibility landings p 590 A83-41228
- Automatic landing in bad weather conditions [SNIAS-822-111-106] p 381 N83-23287

**LUBRICANT TESTS**

- Wear and friction of high-temperature self-lubricating composites [ASLE PREPRINT 82-LC-2B-2] p 212 A83-13234
- Lubricant effects on efficiency of a helicopter transmission p 185 N83-15523

**LUBRICANTS**

- Lubricants in bearings and absorbed materials on aircraft fuel lines by infrared emission Fourier microspectrophotometry p 220 N83-13455
- Lubricant effects on efficiency of a helicopter transmission p 185 N83-15523
- Evaluation of lubricants for air compressors [PB82-259003] p 226 N83-16538
- Air Force technical objective document FY 1984 [AD-A123961] p 487 N83-26783

**LUBRICATING OILS**

- Optimization of the oil-change period for aircraft systems and units p 296 A83-26922
- Final evaluation of multi-viscosity oils designed for aircraft reciprocating engines [SAE PAPER 830707] p 691 A83-44685
- Ferrographic and spectrometer oil analysis from a failed gas turbine engine [NASA-TM-82956] p 218 N83-12433
- Behavior of aircraft engine oils at high temperature p 185 N83-15529
- Experimental and analytical determination of gear tooth temperatures with oil jet lubrication p 185 N83-15530
- Spectrometer sensitivity investigations on the spectrometric oil analysis program [AD-A127969] p 638 N83-31752

**LUBRICATION**

- Tribology p 215 N83-12167
- Lubricant effects on efficiency of a helicopter transmission p 185 N83-15523

**LUBRICATION SYSTEMS**

- Full-flow debris monitoring and fine filtration for helicopter propulsion systems p 278 A83-24838
- Optimization of the oil-change period for aircraft systems and units p 296 A83-26922
- Simulation of advanced engine lubrication and rotor dynamics systems - Rig design and fabrication [AIAA PAPER 83-1133] p 450 A83-36238
- Feasibility of dry lubrication for limited-duty gas turbine engines [AIAA PAPER 83-1130] p 475 A83-36405
- Large-bore tapered-roller bearing performance and endurance to 2.4 million DN p 303 N83-20134
- The trend of future gas turbine technology [NASA-TM-83505] p 712 N83-34886

**LUGS**

- Stress analysis of advanced attack helicopter composite main rotor blade root end lug [NASA-TM-84578] p 178 N83-15361
- Fatigue crack growth of corner cracks in lug specimens [VTH-LR-375] p 700 N83-33234

**LUMINANCE**

- Image generation on matrix displays p 611 N83-30418
- Light emitting diodes p 611 N83-30419

**M****MACH NUMBER**

- A theoretical and experimental study of propeller noise [ONERA, TP NO 1982-122] p 305 A83-24333
- The rule of forbidden signals and apparent Mach numbers in supersonic compressor cascades p 580 A83-42560
- Noise generation by a low-Mach-number jet p 769 A83-49462
- Flow quality of NAL two-dimensional transonic wind tunnel Part 1 Mach number distributions, flow anomalies and preliminary study of side wall boundary layer suction [NAL-TR-693] p 179 N83-12043
- Fuel conservation evaluation of US Army helicopters Part 3 UH-1H flight testing [AD-A125667] p 527 N83-27985
- Predicted and flight test results of the performance and stability and control of the space shuttle from reentry to landing p 634 N83-30360
- Comparison of flight and wind tunnel buffeting measurements on the SAAB 105 aircraft p 604 N83-30369
- Wall interference correction improvements for the ONERA main wind tunnels [NASA-TM-76971] p 690 N83-33908
- MACHINING**
- Automated machining of turbine blades by Rolls-Royce p 229 A83-21348

- Manufacturing methods for composite graphite hole generation  
[SAE PAPER 821418] p 557 A83-37976  
Process planning at Sikorsky p 695 A83-44872  
Feasibility study on CNC multipoint grinding of jet engine components using force sensing adaptive control [AD-A121725] p 302 N83-19953

**MAGNET COILS**

- Development of the design concepts for a medium-scale wind tunnel magnetic suspension system  
[NASA-CR-166042] p 176 N83-15320

**MAGNETIC BEARINGS**

- Active control of parameter-excited rotor systems p 642 A83-42962  
The Actdyne active magnetic bearing p 185 N83-15533

**MAGNETIC FIELD CONFIGURATIONS**

- For operation of the Computer Software Management and Information Center (COSMIC)  
[NASA-CR-172904] p 569 N83-30060

**MAGNETIC FIELDS**

- The Actdyne active magnetic bearing p 185 N83-15533  
Airborne measurements of the nsetmes in lightning return stroke fields p 649 N83-31200  
Lightning field spectra obtained from airborne measurements p 649 N83-31201

**MAGNETIC MEASUREMENT**

- Minimum contact magnetic sensing of turbine blade speed p 391 A83-30175  
A critical commentary on magnetic particle inspection p 694 A83-43829

**MAGNETIC RESONANCE**

- Some results and limitations of Prony analysis of in-flight lightning data p 646 N83-31178

**MAGNETIC SHIELDING**

- Design of the CTX diagnostics screen room [DEB-002320] p 176 N83-15321

**MAGNETIC SUSPENSION**

- Development of closed loop roll control for magnetic balance systems  
[NASA-CR-166017] p 208 N83-13122  
Development of the design concepts for a medium-scale wind tunnel magnetic suspension system  
[NASA-CR-166042] p 176 N83-15320  
Magnetic suspension and balance systems, a selected, annotated bibliography  
[NASA-TM-84661] p 549 N83-29273

**MAGNETOHYDRODYNAMICS**

- On the synthesis of the optimal control of a certain hydromagnetic process — with applications in flight vehicle and temperature control p 363 A83-29285

**MAGNETS**

- A samarium cobalt motor-controller for mini-RPV propulsion p 336 A83-27187

**MAGNUS EFFECT**

- Preliminary report on the engineering development of the Magnus Aerospace Corp LTA 20-1 heavy-lift aircraft p 327 A83-28193  
Wind tunnel measurements of the Magnus induced surface pressures on a spinning projectile in the transonic speed regime  
[AIAA PAPER 83-1838] p 499 A83-38667  
Dynamic analysis of the Magnus Aerospace Corporation LTA 20-1 heavy-lift aircraft  
[AIAA PAPER 83-1977] p 522 A83-38908  
Development of the Magnus Aerospace Corporation's rotating-sphere airship  
[AIAA PAPER 83-2003] p 523 A83-38922

**MAINTAINABILITY**

- Serviceability evaluation of advanced composite F-14A main-landing-gear-strut doors and overwing fairings p 185 A83-20480  
The significant elements of the reliability and maintainability programs for the modernized Cobra helicopter weapons/weapons control systems p 406 A83-31499  
Airframe RDT&E cost estimating. A justification for and development of unique cost estimating relationships according to aircraft type  
[AD-A123848] p 417 N83-25656

**MAINTENANCE**

- Development of maintenance concepts for Navy ATE p 1 A83-10778  
Lessons learned from maintenance applications of ATE p 1 A83-10780  
Repairing gas turbine hot section airfoils today  
[SAE PAPER 821487] p 534 A83-38006  
Experiences in repair of hot section gas turbine components  
[SAE PAPER 821490] p 535 A83-38008  
Airfield coatings incorporating polymer materials - Repair and maintenance — Russian book p 689 A83-45029  
Aviation repair association chief interviewed p 176 N83-13064

**Aircraft Dynamic Response to Damaged and Repaired Runways**

- [AGARD-CP-326] p 157 N83-15284  
Minimum operating strip selection procedure p 175 N83-15285

Proposed specifications for international interoperability on repaired bomb damaged runways

- p 175 N83-15286  
Advanced rapid runway repair A stable and flush repaired runway surface p 175 N83-15287  
Evaluation of the pilot papers from the Spring 1981 SMP Meeting p 175 N83-15288  
Application of semi-rigid pavements in rapid runway repair p 175 N83-15289  
The repaired runway clearance environment p 176 N83-15290

- The HAVE BOUNCE Program p 157 N83-15291  
Influence of mathematic modelling of undercarriages on the prediction of aircraft loads due to damaged and repaired runways p 157 N83-15292  
Development of a cost effective approach to modelling aircraft response to repaired runways p 157 N83-15293

- Predicted and measured landing gear loads for the NF-5 aircraft taxiing over a bumpy runway p 157 N83-15296  
Landing gear shock absorber development to improve aircraft operating performance on rough and damaged runways p 158 N83-15299

- Roughness considerations for transport aircraft p 158 N83-15300

- A fighter landing gear for the 1980's p 158 N83-15301

- Maintenance of airport visual aid facilities Advisory circular [AC-150/5340-26] p 219 N83-18352

- Recommendations as to the elaboration of operational reliability, maintenance cost and availability clauses in aeronautical equipment supply contracts p 303 N83-20180

- A failure diagnosis methodology — jet aircraft engines p 304 N83-20232

- Avionics software support cost model p 335 N83-22147

- Design of a software maintenance facility for the RAF p 364 N83-22150

- On aircraft test software for first line maintenance p 364 N83-22152

- Questions and answers concerning runway 18 West [FACHTHEMEN-2] p 400 N83-23321

- The runways of the Frankfurt Main airport. Air traffic lifelines [FACHTHEMEN-3] p 400 N83-23322

- Multiplication effects due to wages, salaries and commissions paid at the airport [FACHTHEMEN-4] p 400 N83-23323

- An evaluation of the pavement condition index prediction model for rigid airfield pavements [AD-A123002] p 402 N83-24524

- The effects of the Production Oriented Maintenance Organization (POMO) concept on ADTAC aircraft maintenance productivity and quality [AD-A123981] p 416 N83-25655

- Advisory circular Building for storage and maintenance of airport snow removal and ice control equipment: A guide [FAA-AC-150/5220-15] p 560 N83-28283

- Large airplane operations on contaminated runways [PB83-917003] p 510 N83-29189

- Rapid runway repair program subtask 1 08 Concrete cutting equipment evaluation [AD-A127336] p 631 N83-30440

- Repair of graphite/epoxy composites p 638 N83-30535

- Optimization of long range major rehabilitation of airfield pavements [AD-A127579] p 632 N83-31613

- Polymer concrete patching manual [PB83-180265] p 647 N83-31912

- Aircraft accident report: Coin Acceptors, Inc., Cessna model 551, Citation 2, N2CA, Mountain View, Missouri, November 18, 1982 [PB83-910404] p 720 N83-34922

- Program Management Plan (PMP) for Rapid Runway Repair (RRR) [AD-A128565] p 754 N83-34957

- The effects of weather on rapid runway repair, volume 1 [AD-A130409] p 754 N83-36040

- MAN ENVIRONMENT INTERACTIONS**  
Production of ice particles in clouds due to aircraft penetrations p 566 A83-39120

- Human factors in air safety p 320 N83-23234

**MAN MACHINE SYSTEMS**

- Advanced speech technology in fighter cockpits - A new perspective on issues and applications p 19 A83-11125

- An optimal control approach to the design of moving flight simulators p 218 A83-19949

- Human factors in the application of large screen electronic displays to transport flight station design p 269 A83-26312

- A comparison of color versus black and white visual display as indicated by bombing performance in the 2B35 TA-4J flight simulator p 269 A83-26313

- Study on longitudinal dynamic characteristics of pilot-airplane system - Approach to the method for studying PIO problem — Pilot-Induced Oscillation p 287 A83-26762

- Compensation for time delay in flight simulator visual-display systems p 464 A83-36222

- [AIAA PAPER 83-1080] Integrated task-tailored control augmentation synthesis — for multi-axis air-to-air tracking p 620 A83-41697

- [AIAA PAPER 83-2215] Hovering limit cycles - A man-in-the-loop approach [AIAA PAPER 83-2232] p 621 A83-41710

- An optimal control approach to pilot/vehicle analysis and the Neal-Smith criteria p 687 A83-45462

- Flight experiments with integrated isometric side-arm controllers in a variable stability helicopter p 50 N83-10068

- Prediction of aircraft handling qualities using analytical models of the human pilot p 52 N83-10079

- Simulation for predicting flying qualities p 52 N83-10080

- An optimal control model approach to the design of compensators for simulator delay p 32 N83-11113

- [NASA-CR-3604] Analysis and modeling of information handling tasks in supervisory control of advanced aircraft p 205 N83-13116

- [AD-A119067] Application of advanced speech technology in manned penetration bombers [AD-A119274] p 219 N83-13344

- Utility of traffic advisory information p 146 N83-14093

- Pictorial formats Volume 3 Literature review [AD-A119223] p 155 N83-14114

- Pictorial formats Volume 1 Format development [AD-A119222] p 155 N83-14115

- Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 2 Program plan, test data and analysis [AD-A119704] p 155 N83-14117

- Benefits assessment of active control technology and related cockpit technology for rotorcraft [NASA-CR-168406] p 217 N83-17553

- Impact of ergonomic studies on the design of civil aircraft cockpits p 267 N83-20184

- Multi-man flight simulator [NASA-CR-166449] p 359 N83-21210

- Towards a veritable supervisor program for avionics software p 334 N83-22116

- The remote link unit: A demonstration of operational performance Part 2 User's manual [AD-A124620] p 476 N83-25938

- Man-vehicle systems research facility Design and operating characteristics [NASA-TM-84372] p 548 N83-28006

- Evaluation of an airborne terminal for a digital data link in aviation [DFVLR-FB-83-05] p 516 N83-29196

- The 5th Advanced Aircrew Display Symposium Proceedings [AD-A126132] p 531 N83-29206

- General review of military applications of voice processing p 701 N83-34180

- A survey of equipment and research p 701 N83-34185

- MAN POWERED AIRCRAFT**  
Stability and control of the Gossamer human powered aircraft by analysis and flight test [NASA-CR-3627] p 11 N83-11062

- MANAGEMENT**  
Small airport management handbook [PB83-194043] p 754 N83-34959

- MANAGEMENT ANALYSIS**  
Airport pavement management - A total system [AIAA PAPER 83-1600] p 399 A83-33363

- MANAGEMENT METHODS**  
A qualitative analysis of SAC aircraft maintenance [AD-A122815] p 311 N83-20908

- MANAGEMENT PLANNING**  
Techniques for system readiness analysis p 70 A83-11155

- Forecasting in air transport - A critical review of the techniques available p 318 A83-29966

- Fleet planning models --- in airline operations p 318 A83-29967
- The engineering investigation of aircraft accidents p 198 N83-17497
- Air Traffic Control in Face of Users' Demand and Economy Constraints [AD-A127146] p 325 N83-22177
- Fuel conservation and economy constraints p 362 N83-22179
- Program Management Plan (PMP) for Rapid Runway Repair (RRR) [AD-A128565] p 754 N83-34957
- MANAGEMENT SYSTEMS**
- Flight management computers (FMS) p 618 A83-40881
- Flight management systems - What are they and why are they being developed? [AIAA PAPER 83-2235] p 621 A83-41712
- Flight management systems - Where are we today and what have we learned? [AIAA PAPER 83-2236] p 622 A83-41713
- Flight Management Systems III - Where are we going and will it be worth it? [AIAA PAPER 83-2237] p 622 A83-41714
- MANEUVERABILITY**
- Development of a flight test maneuver autopilot for a highly maneuverable aircraft [AIAA PAPER 83-0061] p 168 A83-18493
- Advanced composite materials in aerobatic aircraft p 203 A83-20496
- Aircraft maneuver mechanics with turning of the power-plant thrust vector p 216 A83-22076
- The construction of augmented tracking regulators for piloting highly maneuverable aircraft [ONERA, TP NO 1982-118] p 284 A83-24329
- Configuration development of a research aircraft with post-stall maneuverability p 439 A83-36915
- Aerodynamic design for improved maneuverability by the use of three-dimensional transonic theory [AIAA PAPER 83-1859] p 521 A83-38686
- Aerodynamic characteristics of maneuvering flaps p 8 N83-10004
- The status of military helicopter handling qualities criteria p 50 N83-10065
- The impact of active control on helicopter handling qualities p 50 N83-10066
- Operational criteria for the handling qualities of combat helicopters p 50 N83-10067
- Stability and control for high angle of attack maneuvering p 50 N83-10069
- A control model for maneuvering flight for application to a computer flight testing program [NLR-MP-81046-U] p 207 N83-17531
- Designing improved tracking regulators for piloting highly maneuverable aircraft --- fighter aircraft p 342 N83-22095
- Experimental study of wing leading-edge devices for improved maneuver performance of a supercritical maneuvering fighter configuration --- Langley 7- by 10 ft high speed tunnel tests [NASA-TP-2125] p 316 N83-22162
- Flight test experience on military aircraft engine handling p 541 N83-29248
- Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing. A comparison between wind tunnel and flight results for aerodynamic performance p 603 N83-30361
- Combat performance evaluation of fighter aircraft. A suite of FORTRAN-IV programs based on energy maneuverability theory [AD-A128263] p 608 N83-31599
- MANEUVERABLE REENTRY BODIES**
- Aerospace technology demonstrators/research and operational options [AIAA PAPER 83-1054] p 438 A83-36465
- MANEUVERS**
- The maneuver acceleration parameter - A figure of merit for evaluating missile miss distance performance [AIAA PAPER 83-2199] p 591 A83-41684
- MANGANESE COMPOUNDS**
- The removal of metals from a jet fuel using a manganese catalyst p 350 A83-28775
- MANUAL**
- Effects of wind on the aircraft optimum cruise performance and flight performance advisory systems for F-4E and F-5E aircraft [AD-A125587] p 527 N83-27984
- MANUAL CONTROL**
- The 3 ring canopy release system p 183 A83-15416
- 'A total G-force environment dynamic flight simulator' - A new dimension in flight simulation [AIAA PAPER 83-0139] p 171 A83-16548
- Bring cohesion to handling-qualities engineering p 434 A83-35772
- The integrated manual and automatic control of complex flight systems [NASA-CR-170099] p 342 N83-20951
- Enhanced manual controllability via active control of aeroelastic vehicles [NASA-CR-170118] p 342 N83-20952
- Angle-of-attack feedback in manual aircraft control p 751 N83-34954
- MANUALS**
- Development and validation of the V/STOL aerodynamics and stability and control manual p 312 A83-29020
- Automatic Carrier Landing System (ACLS) category 3 certification manual [AD-A118181] p 57 N83-11147
- MANUFACTURING**
- Manufacturing methods for composite graphite hole generation [SAE PAPER 821418] p 557 A83-37976
- Manufacturing processes for aeronautical structures p 227 N83-17620
- Effects of manufacturing processes on structural allowables [AD-A122963] p 404 N83-23426
- Manufacturing Methods and Technology (MM&T) specifications for miniature cathode ray tube [AD-A127160] p 645 N83-30921
- Use of small crack data to bring about and quantify improvements to aircraft structural integrity p 680 N83-34099
- MAP MATCHING GUIDANCE**
- Comparison of some matching methods --- for aircraft and missile navigation p 22 A83-11219
- MAPPING**
- Importance of topographic features and tactical annotations on maps used by Army aviators for nap-of-the-earth flight [AD-A118101] p 28 N83-11107
- Wellborne inertial navigation system [DE83-004012] p 594 N83-31593
- MAPS**
- Airborne electronic terrain map display - An update p 35 A83-11135
- AISA - Program for automated treatment of aeronautical data --- for civil aviation applications p 462 A83-35598
- Low altitude navigation augmentation system [AD-A119700] p 147 N83-14100
- MARAGING STEELS**
- Development of a cryogenic windtunnel balance [KB-TE-1-1173] p 632 N83-31611
- MARINE BIOLOGY**
- Sublethal effects of JP-4 on *Lepomis macrochirus* [AD-A128618] p 758 N83-35163
- MARINE ENVIRONMENTS**
- First results of boundary layer research flights with three powered gliders during the field experiment PUKK p 188 A83-18996
- The use of non-rigid airships for Maritime patrol in Canada [AIAA PAPER 83-1971] p 508 A83-38903
- Manne gravity measurement from fixed wing aircraft p 696 A83-46111
- MARINE PROPULSION**
- New concept in hovercraft design diesel versus gas turbines p 485 A83-34860
- MARINE TECHNOLOGY**
- Integrated navigation Actual and potential - Sea-air-space, Proceedings of the International Congress, Paris, France, September 21-24, 1982 Volumes 1 & 2 p 254 A83-24851
- Impact-resistant transparencies for manne service --- windscreens for aircraft [ASME PAPER 82 WA/OCE-4] p 295 A83-25686
- MARINE TRANSPORTATION**
- Alternative fuel technology series Volume 1 Alternative fuels for transport [ISBN-0-902937-63-4] p 555 N83-29414
- MARITIME SATELLITES**
- The tracking of ship routes via satellites p 513 A83-38935
- GPS for Manne navigation p 723 A83-48734
- MARKERS**
- Identification of exit taxiways (retroreflective markers only) [AD-A117487] p 58 N83-11151
- MARKET RESEARCH**
- Forecasting in air transport A critical review of the techniques available p 318 A83-29966
- Fleet planning models --- in airline operations p 318 A83-29967
- The helicopter preliminary design process p 385 A83-31812
- Overview of the air cargo industry [AIAA PAPER 83-1607] p 380 A83-33369
- Flight frequency determination p 668 A83-46776
- Airline requirements for future civil transport aircraft [AIAA PAPER 83-2501] p 719 A83-48354
- Civil transport aircraft design methodology [AIAA PAPER 83-2463] p 731 A83-49579
- Transport aircraft requirements - How much? How soon? How to pay? [AIAA PAPER 83-2504] p 720 A83-49588
- The return of the propeller airplane [SNIAS-822-111-102] p 389 N83-24501
- MARKETING**
- Applications and market potentials for the light utility airship concept [AIAA PAPER 83-1975] p 489 A83-38906
- A survey of equipment and research p 701 N83-34185
- MARKING**
- A state-of-the-art survey of the development of taxiway guidance and control systems [AD-A117520] p 58 N83-11150
- MARKOV PROCESSES**
- Reliability analysis of a dual-redundant engine controller p 556 A83-37289
- Interactive reductions in the number of states in Markov reliability analysis [AIAA PAPER 83-2304] p 650 A83-41761
- Models and techniques for evaluating the effectiveness of aircraft computing systems [NASA-CR-170229] p 411 N83-24184
- MASS**
- Design of helicopter rotor blades for optimum dynamic characteristics [NASA-CR-169940] p 266 N83-18716
- MASS BALANCE**
- Analytical consequences of increasing the mass of a glider p 189 A83-14617
- MASS DISTRIBUTION**
- Optimal mass distribution between the stages of a two-stage aircraft for maximization of the flight cruise range p 516 A83-37267
- Apparent-mass coefficients for isosceles triangles and cross sections formed by two circles --- in slender body fuselage aerodynamics p 675 A83-43973
- Added fluid mass and the equations of motion of a parachute p 715 A83-48145
- MASS FLOW**
- The MCA method, a flight test technique to determine the thrust of jet aircraft in flight --- Mass Consumption Acceleration p 202 A83-19661
- Aerodynamic research on Tipvane windturbines [PB83-147413] p 479 N83-27476
- Pressure recovery of axisymmetric intakes at subsonic speeds [ESDU-80037] p 663 N83-32753
- MASS FLOW RATE**
- The transient performance of turbojet engines and axial compressors p 447 A83-35847
- High accuracy fuel flowmeter phase 1 [NASA-CR-167893] p 359 N83-21314
- MASS SPECTROSCOPY**
- Analytical techniques for aromatic components in aircraft fuels [AD-A118838] p 211 N83-12252
- MASS TRANSFER**
- A study of the effect of the combustion process on mass transfer in the primary zone of the combustion chamber of a gas-turbine engine p 614 A83-42150
- Curvature effects on the heat transfer performance of three-dimensional film cooling of gas turbine blades [AD-A119729] p 164 N83-14131
- MASSACHUSETTS**
- Aircraft accident report World Airways, Inc. Flight 30H, N112WA McDonnell Douglas DC-10 30, Boston Logan International Airport, Boston, Massachusetts January 23, 1982 [PB82 910415] p 248 N83-18698
- MATCHED FILTERS**
- Symbolic pattern matching for target acquisition p 24 A83-11460
- MATERIALS HANDLING**
- Model of a cryogenic liquid-hydrogen pipeline for an airport ground distribution system p 648 A83-43641
- MATERIALS SCIENCE**
- Materials for the manufacture of aircraft instruments and structures --- Russian book p 58 A83-10466
- Military propulsion technology III - Materials are the key --- for fighter aircraft engines p 177 A83-18950
- Highly stressed materials, with aviation considered as an example --- Book p 467 A83-33951
- Materials in the mirror of aviation criteria p 434 A83-33952
- Material, structural component, service life --- of aircraft construction materials p 468 A83-33953
- Fluoroelastomers --- materials for hostile fluid environments p 469 A83-36066

- Universities - Have they a role in aeronautical research?  
Structures and materials p 642 A83-42618  
Specific examples of aerospace applications of composites p 227 N83-17621

**MATERIALS TESTS**

- Ultrasonic tomography for nondestructive evaluation p 63 A83-11505  
The development and application of a full-scale wide-body test article to study the behavior of interior materials during a post crash fuel fire p 173 A83-18373  
Eddy current impedance plane analysis p 231 A83-22410  
Application of fracture mechanics for selection of metallic structural materials --- Book p 295 A83-25317  
Design, materials selection and failure analysis p 295 A83-25325  
A building block approach to design verification testing of primary composite structure p 356 A83-29775  
[AIAA 83-0947]  
The influence of defects on the operational strength of disks and wheels in engines p 472 A83-33964  
Effect of defect on the behaviour of composites p 551 A83-40215  
A quality control test to determine the propensity for Lueders lines formation in 2024-T3 p 634 A83-41025  
Status report 1981 on the German BMFT-sponsored programme 'Ceramic components for vehicular gas turbines' p 756 A83-48309

**MATHEMATICAL MODELS**

- Cumulative damage and life-estimations in fatigue p 64 A83-12660  
Reliability model for planetary gear trains [ASME PAPER 82-DET-81] p 65 A83-12777  
A study of transverse turbulent jets in a cross flow --- for gas turbine combustion process modelling p 42 A83-13100  
Robust model following systems p 220 A83-16146  
Engineering safety analysis via destructive numerical experiments p 215 A83-16198  
The module concept in a mathematical model of a turboprop engine p 161 A83-16878  
Aeroelasticity of helicopter rotors in forward flight p 180 A83-17316  
Modeling the spatial distribution of aircraft on visual flight rules p 253 A83-24040  
A computer model for gas turbine blade cooling analysis [ASME PAPER 82-JPGC-GT-6] p 279 A83-25267  
Statistical modeling of ballistic damage and residual strength in composite structures p 351 A83-26790  
[AIAA 83-1002]  
Microeconomic models for process development p 472 A83-33650  
Dynamic modeling of an air cushion vehicle p 486 A83-35054  
The prediction of performance of turbojet engine with distorted inlet flow and its experimental studies p 446 A83-35832  
Numerical simulation of airfoil ice accretion [AIAA PAPER 83-0112] p 428 A83-36042  
Progress in propulsion system/airframe structural integration [AIAA PAPER 83-1123] p 437 A83-36234  
Application of 3D aerodynamic/combustion model to combustor primary zone study [AIAA PAPER 83-1265] p 454 A83-36316  
Mathematical models of the acoustic properties of propellers p 458 A83-36792  
Finite-element mathematical model of a gas turbine engine in unsteady flow p 531 A83-37252  
Supersonic flow field analysis for a twin-engine aircraft model p 493 A83-37521  
Mathematical modeling of gas-turbine engines with heat regeneration p 615 A83-42154  
Development of a mathematical model of a flight vehicle and the experimental verification of its reliability p 599 A83-42888  
A mathematical model on the thermal behaviour of an aircraft cabin --- Thesis p 676 A83-46691  
A mathematical model of a single main rotor helicopter for piloted simulation [NASA-TM-84281] p 48 A83-10051  
Life and reliability models for helicopter transmissions [NASA-TM-82976] p 67 A83-10425  
An adjustment method and engineering realization for control curves of the 2-variable function p 32 A83-11045  
Modeling methodology for MLS range navigation system errors using flight test data [NASA-CR-166411] p 27 A83-11101  
A model for prediction bird and ice impact loads on structures [AD-A119408] p 184 A83-14543

- Computations and turbulent flow modeling in support of helicopter rotor technology [NASA-CR-169927] p 244 A83-18662  
Methods for generating aircraft trajectories [AD-A122386] p 331 A83-20936  
Improving calculations of wall effects in industrial wind tunnels at ONERA p 348 A83-20968  
Designing improved tracking regulators for piloting highly maneuverable aircraft --- fighter aircraft p 342 A83-22095

- Numerical calculations of turbulent buoyant flow in aircraft cabins [FAA-CT-82-61] p 319 A83-22170  
Computer simulation of an aircraft seat and occupant in a crash environment, volume 1 [FAA-CT-82-33-1-VOL-1] p 319 A83-22171  
Flight dynamics analysis and simulation of heavy lift airships Volume 2 Technical manual [NASA-CR-166471-VOL-2] p 344 A83-22208  
Numerical simulation of an electrothermal deicer pad [NASA-CR-168097] p 380 A83-23281  
Analytical modeling of transport aircraft crash scenarios to obtain floor pulses [NASA-CR-166089] p 381 A83-24488  
Aerodynamic model identification from dynamic flight test data and wind tunnel experiments [VTH-LR-361] p 505 A83-27967  
Unsteady flow effects in combustor systems p 562 A83-29232  
Models for predicting tip clearance changes in gas turbines p 541 A83-29255  
Aerodynamic model identification from dynamic flight test data and wind tunnel experiments p 604 A83-30371

- Correlation aspects of analytical, wind tunnel and flight test results for a hingeless rotor helicopter p 604 A83-30373

- The evaluation of some collision models used for Monte-Carlo calculations of diatomic rarefied hypersonic flows [IC-AERO-82-03] p 583 A83-30396  
Acceleration factors for climb and descent rates at constant EAS, CAS, M [ESDU-81046] p 678 A83-32792  
Radiation of sound from unflanged cylindrical ducts [NASA-CR-172171] p 705 A83-33591  
A mathematical model for the doubly fed wound rotor generator [NASA-TM-83454] p 702 A83-34192  
Evaluation of irrelastic constitutive models for nonlinear structural analysis p 703 A83-34357  
Correction and improvement of CARE 3 Version 3 [NASA-CR-166122] p 705 A83-34591

**MATHEMATICAL PROGRAMMING**

- Initial design of stringer stiffened bend boxes using geometric programming p 232 A83-23149  
Structural optimization with dynamic behavior constraints [AIAA 83-0936] p 355 A83-29766

**MATRICES (MATHEMATICS)**

- Static aeroelastic analysis of flexible wings via NASTRAN, part 1 [AD-A124662] p 477 A83-26099  
A note on adaptive wind tunnels with imperfect control p 466 A83-26792  
CAD of control systems Application of nonlinear programming to a linear quadratic formulation [NASA-CR-172151] p 562 A83-29448

**MATRIX MATERIALS**

- Advanced Materials Technology [NASA-CP-2251] p 210 A83-12147  
Polymer materials research at NASA Ames Research Center p 210 A83-12150  
Polymer matrix composites research at NASA Lewis Research Center p 210 A83-12151  
Research on ultra-high-temperature materials, monolithic ceramics, ceramic matrix composites and carbon/carbon composites p 211 A83-12161  
Material characterization Part B Mechanical properties of 2 metal matrix composite materials [AD-A119829] p 225 A83-16402

**MATRIX METHODS**

- Application of the matrix method of forces for the calculation of aircraft structures p 232 A83-23221

**MAXIMUM LIKELIHOOD ESTIMATES**

- Application of maximum likelihood estimation to the identification of the stability derivatives of a wide body transport aircraft p 460 A83-35121  
A comparison of minimizing strategies for maximum likelihood identification --- stability and control derivatives of wide body aircraft p 567 A83-37085  
Adaptive flutter suppression, analysis and test p 346 A83-22219

**MCDONNELL DOUGLAS AIRCRAFT**

- A McDonnell Douglas perspective - Commercial aircraft for the next generation [AIAA PAPER 83-2502] p 731 A83-49587

**MEASUREMENT**

- Measurements in the wake of an infinite swept airfoil [NASA-CR-169464] p 13 A83-11086  
A study of noise metric and tone correction accuracy [NASA-CR-165910] p 304 A83-20445

**MEASURING INSTRUMENTS**

- Optimal complexing of measuring instruments in short-range navigation systems p 17 A83-10803  
Optimal processing of the correction data of an aircraft fuel-measurement system p 159 A83-19177  
Microwave ice Accretion Measurement Instrument /MIAMI/ p 208 A83-22163  
Improved fatigue life tracking procedures for Navy aircraft structures [AIAA 83-0805] p 334 A83-29807  
Methods of laser Doppler anemometry -- Russian book p 559 A83-40605  
Development and test of a Microwave Ice Accretion Measurement Instrument (MIAMI) [NASA-CR-3598] p 159 A83-14123  
A precision inertial angular vibration measuring system p 644 A83-30758  
Airspeed and wind shear measurements with an airborne CO2 CW laser p 735 A83-34898

**MECHANICAL DEVICES**

- Mechanism case studies VI [ASME PAPER 82-DET-47] p 65 A83-12772  
Low cost random vibration testing p 405 A83-31489  
The dynamics of spatial linked quadrangle chains p 643 A83-42986

**MECHANICAL DRIVES**

- Fault Detection/Location System for intermediate and tail rotor gearboxes p 299 A83-24835  
Evaluation of lubricants for air compressors [PB82-259003] p 226 A83-16538  
Advances in traction drive technology [NASA-TM-83397] p 561 A83-28455  
Energy efficient engine Core engine bearings, drives and configuration Detailed design report [NASA-CR-165376] p 617 A83-30430

**MECHANICAL ENGINEERING**

- Israel Conference on Mechanical Engineering, 16th, Technion - Israel Institute of Technology, Haifa, Israel, July 13, 14, 1982, Proceedings p 231 A83-22318  
The application of aeronautical technology to the construction of machines and vehicles p 710 A83-47214

**MECHANICAL IMPEDANCE**

- Vibration analysis of a helicopter plus an externally-attached structure p 607 A83-30769

**MECHANICAL MEASUREMENT**

- Surface finish measurement studies p 292 A83-18765

**MECHANICAL PROPERTIES**

- Effects of cobalt in nickel-base superalloys p 223 A83-21467  
The relationship between structure, properties and processing in powder metallurgy superalloys p 224 A83-21493  
Graphite/epoxy material characteristics and design techniques for airborne instrument application p 225 A83-22595  
Fracture tough composites - The effect of toughened matrices on the mechanical performance of carbon fiber reinforced laminates p 294 A83-23642  
Design, materials selection and failure analysis p 295 A83-25325  
Kevlar aramid as a fiber reinforcement with emphasis on aircraft p 552 A83-40286  
The strength of GTE structural elements under low-cycle loading p 615 A83-42877  
Preliminary development of the XV (Ex-Vee) aircrew restraint [AD-A118991] p 139 A83-14079  
Rotordynamic Instability Problems in High-Performance Turbomachinery [NASA-CP-2250] p 186 A83-15629  
Material characterization Part B Mechanical properties of 2 metal matrix composite materials [AD-A119829] p 225 A83-16402  
Impact behavior of fibrous composition and metal substructures [AD-A121618] p 296 A83-18858  
Physical properties data compilations relevant to energy storage Part 5 Mechanical properties data on alloys for use in flywheels p 296 A83-18904  
Design and construction of 2 transonic airfoil models for tests in the NASA Langley C 3-M TCT [NASA-TM-85325] p 401 A83-23326



- Properties of thick sheets of 2124 T351 alloy  
[SNIA8-822-111-109] p 404 N83-23423
- Effects of manufacturing processes on structural  
allowables p 404 N83-23426
- [AD-A122963] p 404 N83-23426
- The chemical and physical properties of JP-4 for 1980  
- 1981 p 404 N83-23469
- [AD-A122965] p 404 N83-23469
- Investigation of crew restraint system biomechanics  
[AD-A126199] p 510 N83-29190
- Lectures on Composite Materials for Aircraft  
Structures p 635 N83-30523
- [ARL/STRUC-REPT-394] p 635 N83-30523
- Introduction to Lectures on Composite Materials for  
Aircraft Structures p 635 N83-30524
- Component form and manufacture p 635 N83-30529
- Preliminary engineering study quick opening valve MSFC  
high Reynolds number wind tunnel (study report  
appendices) p 690 N83-33906
- [NASA-CR 170849] p 690 N83-33906
- MEDICAL SERVICES**
- Experiences in medical coverage of airport disasters at  
Logan International Airport in Boston p 509 A83-40356
- MELTING POINTS**
- Evaluation of methods for rapid determination of freezing  
point of aviation fuels p 60 N83-10207
- [NASA-CR-167981] p 60 N83-10207
- MEMBRANES**
- The development of quartz-membrane pressure  
transducers at the Aeronautical Research and Test  
Institute p 644 A83-43815
- MERCURY CADMIUM TELLURIDES**
- Infrared fiber early warning receiver p 682 A83-46640
- MESH**
- Instabilities of geared couplings Theory and practice  
p 187 N83-15634
- Calculation of transonic potential flow around a  
wing-body-tail combination p 378 N83-24482
- [AD A124247] p 378 N83-24482
- Tests for inlet distortion in a two-spool turbojet engine  
on the ground test bed p 683 N83-32733
- MESOMETEOROLOGY**
- Short-range prediction of mesoscale windfields  
p 409 A83-30567
- MESSAGE PROCESSING**
- F-16 voice message system study p 19 A83-11121
- Computer B (National Airspace System Automated  
Radar Terminal Systems) communications support  
[FAA-PM-83-16] p 407 N83-24742
- METAL BONDING**
- The use of composite patches for repair of aircraft  
structural parts p 3 A83-12968
- Cold-setting adhesives for repair purposes using various  
surface preparation methods p 210 A83-15874
- Service history of phosphoric acid anodized aluminum  
structure --- with adhesive bonding for aircraft  
construction p 185 A83-20479
- Sealants - Uses in composite structures p 293 A83-23615
- Adhesive stress-strain properties relative to fatigue life  
of titanium bonded to graphite reinforced plastic  
p 294 A83-23616
- Further industrial tests of ceramic thermal barrier  
coatings p 42 N83-10045
- [NASA TP 2057] p 42 N83-10045
- Design and fabrication of realistic adhesively bonded  
joints p 408 N83-24876
- [NASA-CR-166099] p 408 N83-24876
- METAL COATINGS**
- Recent developments in high temperature coatings for  
gas turbine airfoils p 634 A83-42254
- GATOR-GARD applied coatings extend service lives of  
critical aerospace components p 696 A83-45869
- [SAE PAPER 820611] p 696 A83-45869
- Erosion-corrosion of coatings and superalloys in high  
velocity hot gases p 757 A83-49481
- METAL FATIGUE**
- NDE of fastener hole cracks by the electric current  
perturbation method p 214 A83-15192
- Develop in-flight acoustic emission monitoring of aircraft  
to detect fatigue crack growth p 195 A83-15197
- The interaction of high temperature corrosion and  
mechanical properties of alloys p 224 A83-21470
- Practical application of a model for fatigue damage with  
irregular cyclic loading p 224 A83-21757
- An improved methodology for predicting random  
spectrum load interaction effects on fatigue crack  
growth p 224 A83-21802
- Metallurgical instabilities during the high temperature low  
cycle fatigue of nickel-base superalloys p 224 A83-22019
- Improved damage-tolerance analysis methodology  
[AIAA 83-0863] p 355 A83-29751
- The fatigue strength of compressor disks p 408 A83-32387
- Investigation methods on residual stresses in aero  
engines components p 449 A83-35879
- The effect of macrostructure on the fatigue behavior of  
Ni base superalloys p 469 A83-36166
- Investigation of the fatigue and crack propagation  
properties of X7091-T7E69 extrusion p 550 A83-37836
- Titanium fan disc Structural Life Prediction/Correlation  
program p 557 A83-37985
- [SAE PAPER 821437] p 557 A83-37985
- Influence of overloads and block loading sequences on  
mode III fatigue crack propagation in A469 rotor steel  
p 551 A83-39075
- Estimation of the thermal fatigue strength of the blades  
of full-scale gas-turbine engines p 613 A83-41596
- High frequency fatigue of turbine blade material  
[AD-A124585] p 458 N83-25713
- A survey of serious aircraft accidents involving fatigue  
fracture Volume 1 Fixed-wing aircraft p 510 N83-29187
- [NAE-AN-7] p 510 N83-29187
- A survey of serious aircraft accidents involving fatigue  
fracture Volume 2 Rotary-wing aircraft p 510 N83-29188
- [NAE-AN-8] p 510 N83-29188
- Evaluation of small cracks in airframe structures  
p 646 N83-31062
- Statistical and vibratory fatigue limit characteristics of  
aluminum cast alloys p 692 N83-32712
- Additionally compressed titanium fine cast  
components p 692 N83-32713
- Economic mveting --- metal fatigue p 697 N83-32714
- Fatigue crack growth of corner cracks in lug  
specimens p 700 N83-33234
- [VTH LR-375] p 700 N83-33234
- METAL FIBERS**
- Strain isolated ceramic coatings  
[ASME PAPER 83 GT-223] p 762 A83-48021
- METAL FINISHING**
- Annual Airline Plating and Metal Finishing Forum, 18th,  
Orlando, FL, March 16-18, 1982, Proceedings p 695 A83-45863
- METAL FOILS**
- Metal honeycomb to porous wireform substrate diffusion  
bond evaluation p 559 A83-39620
- METAL MATRIX COMPOSITES**
- High-temperature composites - Status and future  
directions p 551 A83-40129
- Evaluation of low-cost aluminum composites for aircraft  
engine structural applications p 470 N83-25790
- [NASA-TM 83357] p 470 N83-25790
- METAL PARTICLES**
- The removal of metals from a jet fuel using a manganese  
catalyst p 350 A83-28775
- METAL PLATES**
- Engineering property comparisons of 7050-T73651,  
7010-T7651 and 7010-T73651 aluminum alloy plate  
p 403 A83-32340
- In-depth survey report of American Airlines plating  
facility p 647 N83-31916
- [PB83-187799] p 647 N83-31916
- Buckling of outstanding flanges direct stresses varying  
linearly or parabolically p 699 N83-33194
- [ESDU-80035] p 699 N83-33194
- METAL POLISHING**
- Evaluation of the efficiency of the diamond burnishing  
of gas-turbine-engine parts p 558 A83-39511
- METAL POWDER**
- Powder metallurgy of titanium alloys --- Book  
p 403 A83-32599
- METAL SHEETS**
- A quality control test to determine the propensity for  
Lueders lines formation in 2024-T3 p 634 A83-41025
- Special finite elements for sheets with loaded circular  
holes p 360 N83-22625
- [ARL/STRUC-REPT-392] p 360 N83-22625
- Properties of thick sheets of 2124 T351 alloy  
[SNIA8-822-111 109] p 404 N83-23423
- METAL SURFACES**
- Application of fracture mechanics for selection of  
metallic structural materials --- Book p 295 A83-25317
- Calculation of the depth and hardness of the  
carbonization layer of cylindrical parts --- for aircraft  
engines p 350 A83-29282
- Coating with overlay metallic-cermet alloy systems  
[NASA-CASE LEW-13639-2] p 227 N83-17683
- METAL WORKING**
- Manufacturing processes for aeronautical structures  
p 227 N83-17620
- METAL-METAL BONDING**
- The effect of primer-adhesive compatibility on adhesive  
peel strength at low temperature p 222 A83-20448
- Primary bonded aircraft wing construction p 186 A83-20493
- In-depth survey report of American Airlines plating  
facility p 647 N83-31916
- [PB83-187799] p 647 N83-31916
- METAL-WATER REACTIONS**
- Water-displacing organic corrosion inhibitors - Their  
effect on the fatigue characteristics of aluminum alloy  
bolted joints p 59 A83-12014
- Effect of moisture on adhesively bonded titanium  
structures p 222 A83-20442
- METALLOGRAPHY**
- Studies of damage involving aircraft components ---  
accident-causing metallic component fractures p 317 A83-29371
- METALLURGY**
- Highly stressed materials, with aviation considered as  
an example --- Book p 467 A83-33951
- METALS**
- Impact behavior of fibrous composition and metal  
substructures p 296 N83-18858
- [AD-A126181] p 296 N83-18858
- METEOROLOGICAL FLIGHT**
- First results of boundary layer research flights with three  
powered gliders during the field experiment PUKK p 188 A83-18996
- Production of ice particles in clouds due to aircraft  
penetrations p 566 A83-39120
- METEOROLOGICAL INSTRUMENTS**
- Wind shear - A danger for flight p 766 A83-48225
- METEOROLOGICAL PARAMETERS**
- Measurements of an aircraft wake vortex system using  
a meteorological tower p 565 A83-38751
- Meteorological data requirements for fuel efficient  
flight p 565 A83-38760
- Terminal forecast reference notebook for RAF Fairford,  
United Kingdom p 567 N83-29930
- [AD-A126095] p 567 N83-29930
- Proceedings Sixth Annual Workshop on Meteorological  
and Environmental Inputs to Aviation Systems  
[NASA-CP 2274] p 658 N83-33827
- NASA's aviation safety - meteorology research  
programs p 668 N83-33829
- Description and operating procedures for the NOAA  
(National Oceanic and Atmospheric Administration) C-130  
AWRD (Airborne Weather Reconnaissance System)  
system p 768 N83-36615
- [PB83-197053] p 768 N83-36615
- METEOROLOGICAL RADAR**
- Weather radar radomes and their maintenance  
p 3 A83-12658
- Applications of Doppler radar to aviation operations -  
JAWS experiences p 188 A83-16583
- [AIAA PAPER 83-0205] p 188 A83-16583
- Optimum siting of NEXRAD to detect hazardous weather  
at airports p 304 A83-24037
- Feasibility test of an airborne pulse-Doppler  
meteorological radar p 566 A83-39872
- Cockpit weather radar display demonstrator and  
ground-to-air sfencs telemetry system p 210 N83-17534
- [NASA-CR-169830] p 210 N83-17534
- Simulation of a weather radar display for over-water  
airborne radar approaches p 311 N83-22091
- [NASA-TM-84315] p 311 N83-22091
- Adaptively pointing spaceborne radar for precipitation  
measurements p 410 N83-25315
- The outlook for precipitation measurements from  
space p 410 N83-25316
- Scanning strategies for next generation weather radars  
A study based on lifetimes of convective atmospheric  
phenomena hazardous to aviation p 476 N83-25929
- [FAA-RD-82-69] p 476 N83-25929
- METEOROLOGICAL RESEARCH AIRCRAFT**
- First results of boundary layer research flights with three  
powered gliders during the field experiment PUKK p 188 A83-18996
- JANUS - An aircraft prototype of a low earth orbit split  
beam stereoscopic observing system --- for wind field  
determination p 355 A83-29696
- The use of pressure fluctuations on the nose of an  
aircraft for measuring air motion p 568 A83-39118
- Aircraft observations of large scale cloud systems  
[AD-A122515] p 767 A83-49698
- METEOROLOGICAL SERVICES**
- The CWSU - A renewed effort to aid IFR pilots --- Center  
Weather Service Units p 408 A83-30548
- CAT detection and forecasting using operational NMC  
analysis data p 566 A83-38765
- METEOROLOGY**
- Conditions conducive to lightning striking an aircraft in  
a thunderstorm p 588 N83-31236
- METHANE**
- Operation of an aircraft engine using liquefied methane  
fuel p 576 A83-43239
- Assessment of crash fire hazard of LH sub 2 fueled  
aircraft p 16 N83-11095
- [NASA-CR-165525] p 16 N83-11095

Development of the utilization of combustible gas produced in existing sanitary landfills Effects of corrosion at the Mountain View, California landfill gas-recovery plant  
[DE83-001576] p 363 N83-22769

**METHOD OF MOMENTS**

Eliminating nearest neighbor searches in estimating target orientation p 268 A83-23535  
Multimode planar spiral for DF applications p 430 A83-35089

Algorithm for Surface of Translation Attached Radiators (A-STAR) Volume 1 Formulation of the analysis  
[AD-A118458] p 217 N83-12318

**METHYL ALCOHOLS**

Methanol combustion in a CF6I-80A engine combustor [AIAA PAPER 83-1138] p 469 A83-36241  
Gas turbine compressor interstage cooling using methanol  
[ASME PAPER 83-GT-230] p 763 A83-48026

**METRIC PHOTOGRAPHY**

Program to compute the positions of the aircraft and of the aircraft sensor footprints  
[E83-10139] p 234 N83-16814

**METROLOGY**

Close range photogrammetry for aircraft quality control p 558 A83-38347

**MICROCOMPUTERS**

Design of an aircraft ice detector using microcomputer electronics to enhance system availability p 34 A83-11097  
Data acquisition/reduction system for flight testing general aviation aircraft p 37 A83-11903  
A microcomputer-based system for noise characteristics analysis p 72 A83-11915  
Microcomputer brings digital power to the small aircraft gas turbine  
[SAE PAPER 821402] p 533 A83-37975  
The employment of a miniature calculating device for the determination of the center of gravity p 545 A83-39220

Performing literal calculation with a micro-computer --- symbolic calculations applied to aeroelasticity problem p 705 A83-45980

Demonstration Advanced Avionics System (DAAS) function description  
[NASA-CR-166282] p 26 N83-10027

A microcomputer-based position updating system for general aviation utilizing Loran-C  
[NASA-CR-169722] p 148 N83-15277  
Computers in avionics systems p 236 N83-18291

BASIC Data Manipulation And Display System (BDMADS)  
[NASA-TM-833328] p 305 N83-19496

Design of a high-speed digital processing element for parallel simulation  
[NASA-TM-83373] p 563 N83-29597

A portable physiological data recorder using magnetic bubble memory  
[AD-A127304] p 646 N83-30997

**MICROELECTRONICS**

Macroencapsulation of electronic circuits p 354 A83-29215

Interpretation methodology and analysis of in-flight lightning data  
[NASA-CR-3590] p 69 N83-11661

Computers in avionics systems  
[NLR-MP-81063-U] p 236 N83-18291

**MICROPHONES**

Adapter for mounting a microphone flush with the external surface of the skin of a pressurized aircraft  
[NASA-CASE-FRC-11072-1] p 526 N83-27975

**MICROPROCESSORS**

The MCP-100 - A turnkey system for implementing multivariable flight control laws p 34 A83-11101  
Technology upgrade to ALR-46 and ALR 69 radar warning receivers p 18 A83-11102

Embedded microprocessors for avionics applications p 70 A83-11104

The U S Air Force and U S Navy Standard Central Air Data Computer p 34 A83-11120  
Single chip Bus Interface Unit eases MIL-STD-1553B remote terminal/bus controller designs p 63 A83-11185

A fast microprocessor communication network design for interprocessor communications for an integrated flight control system p 24 A83-11902

Implementation of the DAST ARW II control laws using an 8086 microprocessor and an 8087 floating-point coprocessor --- drones for aeroelasticity research p 71 A83-11910

Real-time multiradar simulation with a multiprocessor p 200 A83-22824

Multiprocessors and their impact on integrated navigation and avionics - A status-of-the-art paper p 269 A83-24868

A hybrid facility for the simulation, development, and validation of ECS microprocessor based controls  
[SAE PAPER 820867] p 289 A83-25766

Aircraft vehicle equipment improvements via microprocessors p 263 A83-25767

PMUX The interface for engine data to AIDS --- propulsion multiplexer Aircraft Integrated Data System p 391 A83-30158

Microprocessor controlled optimal helicopter turret control system p 516 A83-37148

Evaluation of a damage accumulation monitoring system as an individual aircraft tracking concept p 193 N83-12076

A microcomputer-based position updating system for general aviation utilizing Loran-C  
[NASA-CR-169722] p 148 N83-15277

Distributed micro-processor applications to guidance and control systems p 236 N83-18295

Microprocessor applications to guidance and control architectures p 236 N83-18297

Design, development, and flight test of a demonstration advanced avionics system p 270 N83-18721

Advanced avionic systems for multimission applications, volume 1  
[AD-A121793] p 271 N83-19749

Advanced avionic systems for multimission applications, volume 2  
[AD-A121794] p 271 N83-19750

Advanced avionic systems for multimission applications, volume 3  
[AD-A121795] p 271 N83-19751

Microprocessor implementation of fast-sampling direct digital flight mode controllers p 342 N83-22096

Digital system upset The effects of simulated lightning-induced transients on a general purpose microprocessor p 651 N83-31233

Operating instructions manual for Microprocessor Airborne Data Acquisition and Replay (MADAR) module  
[AD-A128558] p 648 N83-32031

Design of a microprocessor-based Control, Interface and Monitoring (CIM) unit for turbine engine controls research  
[NASA-TM 83433] p 712 N83-34885

Advanced digital controller development program, task 1  
[AD-A129269] p 749 N83-36034

**MICROSTRIP TRANSMISSION LINES**

Recent examples of conformal microstrip antenna arrays for aerospace applications p 144 A83-18672

Synthesis of conformal HF and VHF directional arrays on spherical bodies using surface resonator techniques p 181 A83-18679

Analysis of microstrip wraparound antennas using dyadic Green's function p 258 A83-26830

Integration produces small Ku-band altimeter p 529 A83-37820

**MICROSTRUCTURE**

The relationship between structure, properties and processing in powder metallurgy superalloys p 224 A83-21493

The effect of microstructure on the fatigue behavior of Ni base superalloys p 469 A83-36166

A study of small crack growth under transport spectrum loading p 701 N83-34108

Discussion of the short crack effect in airframe materials and components p 680 N83-34110

**MICROTHRUST**

Determination of the region of efficient use for microthrusters with working medium recirculation p 273 A83-23440

**MICROWAVE ANTENNAS**

Synthesis of conformal HF and VHF directional arrays on spherical bodies using surface resonator techniques p 181 A83-18679

Proceedings of the Antenna Applications Symposium (1982)  
[AD-A129356] p 765 N83-36338

**MICROWAVE EQUIPMENT**

Microwave Ice Accretion Measurement Instrument /MIAMI/ p 208 A83-22163

Design study for remotely piloted, high-altitude airplanes powered by microwave energy p 520 A83-38657

Summary Proceedings of the Future Navigation Systems Planning Conference  
[AD-A128717] p 724 N83-34932

**MICROWAVE LANDING SYSTEMS**

A new technique for the precision DME of microwave landing system p 186 A83-16448

Study of an on-board trajectory system for in-flight checking of air navigation and landing radio aids p 255 A83-24860

Integrated navigation by supplementing MLS with DAS --- DME-based Azimuth System p 256 A83-24872

Adjacent channel interference in the case of the precision distance measuring system DME/P p 258 A83-26480

Instrument-approach technique for poor-visibility landings p 590 A83-41228

Current status of the MLS program p 672 A83-46958

DAS, a DME-supported multifunction system with a wide applications range for distance and angle measurements with data transfer p 722 A83-47199

Comparative analysis of the efficiency of practical realizations of the Kalman algorithm --- for microwave landing systems p 735 A83-48518

Modeling methodology for MLS range navigation system errors using flight test data  
[NASA-CR-166411] p 27 N83-11101

Microwave Landing System (MLS) channel plans and traffic loading  
[AD-A117597] p 28 N83-11110

Instrument approach aids for helicopters  
[FAA-RD-82-6] p 187 N83-12061

Application of the microwave landing system to helicopter operations p 187 N83-12068

Microwave Landing System (MLS) channel plans and traffic loading  
[DOT/FAA/RD-81/113] p 146 N83-14097

Helical automatic approaches of helicopters with microwave landing systems p 260 N83-18704

Frangible microwave landing system (inverted azimuth waveguide array configuration)  
[DOT/FAA/RD-82/88] p 324 N83-20927

FAA national airspace system plan  
[GPO-94-438] p 346 N83-20953

Terminal area automatic navigation, guidance and control research using the Microwave Landing System (MLS) Part 5 Design and development of a Digital Integrated Automatic Landing System (DIALS) for steep final approach using modern control techniques  
[NASA-CR-3681] p 345 N83-22213

A simulation study of crew performance in operating an advanced transport aircraft in an automated terminal area environment  
[NASA-TM-84610] p 382 N83-24490

**MICROWAVE RADIOMETERS**

Simulation of background clutter --- causing target signature distortion p 62 A83-10063

Ka-band passive/active airborne radar p 23 A83-11239

An auxiliary passive microwave navigation system  
[ONERA, TP NO 1982-83] p 185 A83-14535

Development and testing of a microwave radiometric vertical sensor for application to a vertical seeking aircrew escape system p 195 A83-15437

Microwave measurements for an altitude reference system design --- thrust vector controlled escape systems p 196 A83-15438

CAT altitude avoidance system  
[NASA-CASE-NPO-15351-1] p 38 N83-10040

**MICROWAVE SCATTERING**

Greenland 1979 microwave remote sensing data catalog report, 14-15 October 1979  
[NASA-TM-84571] p 362 N83-21730

**MICROWAVE SENSORS**

Missile guidance electromagnetic sensors p 723 A83-48769

Semi-active radar guidance p 723 A83-48771

mm-wave sensors for missile guidance p 724 A83-48773

MIZEX WEST NASA CV-990 flight report  
[NASA TM-85020] p 409 N83-23670

**MICROWAVE SPECTROMETERS**

Helicopter-borne scatterometer  
[AD-A125796] p 562 N83-29561

**MICROWAVES**

Development and test of a Microwave Ice Accretion Measurement Instrument (MIAMI)  
[NASA CR-3598] p 159 N83-14123

**MIDAIR COLLISIONS**

Collision risk models p 14 A83-13012

Problems of representation of air traffic controllers in mid-air litigation p 239 A83-21547

Aircraft separation assurance - Systems design p 252 A83-23371

Conflict recognition and collision probability in connection with horizontal evasion maneuvers p 248 A83-26481

Advantages of statistically interrogating onboard anticollision systems p 258 A83-26482

Survey of characteristics of near mid-air collisions involving helicopters p 720 N83-34920

MIDCOURSE GUIDANCE

Unaided tactical guidance flight test results p 20 A83-11140

- Post-flight compensation for a master navigator error  
p 673 A83-46966
- MIG AIRCRAFT**  
MIKOYAN MIG-23, USSR  
[AD-A128293] p 733 N83-34937
- MILITARY AIR FACILITIES**  
Infrared calibration facilities at Newark Air Force  
Station p 219 A83-22875  
Air traffic services in Portugal Civil-military coordination  
aspects p 325 N83-22183
- MILITARY AIRCRAFT**  
Combat survivability with advanced aircraft propulsion  
development p 28 A83-10179  
Application of pulse code modulation technology to  
aircraft dynamics data acquisition p 29 A83-10182  
Development of maintenance concepts for Navy ATE  
p 1 A83-10778  
Engines for future combat aircraft p 39 A83-10867  
The U.S. Air Force and U.S. Navy Standard Central Air  
Data Computer p 34 A83-11120  
Testing of voice control device for aircraft avionics  
applications p 19 A83-11122  
Computer models for determining countermeasures  
effectiveness of expendables in air-to-air engagements  
p 70 A83-11182  
Video distribution requirements for future tactical  
aircraft p 21 A83-11182  
High speed data link concepts for military aircraft  
p 36 A83-11233  
Military potential of the ABC p 30 A83-12097  
A new approach to weapon separation aerodynamics  
p 177 A83-13164  
MPES update 1981 — Navy Maximum Performance  
Ejection System program p 190 A83-15425  
Advanced escape system design for future combat  
aircraft p 190 A83-15436  
The next generation - The Stencel S45 ejection seat  
development program p 191 A83-15440  
The United States Navy's injury experience in aircraft  
mishaps p 184 A83-15441  
Head up display operational problems p 197 A83-16135  
Simulator studies to develop and improve flight attitude  
information p 197 A83-16334  
Blackjack - Soviet B-1 or better p 192 A83-16373  
Highlights of the new national aeronautical research and  
technology policy p 175 A83-16374  
Fiber-optic technology takes to the air p 140 A83-16867  
Computer models cut USAF test costs p 173 A83-18274  
NAPC gyroscopic moment test facility p 173 A83-18407  
V/STOL - A practical weapon system p 127 A83-18808  
Lasers in aviation — Russian book p 229 A83-20384  
Tactical aircraft engine usage - A statistical study  
p 274 A83-24033  
Investigations concerning the structural design of a  
forward swept wing for a combat aircraft  
[DGLR PAPER 82-036] p 261 A83-24161  
Evaluating Scroll refrigerant compressors for reducing  
size and weight of military aircraft ECS  
[SAE PAPER 820877] p 263 A83-25771  
Thermal design of standard avionics enclosures  
[SAE PAPER 820878] p 258 A83-25772  
Integration and flight demonstrations of the Integrated  
Inertial Sensor Assembly /IISA/ p 322 A83-28765  
Analysis of engine usage data for tactical systems  
[AIAA PAPER 81-1370] p 337 A83-29011  
Improved fatigue life tracking procedures for Navy  
aircraft structures p 334 A83-29807  
[AIAA 83-0805]  
Military potential of TiltRotor aircraft p 318 A83-29969  
New aircraft, I — for military use p 385 A83-31821  
Towards the starship Enterprise - Are the current trends  
in defence unit costs inexorable? p 413 A83-31923  
The definition of short-period flying qualities  
characteristics via equivalent systems p 395 A83-32578  
Type A V/STOL - One aircraft for all support  
missions? p 388 A83-32580  
Airspeed calibrations on a stretch YC-141B aircraft  
p 387 A83-32931  
The United States Air Force and the use of in-flight  
simulation p 388 A83-32937  
CRAF today - An airline perspective — Civil Reserve  
Air Fleet [AIAA PAPER 83-1589] p 379 A83-33358  
Advanced Civil Military Aircraft - Technical feasibility  
assessment [AIAA PAPER 83-1592] p 379 A83-33359  
Vectored thrust afterbody nozzles for future combat  
aircraft p 448 A83-35859
- Data base considerations for a tactical environment  
simulation [AIAA PAPER 83-1099] p 463 A83-38219  
United Kingdom military engine usage, condition and  
maintenance systems experience [AIAA PAPER 83-1239] p 453 A83-38302  
The impact of engine usage on life cycle cost  
[AIAA PAPER 83-1406] p 456 A83-38395  
Aircraft Prototype and Technology Demonstrator  
Symposium, Dayton, OH, March 23, 24, 1983,  
Proceedings p 415 A83-38457  
Prototyping for fun and profit — military aircraft design  
[AIAA PAPER 83-1045] p 415 A83-38458  
Variable sweep wing design [AIAA PAPER 83-1051] p 438 A83-38461  
Propulsion prototypes at General Electric  
[AIAA PAPER 83-1053] p 457 A83-38463  
X-29 integrated technology demonstrator and ATF  
[AIAA PAPER 83-1058] p 438 A83-38469  
NGT sub-scale flight demonstrator - A cost-effective  
approach to aircraft development — Next Generation  
Trainer [SAE PAPER 821341] p 517 A83-37952  
Operational effects of increased freeze point fuels in  
military airplanes [AIAA PAPER 83-1139] p 550 A83-38077  
An aftbody drag prediction technique for military  
airlifters [AIAA PAPER 83-1787] p 496 A83-38627  
Aerodynamic development for efficient military cargo  
transports [AIAA PAPER 83-1822] p 520 A83-38654  
Some lessons from NACA/NASA aerodynamic studies  
following World War II [AIAA PAPER 83-1856] p 489 A83-38683  
Strict liability in military aviation cases - Should it  
apply? p 572 A83-39045  
The integration of multiple avionics sensors and  
technologies for future military helicopters p 514 A83-40301  
JVX - The world's first production tilt-rotor? p 526 A83-40622  
Communication satellite for future military aircraft  
p 634 A83-40885  
Durability and damage tolerance control plans for U.S.  
Air Force aircraft p 594 A83-41045  
An electromechanical primary flight control actuation  
system for military transport aircraft [AIAA PAPER 83-2195] p 620 A83-41680  
The Air Force ejection seat as a vehicle for digital flight  
control [AIAA PAPER 83-2205] p 596 A83-41689  
Suggested changes in large aircraft flying qualities  
criteria [AIAA PAPER 83-2071] p 624 A83-41908  
Comparison of the Bode envelope criterion with other  
criteria [AIAA PAPER 83-2073] p 624 A83-41910  
Soviet military aircraft and missiles in 1982 p 576 A83-43030  
Remotely piloted vehicles, International Conference,  
3rd, Bristol, England, September 13-15, 1982, Proceedings  
and Supplementary Papers p 600 A83-43700  
AN/USD-502 (CL 289) reconnaissance drone system  
p 601 A83-43704  
Canadair rotary wing R P V technology development,  
II p 601 A83-43706  
V/STOL, STOL, CTOL comparisons [SAWE PAPER 1499] p 603 A83-43759  
Autonomy in military aircraft [AAS PAPER 83-041] p 691 A83-44168  
Wide field of view head-up displays p 681 A83-44690  
Military systems acceptance criteria — for digital avionics  
systems p 657 A83-45844  
A mathematical model on the thermal behaviour of an  
aircraft cabin — Thesis p 676 A83-46691  
The Navy PATE program - A status report — Propulsion  
Automatic Test Equipment [ASME PAPER 83-GT-109] p 739 A83-47944  
Propulsion system screening for survivability and  
effectiveness [ASME PAPER 83-GT-200] p 743 A83-48003  
Army aircraft requirements in the 1990's - A view  
forward [AIAA PAPER 83-2434] p 710 A83-48326  
Comparative cost of military aircraft - Fiction versus  
fact [AIAA PAPER 83-2565] p 711 A83-48378  
Air Force Aeronautical Systems the 1990's - A major  
shift [AIAA PAPER 83-2433] p 711 A83-48576  
An overview of V/STOL aircraft development  
[AIAA PAPER 83-2491] p 731 A83-49584
- Army family of light rotorcraft (LHX) concept  
formulation [AIAA PAPER 83-2552] p 732 A83-49592  
Application of slender wing benefits to military aircraft  
[AIAA PAPER 83-2566] p 717 A83-49596  
Wind-tunnel studies of the effects of simulated damage  
on the aerodynamic characteristics of airplanes and  
missiles [NASA-TM-84588] p 138 A83-15266  
Advanced castings in the design of military aircraft  
p 178 A83-15429  
Equivalency evaluation of firefighting agents and  
minimum requirements at US Air Force airfields  
[AD-A126443] p 198 A83-17524  
Aircraft acceleration sensitive inertia reel lock  
[AD-A122208] p 250 A83-19723  
Proposed MIL standard and handbook. Flying qualities  
of air vehicles. Volume 1 Proposed MIL standard  
[AD-A123674] p 373 A83-24466  
Automatic recognition of speech in military aircraft  
p 702 A83-34186  
Aircraft acceleration sensitive inertia reel lock  
[AD-A126739] p 721 A83-34924  
Performance of the Sandia Lightning Simulator during  
F-14A and F/A-18 aircraft lightning tests  
[DE83-009288] p 721 A83-34926
- MILITARY AVIATION**  
Search and rescue locator beacons - The British  
concept p 183 A83-15418  
Concepts for a future joint airtail development program  
[AIAA PAPER 83-1591] p 429 A83-36951  
USAF mobility requirements — User requirements  
[AIAA PAPER 83-1588] p 429 A83-36954  
The role of the Air Force in the transfer of  
general-aviation-traffic control from ITAV to AAVV/TAG  
p 590 A83-41226  
Use of commercial Omega/VLF in naval aviation  
p 671 A83-46953
- MILITARY HELICOPTERS**  
Evolution of the application of composite materials to  
helicopters p 151 A83-18376  
Estimation of helicopter and target motion for the  
advanced attack helicopter fire control system  
p 143 A83-18378  
Technical qualities for combat helicopter powerplants  
p 278 A83-24839  
Warm cycle propulsion for the 1990's heavy lift  
helicopters p 278 A83-24840  
Integrated navigation system for the Augusta 129 attack  
helicopter p 256 A83-24870  
Development of a variable-load energy absorber — for  
helicopter seats p 248 A83-25896  
Boeing Vertol - The leading edge of technology  
p 372 A83-33095  
Microprocessor-based optimal controllers for a  
helicopter turret control system p 434 A83-35138  
Accelerated simulated mission endurance test of a  
turboshaft engine for military attack helicopter  
application [AIAA PAPER 83-1359] p 455 A83-36357  
All-weather small-deck operations in the U.S. Navy  
[SAE PAPER 821503] p 508 A83-38010  
U.S. Army helicopter icing developments  
[SAE PAPER 821504] p 508 A83-38011  
A summary of NASA/FAA experiments concerning  
helicopter IFR airworthiness criteria p 584 A83-41079  
LHX system design for improved performance and  
affordability — Light Helicopter p 595 A83-41080  
Advanced helicopter avionics p 590 A83-41531  
The impact of missions on the preliminary design of  
an ABC rotor [SAWE PAPER 1501] p 603 A83-43760  
Coherent, single-mode fiber optic for multifunction 10.6  
micron helicopter avionics system p 706 A83-46639  
Kaman's new directions — helicopter development  
p 657 A83-46925  
Army aircraft requirements in the 1990's - A view  
forward [AIAA PAPER 83-2434] p 710 A83-48326  
Evaluation of control and display configurations for  
helicopter shipboard operations [AIAA PAPER 83-2486] p 734 A83-48346  
Operational military helicopter interior noise and vibration  
measurements with comparisons to ride quality criteria  
[AIAA PAPER 83-2526] p 728 A83-48364  
PAH-2, HAP, HAC - Will they really get under way this  
time? — Franco-German military helicopter program  
p 729 A83-48641  
LHX - The US Army wants 5,000 - Industry needs the  
business p 729 A83-48642  
Commonality potential of future public service  
helicopters and Army light utility helicopters  
[AIAA PAPER 83-2553] p 720 A83-49593  
Criteria for Handling Qualities of Military Aircraft  
[AD-A118596] p 48 A83-10054

- The status of military helicopter handling qualities criteria p 50 N83-10065
- The impact of active control on helicopter handling qualities p 50 N83-10066
- Operational criteria for the handling qualities of combat helicopters p 50 N83-10067
- Stress analysis of advanced attack helicopter composite main rotor blade root end lug [NASA-TM-84578] p 178 N83-15361
- AH-1 Air Ground Engagement Simulation/air defense (AGES/ADES) pod jettison evaluation [AD-A122623] p 332 N83-20939
- Investigation of the feasibility of a helicopter-launched cruise missile system [DE82-008623] p 332 N83-20940
- USAF Bioenvironmental Noise Data Handbook Volume 156 HH-1N in-flight Crew Noise [AD-A122601] p 368 N83-23118
- A critique of the Bell Helicopter Textron COBRA 2.75 inch rocket ballistic algorithm [AD-A123703] p 390 N83-24502
- Climatic laboratory survey Hughes YAH-64 helicopter [AD-A124670] p 440 N83-25698
- Airworthiness and flight characteristics test Part 2 YAH-64 advanced attack helicopter [AD-A125270] p 442 N83-25705
- Airworthiness and Flight Characteristics test (A&FC) of AH-1S with Aircraft General Purpose Dispenser System (AGPDS) [AD-A125978] p 528 N83-29199
- Airworthiness and Flight Characteristics (AFC) test of YAH-64 advanced attack helicopter, Prototype Qualification Test-Government (PQT-G), part 3 and Production Validation Test-Government (PVT-G) for handbook verification [AD-A130524] p 734 N83-36025
- MILITARY OPERATIONS**
- Stability of the decentralized estimation in the JTIDS relative navigation p 23 A83-11253
- C-141 operations in Bright Star 82 p 14 A83-12224
- U.S. Navy search and rescue Model Manager p 183 A83-15424
- CTOL, STOAL, V/STOL - An operational companion for forward deployed CVNs p 196 A83-22157
- United States Air Force tactical reconnaissance - An analysis and commentary p 186 A83-22574
- Real-time reconnaissance - A systems look at advanced technology p 200 A83-22576
- CINNA - A system for preparing reconnaissance missions p 200 A83-22591
- Aerodynamics critical to the operations of tactical fighters from bomb damaged runways [AIAA PAPER 83-1861] p 521 A83-38688
- Challenges for military airlift in the 1990's [AIAA PAPER 83-2437] p 719 A83-48327
- War-time maintenance impact on aircraft availability Quantifying the R&D investment payoff [AIAA PAPER 83-2515] p 711 A83-48359
- A projected large low-speed wind tunnel to meet Australian requirements Aerodynamics note [AD-A118913] p 209 N83-13125
- Investigation of the feasibility of a helicopter-launched cruise missile system [DE82-008623] p 332 N83-20940
- Flight test experience with a digital integrated guidance and control system in a CCV fighter aircraft p 343 N83-22110
- A UK NATS view of the air traffic management requirements in the next decade p 325 N83-22178
- Military requirements --- fuel economy, air traffic control, and defense budgets p 325 N83-22181
- A Canadian approach to flutter clearance for external stores p 345 N83-22216
- FAA aviation forecasts Fiscal years 1983-1994 [AD-A124611] p 416 N83-25652
- The effects of the Production Oriented Maintenance Organization (POMO) concept on ADTAC aircraft maintenance productivity and quality [AD-A123981] p 416 N83-25655
- Proposed MIL standard and handbook Flying qualities of air vehicles Volume 2 Proposed MIL handbook [AD-A123726] p 441 N83-25704
- An interactive bombing mission simulation with computer graphics interface [AD-A124661] p 481 N83-26637
- Operational engine usage p 540 N83-29246
- Effect of test result uncertainty on the performance of a context-free troubleshooting task [AD-A128584] p 577 N83-31573
- Service life evaluation of rigid explosive transfer lines [NASA-TP-2143] p 608 N83-31596
- Evaluation of design criterion of the strategic expeditionary landing field [AD-A128323] p 633 N83-31614

- Computer Aided System for Developing Aircrew Training (CASAT) [AD-A128530] p 633 N83-31615
- Potential joint civil and military use of military airfields [PB83-186734] p 633 N83-31616
- MILITARY TECHNOLOGY**
- Testing of voice control device for aircraft avionics applications p 19 A83-11122
- Future Navy data bus requirements - Modular approach for flexible evolution p 21 A83-11184
- New threat simulator /NETS/ a multi-sensor R & D tool for EW development p 56 A83-11238
- Ka-band passive/active airborne radar p 23 A83-11239
- Applications of autopath technology to terrain/obstacle avoidance p 23 A83-11255
- The UH-60A Black Hawk - A world-wide force multiplier p 30 A83-12934
- Tomorrow's Tomcat p 189 A83-14324
- Advanced Aircrew Display Symposium, 5th, Patuxent River, MD, September 15, 16, 1981, Proceedings p 196 A83-16126
- The application of diffraction optics to the LANTIRN head-up display p 196 A83-16131
- 'Light bar' attitude indicator p 197 A83-16136
- The Aquila - A versatile, cost-effective military tool shows its potential p 192 A83-16399
- The 'Flying Peanut' - Revolutionary design promises high performance p 192 A83-16400
- Military propulsion technology I - Fighter power - The need for tomorrow p 162 A83-18948
- Military propulsion technology II - Supersonic V/STOL technology shapes up p 163 A83-18949
- The role of the research establishments in the developing world of aerospace p 128 A83-18963
- USAF ground fiber optic development program p 228 A83-19711
- Multifunction CO2 laser radar technology p 208 A83-22502
- Advanced tactical air reconnaissance system p 186 A83-22575
- Reconnaissance of the year 2000 and beyond p 186 A83-22577
- Future trends in the use of infrared line scanners for airborne reconnaissance p 209 A83-22578
- Infrared target array development p 268 A83-23527
- Now is the time for new fighters p 262 A83-25137
- Towards the starship Enterprise - Are the current trends in defence unit costs inexorable? p 413 A83-31923
- Design for testing of a low altitude night-in-weather attack system [AIAA PAPER 83-1061] p 432 A83-36470
- AFTI/F-16 technology demonstrator [AIAA PAPER 83-1059] p 439 A83-36474
- An overview of a new integrated system for communication, navigation, and identification - The Joint Tactical Information Distribution System p 590 A83-41310
- Liquid propellant rocket development by the U.S. Navy during World War II [IAF PAPER 83-298] p 755 A83-47333
- STOL fighter technology program [ASME PAPER 83-GT-243] p 726 A83-48033
- Avionics built-in-test effectiveness and life cycle cost [AIAA PAPER 83-2448] p 712 A83-49578
- AFWAL FY81 technical accomplishments [AD-A120682] p 191 N83-16253
- Three-Dimensional Displays Perceptual Research and Applications to Military Systems [AD-A122577] p 309 N83-20692
- General review of military applications of voice processing p 701 N83-34180
- The B-1 bomber program A new start [AD-A127523] p 708 N83-34844
- MILITARY VEHICLES**
- LACV-30 supportability p 486 A83-35062
- Scout - A real time intelligence and surveillance system p 602 A83-43717
- Computer control and activation of six-degree-of-freedom simulator [AD-A126126] p 549 N83-28010
- Navigation National plans, NAVSTAR-GPS, Laser gyros [AD-A125533] p 515 N83-29194
- MILLIMETER WAVES**
- Solid state, 95 GHz tracking radar system p 24 A83-11918
- Laser and millimeter-wave backscatter of transmission cables p 199 A83-22523
- mm-wave sensors for missile guidance p 724 A83-48773
- A mm-wave collision warning device for helicopters p 645 N83-30895
- MILLING (MACHINING)**
- Microeconomic models for process development p 472 A83-33650

- MINIATURE ELECTRONIC EQUIPMENT**
- Manufacturing Methods and Technology (MM&T) specifications for miniature cathode ray tube [AD-A127160] p 645 N83-30921
- MINIATURIZATION**
- The influence of the ratio of control force to control path in a miniature control element [TUBS/FB-80-01-02] p 205 N83-13117
- Miniature electro-optical air flow sensor [NASA-CASE-LAR-13065-1] p 413 N83-25539
- MINICOMPUTERS**
- Studies on the cryogenic induction driven wind-tunnel T2 p 548 N83-28004
- Some results and limitations of Prony analysis of in-flight lightning data p 646 N83-31178
- MINIMAX TECHNIQUE**
- Experiment control in problems of minimax estimation --- for aircraft longitudinal control p 69 A83-10455
- MIRAGE AIRCRAFT**
- Fly by wire control Towards new norms for judging flight qualities An example The Mirage 2000 p 49 N83-10060
- The high angle of attack behavior of a combat aircraft Correlation between prediction and flight --- Mirage 2000 aircraft p 604 N83-30367
- MISS DISTANCE**
- Investigation of time-to-go algorithms for air-to-air missiles p 511 A83-37137
- The maneuver acceleration parameter - A figure of merit for evaluating missile miss distance performance [AIAA PAPER 83-2199] p 591 A83-41684
- MISSILE ANTENNAS**
- Analysis of microstrip wraparound antennas using dyadic Green's function p 258 A83-26830
- MISSILE BODIES**
- Missile Daltom status report - Body and fin alone methodology [AIAA PAPER 83-0181] p 132 A83-16574
- Missile body vortices and their interaction with lifting surfaces p 245 N83-18695
- Strike-wing-body combinations p 284 N83-18696
- MISSILE COMPONENTS**
- Designing for stray radiation rejection --- of heat seeking missile components p 268 A83-23536
- MISSILE CONFIGURATIONS**
- Evaluation of missile aerodynamic characteristics for diversified configurations using rapid prediction techniques [AIAA PAPER 83-0180] p 131 A83-16573
- Aerodynamics characteristics of a canard controlled high fineness ratio missile [AIAA PAPER 83-1839] p 545 A83-38668
- Induced rolling moment on wings of a missile with tilt-wings in 'X-X' configuration at supersonic speeds p 627 A83-43689
- Air Force Academy Aeronautics Digest, Fall/Winter, 1981 [AD-A119168] p 176 N83-13066
- MISSILE CONTROL**
- On missiles modelling, simulation and evaluation in presence of noise and multi-source environment p 17 A83-10707
- Simulated mission endurance control system p 54 A83-10751
- Radionavigation techniques for weapon guidance p 20 A83-11141
- Development and evaluation of advanced air-to-air missile fire control algorithms and displays p 21 A83-11191
- Comparison of some matching methods --- for aircraft and missile navigation p 22 A83-11219
- Air-to-air missiles - Flight test in the 80's p 29 A83-11805
- Closed-loop eigenvalue selection for reduced autopilot sensitivity to radome errors [AIAA PAPER 83-0062] p 140 A83-16494
- Subsonic rolling moments for wing roll control of a cruciform missile model p 285 A83-24876
- Terrain profile matching for missile guidance p 321 A83-28164
- Algorithm development for infra-red air-to-air guidance systems - How to separate the wheat from the chaff A simple approach to target detection p 321 A83-28178
- Estimation enhancement by trajectory modulation for homing missiles p 511 A83-37135
- Nonlinear generalized likelihood ratio algorithms for maneuver detection and estimation p 511 A83-37136
- Aerodynamics characteristics of a canard controlled high fineness ratio missile [AIAA PAPER 83-1839] p 545 A83-38668
- Guidance and Control Conference, Gatlinburg, TN, August 15-17, 1983, Collection of Technical Papers p 650 A83-41659
- New target models for homing missile guidance [AIAA PAPER 83-2166] p 590 A83-41662

- Digital homing guidance - Stability vs performance trade-offs  
[AIAA PAPER 83-2167] p 590 A83-41663
- Design of an integrated strapdown guidance and control system for a tactical missile  
[AIAA PAPER 83-2169] p 591 A83-41665
- Line of sight reconstruction for faster homing guidance  
[AIAA PAPER 83-2170] p 591 A83-41666
- Status and concerns for preferred orientation control of high performance anti-air tactical missiles  
[AIAA PAPER 83-2188] p 620 A83-41683
- The maneuver acceleration parameter - A figure of merit for evaluating missile miss distance performance  
[AIAA PAPER 83-2189] p 591 A83-41684
- Adaptive control of variable flow ducted rockets  
[AIAA PAPER 83-2202] p 595 A83-41686
- Classical vs modern control system design for terminal guidance of bank-to-turn intercept missiles  
[AIAA PAPER 83-2203] p 620 A83-41687
- Induced rolling moment on wings of a missile with tilt-wings in "X-X" configuration at supersonic speeds  
p 627 A83-43689
- Missile guidance electromagnetic sensors  
p 723 A83-48769
- Semi-active radar guidance  
p 723 A83-48771
- mm-wave sensors for missile guidance  
p 724 A83-48773
- An analysis of aerodynamic requirements for coordinated bank-to-turn autopilots  
[NASA-CR-3644] p 180 A83-13072
- A sensitivity analysis of the Kalman filter as applied to an inertial navigation system  
[AD-A119623] p 147 A83-14101
- Design, fabrication and test of an integrated Built-In-Test (BIT) control unit  
[AD-A127278] p 631 A83-30441
- The APC-4 infrared plume generator Qualification Operational Test and Evaluation (QOT/E)  
[AD-A128503] p 733 A83-34938
- MISSILE DESIGN**
- Pan Air versus S/HABP An evaluation of two diverse approaches to supersonic missile aerodynamic analysis --- Advanced Panel Plot Code and Supersonic/Hypersonic Arbitrary Body Program  
[AIAA PAPER 83-0008] p 129 A83-16460
- Missile Datcom status report - Body and fin alone methodology  
[AIAA PAPER 83-0181] p 132 A83-16574
- The evaluation of the rolling moments induced by wraparound fins  
[AIAA PAPER 83-1840] p 545 A83-38669
- Design of an integrated strapdown guidance and control system for a tactical missile  
[AIAA PAPER 83-2169] p 591 A83-41665
- Optimization of waverider configurations generated from axisymmetric conical flows  
p 715 A83-48134
- Missile body vortices and their interaction with lifting surfaces  
p 245 A83-18695
- MISSILE LAUNCHERS**
- Antitank missiles night firing from Aerospaceale helicopters  
[SNIA-822-320-101] p 58 A83-10102
- MISSILE SIMULATORS**
- Simulated mission endurance control system  
p 54 A83-10751
- Development and evaluation of advanced air-to-air missile fire control algorithms and displays  
p 21 A83-11191
- MISSILE STORAGE**
- Wind tunnel correlation study of aerodynamic modeling for F/A-18 wing-store tip-missile flutter  
[AIAA 83-1026] p 331 A83-29877
- MISSILE STRUCTURES**
- An analysis of aerodynamic requirements for coordinated bank-to-turn autopilots  
[NASA-CR-3644] p 180 A83-13072
- MISSILE SYSTEMS**
- Survey of missile simulation and flight mechanics facilities in NATO  
[AD-A128440] p 550 A83-29276
- MISSILE TESTS**
- On missiles modelling, simulation and evaluation in presence of noise and multi-source environment  
p 17 A83-10707
- Air-to-air missiles - Flight test in the 80's  
p 29 A83-11805
- Low cost random vibration testing  
p 405 A83-31489
- New transformations of S4 Modane hypersonic wind tunnel for ramjet missiles tests  
[ONERA, TP NO 1983-24] p 464 A83-36433
- MISSILE TRAJECTORIES**
- Investigation of time-to-go algorithms for air-to-air missiles  
p 511 A83-37137
- Improvement of a captive trajectory system by using optical distance sensors --- store separation from aircraft  
[ONERA, TP NO 1983-115] p 753 A83-49426
- General basic concepts for a trajectory simulation of a guided missile  
[PML-1981-38] p 221 A83-17574
- Computer prediction of store aerodynamic loading during separation  
[AD-A124693] p 378 A83-24483
- MISSILE VIBRATION**
- Analysis of missile response to gunfire environment --- vibration and shock effects on captive-carry configuration aboard aircraft  
p 384 A83-31495
- Vibration and aeroelastic facility  
[AD-A126317] p 549 A83-29275
- MISSILES**
- Soviet military aircraft and missiles in 1982  
p 576 A83-43030
- Validation of software for integration of missiles with aircraft systems  
p 364 A83-22140
- MISSION PLANNING**
- The "Flying Peanut" - Revolutionary design promises high performance  
p 192 A83-16400
- CTOL, STOAL, V/STOL - An operational companion for forward deployed CVNs  
p 196 A83-22157
- CINNA - A system for preparing reconnaissance missions  
p 200 A83-22591
- B-52 operations in the Bright Star 82 exercise  
p 317 A83-29204
- Type A V/STOL - One aircraft for all support missions?  
p 386 A83-32580
- A ground control system for UMA --- unmanned aircraft  
p 592 A83-43713
- Extended uses of the Aquila RPV system  
p 601 A83-43716
- Computer Aided Mission Planning System (CAMPS)  
[AD-A118567] p 221 A83-12895
- Increasing future fighter weapon system performance by integrating basing, support and air vehicle requirements  
[AD-A129039] p 712 A83-34888
- MIXERS**
- Experimental investigation of a model of the internal exhaust gas mixer configuration of a turbofan engine in the reverse-thrust mode  
p 614 A83-42146
- MIXING**
- Advances in ejector technology A tribute to Hans von Ohain's vision  
p 477 A83-26805
- MIXTURES**
- Tests of blending and correlation of distillate fuel properties  
p 59 A83-11050
- Effects of percentage of blockage and flameholder downstream counterbores on lean combustion limits of premixed, pre vaporized propane-air mixture  
[NASA-TP-2227] p 746 A83-34941
- MOBILITY**
- USAF mobility requirements --- User requirements  
[AIAA PAPER 83-1588] p 429 A83-36954
- MODAL RESPONSE**
- The use of modal control to minimize errors in the analytical reconstruction of flight control sensor signals  
p 46 A83-11210
- Acoustic modal analysis of a full-scale annular combustor  
[AIAA PAPER 83-0760] p 481 A83-33486
- A modal analysis of flexible aircraft dynamics with handling qualities implications  
[AIAA PAPER 83-2074] p 624 A83-41911
- MODELS**
- A piloted flight simulator study of conflict of interest wind modelling techniques  
[UTIAS-TN-238] p 401 A83-23329
- Development of a non-insulated cryogenic strain-gauge balance  
[M-TP-82-006-U] p 402 A83-24520
- MODULUS OF ELASTICITY**
- Equivalent G/E of helicopter rotor blades --- shear modulus to Young's modulus ratio  
p 230 A83-22151
- The preparation and properties of mesophase pitch-based carbon fibers  
p 294 A83-23643
- Evaluation of low-cost aluminum composites for aircraft engine structural applications  
[NASA-TM-83357] p 470 A83-25790
- Design technology of advanced composites  
[AD-A127892] p 638 A83-31735
- MOIRE FRINGES**
- A study of model deflection measurement techniques applicable within the national transonic facility  
[NASA-CR-165853] p 181 A83-13075
- MOISTURE**
- Flight service evaluation of composite helicopter components  
[NASA-CR-165952] p 192 A83-12071
- MOISTURE CONTENT**
- Ice detector evaluation for aircraft hazard warning and undercooled water content measurements  
p 33 A83-10187
- Review of factors affecting aircraft wet runway performance  
[AIAA PAPER 83-0274] p 151 A83-17915
- Effect of moisture on adhesively bonded titanium structures  
p 222 A83-20442
- The effect of loading rates, temperature and moisture on the fracture toughness of polycarbonate  
p 223 A83-20497
- Effects of extreme aircraft storage and flight environments on graphite/epoxy  
p 403 A83-33122
- Experimental comparison of icing cloud instruments  
[AIAA PAPER 83-0026] p 585 A83-42099
- Comparison of modern icing cloud instruments  
[NASA-CR-168008] p 270 A83-18720
- Manufacture of a hot wire target element for a cloud liquid water content meter  
[AD-A122111] p 304 A83-20500
- MOISTURE RESISTANCE**
- Fluoroelastomers --- materials for hostile fluid environments  
p 469 A83-36066
- MOLDING MATERIALS**
- Manufacturing processes for aeronautical structures  
p 227 A83-17620
- Gas turbine parts made of injection molded silicon nitride and brazing of silicon nitride with metal  
[BMFT-FB-T-83-028] p 554 A83-29377
- MOLDS**
- Processing composite materials  
p 210 A83-12153
- MOLECULAR COLLISIONS**
- The evaluation of some collision models used for Monte-Carlo calculations of diatomic rarefied hypersonic flows  
[IC-AERO-82-03] p 583 A83-30396
- MOLECULAR RELAXATION**
- Aerodynamic characteristics of thin wings in a nonequilibrium hypersonic gas flow  
p 495 A83-37640
- MOMENT DISTRIBUTION**
- Uncorrelated two-dimensional oscillatory airforce coefficients and load distributions on thin aerofoils in subsonic flow  
[ESDU-81034] p 664 A83-32761
- MOMENTUM**
- Aerodynamic penalties of heavy rain on landing airplanes  
p 138 A83-18403
- End wall flow characteristics and overall performance of an axial flow compressor stage  
[NASA-CR-3671] p 427 A83-26819
- MOMENTUM THEORY**
- Study of rotor gust response by means of the local momentum theory  
p 169 A83-18379
- MONITORS**
- The design and implementation of the KC-135 Avionics Hot Bench Monitor  
p 36 A83-11227
- Instrument landing system localizer vector far field monitor development  
[FAA-RD-82-62] p 188 A83-13087
- Operational engine usage  
p 540 A83-29246
- MONOMERS**
- PMR polyimide composites for aerospace applications  
[NASA-TM-83047] p 178 A83-15364
- MONOPOLE ANTENNAS**
- Near and far field airborne antenna pattern analysis  
p 143 A83-18845
- Radiation patterns of a quarter-wave monopole on a finite ground plane --- for aircraft antennas  
p 144 A83-18682
- A network formulation for phased arrays - Application to log-periodic arrays of monopoles on curved surfaces  
p 431 A83-35090
- MONOPULSE ANTENNAS**
- Constrained optimization of monopulse circular aperture distribution in the presence of blockage  
p 259 A83-26835
- Comparative analysis of a phase and an amplitude processor for amplitude monopulse systems  
p 431 A83-35192
- MONOPULSE RADAR**
- Performance analysis of a dwell-time processor for monopulse beacon radars  
p 200 A83-22726
- Reply correlation test analysis in monopulse beacon radars  
p 200 A83-22727
- The AMPS computer system Design and operation  
[ATC-110] p 220 A83-12867
- Use of radar position reports for estimating aircraft acceleration  
[FAA RD-82-81] p 156 A83-15281
- Measuring target position with the FUCAS phased-array radar system  
[PHL-1982-64] p 560 A83-28317

**MONTE CARLO METHOD**

A Monte Carlo simulation of the engine development process  
[AIAA PAPER 83-1230] p 452 A83-36294

Monte Carlo simulation of the engine development process  
[AIAA PAPER 83-1405] p 456 A83-36394

LAMPS MK III acoustic target tracker  
p 609 A83-41533

Application of Monte-Carlo techniques to the 757/767 autoland dispersion analysis by simulation  
[AIAA PAPER 83-2193] p 619 A83-41678

The evaluation of some collision models used for Monte-Carlo calculations of diatomic rarefied hypersonic flows  
[IC-AERO-82-03] p 583 N83-30396

**MORPHOLOGY**

Preliminary science report on the directional solidification of hypereutectic cast iron during KC-135 low-G maneuvers  
[NASA-TM-82528] p 470 N83-25854

**MOTION PERCEPTION**

Improved g-cueing system --- for motion simulation in combat pilot training simulators p 53 A83-10178

Determination of motion and visual system requirements for flight training simulators  
[AD-A117555] p 57 N83-11149

**MOTION SIMULATION**

Old problem/new solutions - Motion cuing algorithms revisited  
[AIAA PAPER 83-1082] p 480 A83-36223

**MOTION SIMULATORS**

Investigation of constant turn-rate dynamics models in filters for airborne vehicle tracking p 71 A83-11190

Mechanism case studies VI  
[ASME PAPER 82-DET-47] p 65 A83-12772

Evaluation of g seat augmentation of fixed-base/moving base simulation for transport landings under two visually imposed runway width conditions  
[NASA-TP-2135] p 333 N83-22191

**MOTION STABILITY**

Added fluid mass and the equations of motion of a parachute p 715 A83-48145

Azimuth monitoring experiment  
[AD-A120834] p 148 N83-15278

Calculation of the longitudinal stability derivatives and modes of motion for helicopter aircraft  
[AD-A125593] p 546 N83-28000

**MOTOR VEHICLES**

USSR report: Transportation, no 98  
[JPRS-82053] p 176 N83-13060

**MOTORS**

Application of a hot gas high pressure rotary vane motor to aircraft APU starting  
[SAE PAPER 821464] p 534 A83-37997

**MOUNTING**

Adapter for mounting a microphone flush with the external surface of the skin of a pressurized aircraft  
[NASA-CASE-FRC-11072-1] p 526 N83-27975

**MOVING TARGET INDICATORS**

Stimulus variables affecting dynamic target acquisition p 209 A83-22590

Direct aircraft velocity determination by L-band moving target detector radar  
[AD-A117512] p 27 N83-10031

Mode S baseline radar tracking  
[FAA-RD-82-53] p 233 N83-17770

En route Moving Target Detector (MTD) 2 Test and evaluation  
[FAA-RD-82-34] p 359 N83-21212

**MRC AIRCRAFT**

Design and manufacture of the Tornado carbon-fiber reinforced plastics taileron  
[DGLR PAPER 82-038] p 261 A83-24162

Integrated avionics/weapon system for air/ground missions  
[DGLR PAPER 82-039] p 253 A83-24163

Ground tests for obtaining the airworthiness certificate for an automatic terrain-following system  
[DGLR PAPER 82-040] p 253 A83-24164

A technique to determine lift and drag polars in flight p 422 A83-36913

Development of terrain-following displays for the Tornado aircraft p 680 A83-44687

Tornado flight control software validation Methodology and tools p 364 N83-22135

Parameter and design studies for the use of wind tunnel models in the ETW  
[MBB/FE123/S/PUB/83] p 402 N83-24518

Ground and flight test techniques used for proof of structural integrity of the Tornado combat aircraft p 605 N83-30377

Comparison of flight loads measurements results and prediction for Tornado p 605 N83-30378

MRC run-in floors --- aluminum cast alloys p 658 N83-32711

**MTBF**

Techniques for system readiness analysis p 70 A83-11155

Statistical estimation of the mean time-to-failure of an aircraft engine as a function of the cause of failure p 272 A83-23433

Scheduled depot maintenance of naval aircraft - How often?  
[AIAA PAPER 83-2517] p 711 A83-48361

Digital systems technical analysis  
[ARINC-1469-01-1-2804] p 271 N83-18724

Results of a quality principle on the MTBF of an equipment developed for the A-300 p 304 N83-20212

**MULTICHANNEL COMMUNICATION**

Single chip Bus Interface Unit eases MIL-STD-1553B remote terminal/bus controller designs p 63 A83-11185

**MULTIENGINE VEHICLES**

Existing time limit for overwater operations - Its validity p 189 A83-13170

Thrust reversing effects on horizontal tail effectiveness of twin-engine fighter aircraft  
[AIAA PAPER 83-0086] p 149 A83-16512

The Fokker F28 and a four-engined newcomer p 204 A83-21349

A simulation study of the low-speed characteristics of a light twin with an engine-out  
[AIAA PAPER 83-2128] p 626 A83-41951

**MULTIPATH TRANSMISSION**

Airframe multipath effects in airborne adaptive antenna arrays p 143 A83-18627

Multipath propagation in the radio field of aircraft navigation systems p 252 A83-23414

Advances related to the measurement and representation of real multipath propagation --- for radio navigation and instrument landing applications p 258 A83-26485

**MULTIPHASE FLOW**

Calculation of pressure losses in the diffusers of mixing afterburners p 273 A83-23445

**MULTIPLE ACCESS**

Advanced avionics systems for multimission applications, volume 2  
[AD-A121794] p 271 N83-19750

**MULTIPLEXING**

Four-channel multiplexed resolver-to-digital converter p 34 A83-11100

Fiber optic aircraft multiplex systems - Planning for the 1990s p 20 A83-11180

Advanced flight control system study  
[NASA-CR-163120] p 170 N83-15316

The use of multiplex data buses in a high integrity system p 332 N83-22102

**MULTIPROCESSING (COMPUTERS)**

A prototype parallel computer architecture for advanced avionics applications p 70 A83-11153

The design of a packet switched network for aeronautical data interchange p 185 A83-14862

Real-time multiradar simulation with a multiprocessor p 200 A83-22824

Multiprocessors and their impact on integrated navigation and avionics - A status-of-the-art paper p 269 A83-24868

Multiprocessor Shared Memory (MSM) development  
[AD-A126527] p 705 N83-34598

**MULTISPECTRAL BAND SCANNERS**

Spatial calibration of a multispectral data base --- of airborne scanner systems p 209 A83-22882

**MULTISPECTRAL PHOTOGRAPHY**

Application of VAS multispectral imagery to aviation forecasting --- VISSR Atmospheric Sounder for GOES satellites p 408 A83-30561

**MULTIVIBRATORS**

The vibration test unit, a unique rail vehicle vibration test facility p 632 N83-30774

**N****NACELLES**

Propulsion installation characteristics for turbofan transports  
[AIAA PAPER 83-0087] p 130 A83-16513

Flow simulations for general nacelle configurations using Euler equations  
[AIAA PAPER 83-0539] p 134 A83-16775

Three-dimensional Euler solutions for long-duct nacelles  
[AIAA PAPER 83-0089] p 136 A83-17905

Propulsion system installation design for high-speed prop-fans p 337 A83-29014

An axisymmetric nacelle and turboprop inlet analysis including power simulation p 375 A83-32584

Progress toward the analysis of complex propulsion installation flow phenomenon  
[AIAA PAPER 83-1367] p 421 A83-36363

PANAIR Pilot Code application to subsonic nacelle type interior flows

[AIAA PAPER 83-1369] p 421 A83-36365

Use of the panel method to calculate the distributed aerodynamic characteristics of a wing with pylon and nacelle at low speeds p 493 A83-37520

An extension of a transonic wing/body code to include underwing pylon/nacelle effects  
[AIAA PAPER 83-1805] p 497 A83-38639

Hover and transition flight performance of a twin tilt-nacelle V/STOL configuration  
[AIAA PAPER 83-1824] p 520 A83-38656

Computational analysis for an advanced transport configuration with engine nacelle  
[AIAA PAPER 83-1851] p 521 A83-38679

Engine power simulation for transonic flow-through nacelles p 660 A83-45594

Wind tunnel tests of a zero length, slotted-lip engine air inlet for a fixed nacelle V/STOL aircraft  
[NASA-TM-82939] p 9 N83-10019

Utilizing numerical techniques in turbofan inlet acoustic suppressor design  
[NASA-TM-82994] p 73 N83-10885

Effect of wing-mounted nacelles on a 42 deg swept supercritical wing configuration at near-sonic speeds  
[NASA-TM-X-2954] p 4 N83-11025

An engine installation for fan jet STOL aircraft using USB powered high lift system (I) engine matching test for circular confluent exhaust duct  
[NAL-TR-703] p 200 N83-12086

A NASTRAN model of a large flexible swing-wing bomber Volume 2 NASTRAN model development-horizontal stabilizer, vertical stabilizer and nacelle structures  
[NASA-CR-170392-VOL-2] p 154 N83-14108

A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 1  
[NASA-CR-159379] p 191 N83-16288

Effects of varying podded nacelle-nozzle installations on transonic aeropropulsive characteristics of a supersonic fighter aircraft  
[NASA-TP-2120] p 427 N83-26821

Nacelle Aerodynamic and Inertial Loads (NAIL) project  
[NASA-CR-168712] p 605 N83-30402

Average downwash at the tailplane at low angles of attack and subsonic speeds, Amendment A  
[ESDU-80020-AMEND-A] p 663 N83-32747

Pressure recovery of axisymmetric intakes at subsonic speeds  
[ESDU-80037] p 663 N83-32753

**NAP-OF-THE-EARTH NAVIGATION**

Multifunction CO2 NOE sensor A status report --- Nap-Of-the-Earth p 35 A83-11147

XH-59A ABC aircraft flight tests at Ft Rucker, Alabama p 151 A83-18148

Application of multiple model estimation to a recursive terrain height correlation system p 257 A83-26264

The effects of engine and height-control characteristics on helicopter handling qualities p 619 A83-41078

Importance of topographic features and tactical annotations on maps used by Army aviators for nap-of-the-earth flight  
[AD-A118101] p 28 N83-11107

Application of coding methods in development of symbology for a computer generated topographic display for Army aviators  
[AD-A118142] p 38 N83-11124

**NAPHTHALENE**

Evaluation of ultraviolet spectrophotometry for simultaneous analysis of alkylbenzenes, alkylnaphthalenes, alkyanthracenes/phenanthrenes and total aromatics in mid-distillate fuels  
[NASA-TM-83032] p 179 N83-15483

**NASA PROGRAMS**

NASA Lewis Research Center's program on icing research  
[AIAA PAPER 83-0204] p 127 A83-16582

NASA clean catalytic combustor program  
[ASME PAPER 82-JPGC-GT-11] p 295 A83-25269

NASA technology program for future civil air transports  
[AIAA PAPER 83-1603] p 379 A83-33366

National Aeronautics and Space Administration p 74 N83-10989

NASA Lewis Research Center's Program on Icing Research  
[NASA-TM-83031] p 139 N83-14078

Research and technology annual report, 1982  
[NASA-TM-84312] p 192 N83-16273

NASA helicopter transmission system technology program p 302 N83-20120

Ames Research Center overview p 243 N83-20831

Small transport aircraft technology  
[NASA-SP-460] p 331 N83-20931



## SUBJECT INDEX

## NAVSTAR SATELLITES

An overview of general aviation propulsion research programs at NASA Lewis Research Center p 340 N83-22456

NASA authorization for fiscal year 1984 [GPO-19-200] p 487 N83-27921

Who knows? Selected information resources on aeronautics and astronautics [SL-82-32] p 573 N83-29123

Structures and Dynamics Division Research and technology plans for FY 1983 and accomplishments for FY 1982 [NASA-TM-85661] p 648 N83-32095

Records of achievement. NASA special publications [NASA-SP-470] p 708 N83-33792

**NASTRAN**

Design, analysis and test of composite curved frames for helicopter fuselage structure [AIAA 83-1005] p 356 A83-29805

Flutter investigation of a repaired T-38 horizontal stabilizer using NASTRAN p 641 A83-42541

Large displacements and stability analysis of nonlinear propeller structures p 218 N83-12460

A new capability for elastic aircraft airloads via NASTRAN p 218 N83-12464

A NASTRAN model of a large flexible swing-wing bomber. Volume 1. NASTRAN model plane [NASA-CR-170392-VOL-1] p 154 N83-14107

A NASTRAN model of a large flexible swing-wing bomber. Volume 2. NASTRAN model development-horizontal stabilizer, vertical stabilizer and nacelle structures [NASA-CR-170392-VOL-2] p 154 N83-14108

A NASTRAN model of a large flexible swing-wing bomber. Volume 3. NASTRAN model development-wing structure [NASA-CR-170392-VOL-3] p 154 N83-14109

A NASTRAN model of a large flexible swing-wing bomber. Volume 4. NASTRAN model development-fuselage structure [NASA-CR-170392-VOL-4] p 154 N83-14110

A NASTRAN model of a large flexible swing-wing bomber. Volume 5. NASTRAN model development-fanning structure [NASA-CR-170392-VOL-5] p 154 N83-14111

Static aeroelastic analysis of flexible wings via NASTRAN, part 1 [AD-A124662] p 477 N83-26099

Modeling of direct strike lightning coupling by a transfer function technique p 612 N83-31177

**NATIONAL AIRSPACE UTILIZATION SYSTEM**

Modeling the spatial distribution of aircraft on visual flight rules p 253 A83-24040

Development of airborne collision avoidance algorithms compatible with the national airspace system p 511 A83-37141

FAA national airspace system plan [GPO-94-438] p 346 N83-20953

National Airspace System Plan [GPO-98-029] p 319 N83-22169

National Airspace System Plan, facilities, equipment and associated development p 402 N83-24521

FAA's plan to improve the air traffic control system. A step in the right direction but improvements and better coordination are needed [GAO/AFMD-83-34] p 432 N83-25687

The FAA (Federal Aviation Administration) air traffic activity FY 1982 [AD-A128702] p 712 N83-34889

**NATIONAL AVIATION SYSTEM**

The development of standards for the common ICAO Data Interchange Network /CIDIN/ p 230 A83-22027

Technical and operational evaluation of wide-area coverage navigation systems in the continental United States p 255 A83-24857

The future of the U.S. aviation system [AIAA PAPER 83-1594] p 379 A83-33360

The flow of air-passenger traffic in the Federal Republic of Germany with emphasis on airports and their hinterland [GEOGRAPHISCHE-SCHRIFTEN 18] p 380 N83-23283

**NATURAL GAS**

Development of the utilization of combustible gas produced in existing sanitary landfills. Effects of corrosion at the Mountain View, California landfill gas-recovery plant [DE83-001576] p 363 N83-22769

**NATURAL GAS EXPLORATION**

Offshore helicopter operations - Gulf of Mexico [SAE PAPER 821366] p 507 A83-37960

**NATURAL LANGUAGE (COMPUTERS)**

An expert distributed robotics system with comprehension and learning abilities in the aircraft flight domain [AD-A127739] p 652 N83-32401

## NAVIER-STOKES EQUATION

Flow over a biconic configuration with an afterbody compression flap - A comparative numerical study [AIAA PAPER 83-1668] p 491 A83-37179

Navier-Stokes calculations for the vortex wake of a rotor in hover [AIAA PAPER 83-1676] p 492 A83-37184

Hypersonic flow behind a lifting body p 577 A83-41206

A turbulent flow Navier-Stokes analysis for an airfoil oscillating in pitch p 660 A83-46437

A Navier-Stokes analysis of three-dimensional turbulent flows inside turbine blade rows at design and off-design conditions [ASME PAPER 83-GT-40] p 713 A83-47900

Analytical calculation of a single jet in crossflow and comparison with experiment [NASA-TM-83027] p 163 N83-14127

An assessment of factors affecting prediction of near field development of a subsonic VSTOL jet in cross-flow [AD-A124583] p 441 N83-25699

Implicit upwind methods for the compressible Navier-Stokes equations [NASA-TM-84364] p 478 N83-27149

Numerical study of scramjet and ramjet flow fields p 685 N83-33887

## NAVIGATION

Sensitivity analysis of helicopter IMC decelerating steep approach and landing performance to navigation system parameters [NASA-CR-166412] p 27 N83-11102

Flight test investigation of area calibrated LORAN-C for en route navigation in the Gulf of Mexico [FAA-RD-82-7] p 186 N83-12059

Instrument approach aids for helicopters [FAA RD-82-6] p 187 N83-12061

Conflict monitoring analysis of parallel opposite direction routes, volume 1 [AD-A120080] p 148 N83-15279

Evaluation of retroreflective pavement markers for precision and nonprecision runways [FAA-CT-82-112] p 220 N83-17558

Evaluation of supplemental lights for caution bars [FAA-CT-82-119] p 220 N83-17559

Flight assessment of a data-link-based navigation-guidance concept [NASA-TM-84493] p 319 N83-22168

Construction of an ice model basin at the Ship Research Institute of the Ministry of Transportation [NRC/CNR TT-2066] p 631 N83-30436

The USRA workshop report. Electrostatic fog dispersal [NASA-CR-170802] p 704 N83-34514

Summary Proceedings of the Future Navigation Systems Planning Conference [AD-A128717] p 724 N83-34932

## NAVIGATION AIDS

Optimal complexing of measuring instruments in short range navigation systems p 17 A83-10803

Airborne electronic terrain map display - An update p 35 A83-11135

Analysis of three hierarchical motion compensation systems for synthetic aperture radars p 23 A83-11242

Bootstrap stereo error simulations --- autonomous aerial navigation using terrain images p 25 A83-12895

Celestial navigation in the computer age --- Book p 185 A83-14116

The role of advanced navigation in future air traffic management p 252 A83-23372

Self-adaptive filters for the integration of navigation data p 268 A83-23374

Multipath propagation in the radio field of aircraft navigation systems p 252 A83-23414

The role of advanced navigation in future air traffic management p 255 A83-24867

Multiprocessors and their impact on integrated navigation and avionics - A status-of-the-art paper p 269 A83-24868

Integrated navigation system for the Augusta 129 attack helicopter p 256 A83-24870

Potential accuracy of the goniometer section of a complex short-range navigation system p 259 A83-26929

Estimation of the mutual influence of a group of radio-electronic devices --- for air navigation p 259 A83-26934

National Aerospace Meeting, Moffett Field, CA, March 24, 25, 1982, Proceedings p 322 A83-28776

CONEX gyroscope p 354 A83-28782

A fault tolerant approach to state estimation and failure detection in nonlinear systems p 568 A83-37121

Radio-navigation prerequisites for IFR operation of regional airports and civil airfields p 512 A83-38932

The tracking of ship routes via satellites p 513 A83-38935

The use of multiple inertial systems to correct for the effects of gravitational anomalies [AIAA PAPER 83-2196] p 591 A83-41681

A multi-function radar system for RPVs p 593 A83-43722

Evolution of map display optical systems p 681 A83-44830

National Aerospace Meeting, Arlington, VA, March 22-25, 1983, Proceedings p 671 A83-46952

Minimizing pilot work load in an advanced development, low-cost Omega/VLF/RNAV system p 671 A83-46954

Flight test evaluation of Loran-C in Alaska p 671 A83-46955

Status of area navigation p 672 A83-46960

State of the art and development potential of fiberoptic rotation sensors --- for inertial navigation p 734 A83-47187

A new generation of navigation and landing aids for aviation p 722 A83-47188

Investigation of advanced navigation and guidance system concepts for all-weather rotorcraft operations [NASA-CR-166274] p 26 N83-10029

Flight testing operations procedure [AD-A116984] p 26 N83-10030

Application of advanced signal processing techniques to angle of arrival estimation in ATC navigation and surveillance systems [AD-A118306] p 28 N83-11108

Low altitude navigation augmentation system [AD-A119700] p 147 N83-14100

Software optimization for array processors. An AP-120B Kalman filter [AD-A119221] p 189 N83-14973

Precision navigational filmstrips for use in DOD aircraft [AD-A124761] p 432 N83-25688

Modeling the helmet-mounted sight system [AD-A124681] p 444 N83-25709

The influence of reference system disparity on navigation and positioning [AD-A125546] p 515 N83-29195

Report from the International Congress of Navigation --- integrated navigation p 593 N83-30400

[FOA-C-20489-E3] p 593 N83-30400

Interfacing the ROLM 1602B for the Metro navigation system [NLR-MP-81062-U] p 674 N83-32786

## NAVIGATION INSTRUMENTS

Fundamentals of radio navigation --- Russian book p 17 A83-10668

Mass-produced laser gyros p 63 A83-11628

Trend analysis concerning the displays and the keyboard of GPS navigation receivers for different applications p 37 A83-13010

Development of inertial navigation and its employment in measurement technology p 141 A83-16900

Hard limiter performance as a polarity detector for extremely polluted signals -- in Loran C navigation systems p 144 A83-19026

Integrated navigation. Actual and potential - Sea-air space, Proceedings of the International Congress, Paris, France, September 21-24, 1982. Volumes 1 & 2 p 254 A83-24851

Technical and operational evaluation of wide-area coverage navigation systems in the continental United States p 321 A83-28594

Performance capabilities of photographic flight navigation and sensor orientation systems p 431 A83-36122

A flight control and navigation system for small RPVs p 593 A83-43723

The emerging need for improved helicopter navigation p 671 A83-46930

Integrated navigation systems for aircraft p 723 A83-48735

Minimum operational performance standards for airborne area navigation equipment using VOR/DME reference facility sensor inputs [RTCA/DO-180] p 325 N83-22175

Flight testing of inertial navigation systems. Hardware and software description [ESA-TT-772] p 515 N83-27974

## NAVIGATION SATELLITES

Institute of Navigation, Annual Meeting, 38th, U.S. Air Force Academy, Colorado Springs, CO, June 14-17, 1982, Proceedings p 323 A83-29201

GPS navigation using three satellites and a precise clock p 673 A83-46970

**NAVSTAR SATELLITES**

NAVSTAR GPS - State of development and future of this global navigation system p 25 A83-13009

Fixed wing and rotary wing flight testing of Navstar GPS as a civilian navigation system p 199 A83-19777

Navstar equipments accuracy compared with experimental results p 255 A83-24861

- Multiconfiguration Kalman filter design for high-performance GPS navigation p 257 A83-26262  
 FAA helicopter NAVSTAR GPS flight testing p 323 A83-28788  
 Reliability of NAVSTAR GPS for civil aviation p 323 A83-28791  
 NAVSTAR-GPS at sea p 323 A83-29207  
 An advanced single-channel NAVSTAR GPS multiplex receiver with up to eight pseudochannels p 324 A83-29213  
 Alternative techniques to GPS/NAVSTAR p 513 A83-38937  
 Geodesy and the global positioning system p 671 A83-46338  
 A strategy for buildup to the operational Navstar GPS constellation p 672 A83-46961  
 Applications of time transfer using Navstar GPS p 673 A83-46964  
 The Navstar GPS p 673 A83-46965  
 Differential operation of NAVSTAR GPS p 673 A83-46968  
 Collins avionics NAVSTAR GPS advanced digital receiver p 673 A83-46969  
 GPS user errors resulting from one 'bad' satellite in the navigation solution p 674 A83-46971  
 Principles and present status --- of Navstar GPS for sea and air navigation p 723 A83-48733  
 Instrument approach aids for helicopters [FAA-RD-82-6] p 187 N83-12061  
 Global positioning system en route/terminal exploratory tests [FAA-RD-82-71] p 260 N83-18705
- NAVY**  
 U.S. Navy search and rescue Model Manager p 183 A83-15424  
 The United States Navy's injury experience in aircraft mishaps p 184 A83-15441  
 Use of commercial Omega/VLF in naval aviation p 671 A83-46953  
 The Navy PATE program - A status report --- Propulsion Automatic Test Equipment [ASME PAPER 83-GT-109] p 739 A83-47944
- NEAR FIELDS**  
 Near and far field airborne antenna pattern analysis p 143 A83-18645  
 Near-field frequency - Domain theory for propeller noise [AIAA PAPER 83-0688] p 365 A83-28007  
 Computer program to predict noise of general aviation aircraft User's guide [NASA-CR-168050] p 238 N83-17242
- NEAR WAKES**  
 Measurements of the near wake of an airfoil in unsteady flow [AIAA PAPER 83-0127] p 131 A83-16540  
 Velocity coupling A new concept for hover and axial flow wake analysis and design p 193 N83-17478
- NECK (ANATOMY)**  
 Traumatic occlusion of the vertebral artery caused by neck rotation [AD-A126922] p 606 N83-30409
- NEODYMIUM LASERS**  
 Neodymium YAG laser in airborne systems p 609 A83-42835
- NEPHELOMETERS**  
 Development of an airborne visibility meter [AD-A124276] p 410 N83-25327
- NETS**  
 Net-skirt addition to a parachute canopy to prevent inversion p 428 A83-36911
- NETWORK ANALYSIS**  
 Air traffic flow control systems - Modelling and evaluation p 258 A83-26602  
 Generation of the mode select sensor network coverage map [ATC-98A] p 188 N83-13088  
 For operation of the Computer Software Management and Information Center (COSMIC) [NASA-CR-172904] p 569 N83-30060
- NETWORK CONTROL**  
 The design of a packet switched network for aeronautical data interchange p 185 A83-14862  
 Generation of the mode select sensor network coverage map [ATC-98A] p 188 N83-13088
- NETWORK SYNTHESIS**  
 ASTF test instrumentation system detail design --- Aeropropulsion System Test Facility p 54 A83-11059  
 Extended perfect model following --- control system synthesis technique p 235 A83-20289  
 Multivariable stability margins for vehicle flight control systems p 285 A83-24815  
 Multiconfiguration Kalman filter design for high-performance GPS navigation p 257 A83-26262
- Using adaptive control to synthesize invariant and partially autonomous automatic stabilization systems p 460 A83-33900
- NEW YORK**  
 Airport delay and improvement study John F. Kennedy International Airport and LaGuardia Airport [PB82-195884] p 58 N83-11153
- NEWTON THEORY**  
 Calculation of damping derivatives for arbitrary 3-dimensional bodies using Newtonian impact theory [NAL-TR-722] p 244 N83-18660
- NEWTON-RAPHSON METHOD**  
 A comparison of minimizing strategies for maximum likelihood identification --- stability and control derivatives of wide body aircraft p 567 A83-37085
- NICKEL ALLOYS**  
 Fabrication and heat treatment of a Ni-base superalloy integrally bladed rotor for small gas turbine engine applications p 177 A83-19102  
 Effects of cobalt in nickel base superalloys p 223 A83-21467  
 Metallurgical instabilities during the high temperature low cycle fatigue of nickel-base superalloys p 224 A83-22019  
 The effect of microstructure on the fatigue behavior of Ni base superalloys p 469 A83-36166  
 Fatigue crack initiation and propagation in several nickel-base superalloys at 650 C p 634 A83-41199  
 Ni-base MC-carbide reinforced eutectic alloys for jet engine application p 691 A83-44061  
 Development of the single crystal alloys CM SX-2 and CM SX-3 for advanced technology turbine engines [ASME PAPER 83-GT-244] p 756 A83-48034  
 Aluminum coatings on superalloys [ONERA, TP NO 1983-68] p 756 A83-48189  
 A fundamental basis for using the platinum group elements as alloying additions in nickel base alloys to improve high temperature corrosion p 757 A83-49501  
 COSAM (Conservation Of Strategic Aerospace Materials) program overview [NASA TM-83006] p 61 N83-11282  
 Overspeed and overtemperature tests and dissection examination of the turbine discs made of a iron-nickel base superalloy p 165 N83-15261  
 Creep and fatigue interactions in a nickel base superalloy [NLR-MP-82003-U] p 234 N83-17903  
 Coarsening and solutioning of precipitates in superalloys [NLR-TR-81114-U] p 404 N83-23422
- NICKEL CADMIUM BATTERIES**  
 Discharge rate capability of nickel-cadmium aircraft batteries p 336 A83-27190
- NICKEL COATINGS**  
 Electroless nickel applications in aircraft maintenance [SAE PAPER 820609] p 696 A83-45867
- NICKEL HYDROGEN BATTERIES**  
 Engineering properties of Hughes/Air Force nickel-hydrogen cells p 361 A83-27203
- NIGHT**  
 Current practices on nighttime pavement construction asphaltic concrete [DOT/FAA/RD-80/121] p 207 N83-12101
- NIGHT FLIGHTS (AIRCRAFT)**  
 USAF studies fighters for dual-role, all-weather operations p 151 A83-17276
- NIGHT VISION**  
 Infrared target array development p 268 A83-23527  
 Antitank missiles night firing from Aerospace helicopters [SNIAS-822-320-101] p 58 N83-10102  
 The status of LLTV for avionic applications p 735 N83-34892
- NIObIUM**  
 COSAM (Conservation Of Strategic Aerospace Materials) program overview [NASA TM-83006] p 61 N83-11282
- NITROGEN**  
 The AH-64 nitrogen inerting unit p 263 A83-25895
- NITROGEN OXIDES**  
 Multifuel evaluation of nch/quench/lean combustor [NASA-TM-82986] p 69 N83-10559  
 Investigation of a low NOx full-scale annular combustor [NASA-CR-165518] p 202 N83-13104  
 Water injection into compressors of gas turbines for power increase and reduction of NOx emission [BMFT-FB-T-82-075] p 233 N83-16765  
 Pollutant formation in monodisperse fuel spray combustion p 538 N83-29213  
 Expanded operational capabilities of the Langley Mach 7 Scramjet test facility [NASA-TP-2186] p 754 N83-36039
- NITROUS OXIDES**  
 Design of a low emission combustor for an automotive gas turbine [AIAA PAPER 83-0338] p 179 A83-166C4
- NOISE**  
 A study of noise metric and tone correction accuracy [NASA-CR-165910] p 304 N83-20445
- NOISE (SOUND)**  
 Second National Conference on General Aviation Airport Noise and Land Use Planning Summary of proceedings [PB82-218520] p 69 N83-11628  
 Noise source mechanisms in unsteady flow [PB82-203837] p 223 N83-12976  
 USAF Bioenvironmental Noise Data Handbook Volume 160 KC-10A aircraft, near and far-field noise [AD-A121301] p 309 N83-19579  
 A holographic interferometry technique for measuring transonic flow near a rotor blade [NASA-TM-84405] p 702 N83-34278
- NOISE GENERATORS**  
 Rotor wake characteristics relevant to rotor-stator interaction noise generation p 39 A83-10184  
 A microcomputer-based system for noise characteristics analysis p 72 A83-11915  
 Noise generated by a propeller or a helicopter rotor p 41 A83-12343  
 Flight test of the 747-JT9D for airframe noise p 189 A83-13163  
 Aerosound from corner flow and flap flow [AIAA PAPER 81-2039] p 237 A83-19813  
 Noise source identification in airplane cabins using acoustic intensity technique [AIAA PAPER 83-0716] p 307 A83-25931  
 Noise generation by a low-Mach-number jet p 769 A83-49462  
 Noise generated by airfoil profiles placed in a uniform laminar flow p 769 A83-49463  
 Recent results about fan noise Its generation, radiation and suppression [NASA-TM-83002] p 224 N83-13939  
 Propeller aircraft interior noise p 309 N83-18658  
 Investigation of jet installation noise sources under static conditions [NASA-TP-2181] p 706 N83-33684
- NOISE INTENSITY**  
 Helicopter flight noise tests about the influence of rotor-rotational and forward speed changes on the characteristics of the imitted sound [AIAA PAPER 83-0672] p 365 A83-28002  
 A study of the distribution of the noise source strengths in coaxial double jet p 570 A83-37570  
 Second National Conference on General Aviation Airport Noise and Land Use Planning Summary of proceedings [PB82-218520] p 69 N83-11628  
 USAF Bioenvironmental Noise Data Handbook Volume 155 CH-3 in-flight crew noise [AD-A120791] p 191 N83-16154  
 A survey of helicopter and ambient urban noise levels in Phoenix, Arizona [AD-A123856] p 479 N83-26322
- NOISE MEASUREMENT**  
 Propeller noise at model- and full-scale p 222 A83-15314  
 Novel airborne technique for aircraft noise measurements above the flight path p 222 A83-15316  
 Free stream noise and transition measurements in a Mach 3.5 pilot quiet tunnel [AIAA PAPER 83-0042] p 171 A83-16482  
 A note on the tip noise of rotating blades p 305 A83-23708  
 Noise transmission through sidewall treatments applicable to twin-engine turboprop aircraft [AIAA PAPER 83-0695] p 306 A83-25916  
 An experimental study of supersonic jet shock-associated noise [AIAA PAPER 83-0708] p 307 A83-25924  
 Noise source identification in airplane cabins using acoustic intensity technique [AIAA PAPER 83-0716] p 307 A83-25931  
 Sources of installed turboprop noise [AIAA PAPER 83-0744] p 280 A83-25946  
 Farfield inflight measurements of high-speed turboprop noise [AIAA PAPER 83-0745] p 280 A83-25947  
 Flyover noise measurements for turbo-prop aircraft [AIAA PAPER 83-0746] p 280 A83-25948  
 Airfoil self noise - Effect of scale [AIAA PAPER 83-0785] p 307 A83-25966  
 Measurements and predictions of turboprop noise at high cruise speed [AIAA PAPER 83-0689] p 365 A83-28008  
 Comparison of broadband noise mechanisms, analyses, and experiments on helicopters, propellers, and wind turbines [AIAA PAPER 83-0690] p 365 A83-28009

## SUBJECT INDEX

- A new measurement method for separating airborne and structureborne aircraft interior noise p 366 A83-28186
- A study of helicopter rotor noise, with special reference to tail rotors, using an acoustic wind tunnel p 367 A83-29403
- Full-scale measurements of blade-vortex interaction noise p 435 A83-35947
- In-flight acoustic test results for the SR-2 and SR-3 advanced-design propellers [AIAA PAPER 83-1214] p 452 A83-36286
- A study of the distribution of the noise source strengths in coaxial double jet p 570 A83-37570
- Sampling strategies for monitoring noise in the vicinity of airports p 570 A83-37731
- Operational military helicopter interior noise and vibration measurements with comparisons to ride quality criteria [AIAA PAPER 83-2526] p 728 A83-48364
- Noise of the 10-bladed, 40 deg swept SR-6 propeller in a wind tunnel p 74 N83-11840
- [NASA-TM-82950] p 74 N83-11840
- Correlation of core noise obtained by three signal coherence techniques [NASA-TM-83012] p 222 N83-12966
- Operational noise data for UH-60A and CH-47C Army helicopter [AD-A118796] p 223 N83-12974
- Should helicopter noise be measured differently from other aircraft noise? A review of the psychoacoustic literature [NASA-CR-3609] p 224 N83-13937
- Propeller aircraft noise-certification and flight testing p 308 N83-18657
- X wing noise data acquisition program [NASA-CR-166454] p 266 N83-18717
- Measurements of the attenuation of an Army headset [BR84535] p 309 N83-20704
- The influence of helicopter operating conditions on rotor noise characteristics and measurement repeatability [AD-A121426] p 310 N83-20707
- Noise of the 10-bladed 60 deg swept SR-5 propeller in a wind tunnel [NASA-TM-83054] p 367 N83-23112
- A survey of helicopter and ambient urban noise levels in Phoenix, Arizona [AD-A123856] p 479 N83-26322
- Acoustic measurements of the X-wing rotor [NASA TM-84292] p 571 N83-28985
- Ground reflection effects in measuring propeller aircraft flyover noise [ESA-TT-742] p 571 N83-28992
- Propeller aircraft noise certification and flight testing [DFVLR-MIT-82-16] p 572 N83-28993
- Characteristics of the transmission loss apparatus at NASA Langley Research Center [NASA-CR-172153] p 572 N83-30165
- The effect on the measurement of aircraft noise of reflections from the ground [NPL-AC-102] p 653 N83-32517
- Interior noise and vibration measurements on operational military helicopters and comparisons with various ride quality criteria [NASA TM-84664] p 653 N83-32518
- Residents' annoyance responses to aircraft noise events [NASA TP-2121] p 707 N83-34713
- The C-9A interior noise evaluation [AD-A129256] p 770 N83-36852
- ### NOISE POLLUTION
- Aircraft trajectories for reduced noise impact p 667 A83-43971
- Noise in America Extent of the noise problem [PB82-219189] p 69 N83-11629
- Aircraft noise problems p 224 N83-13940
- Ultra sound and insurance p 412 N83-24286
- Estimating regression coefficients from clustered samples Sampling errors and optimum sample allocation [NASA-CR-166117] p 412 N83-25496
- Helicopter noise exposure curves for use in environmental impact assessment [AD-A123467] p 413 N83-25500
- A survey of helicopter and ambient urban noise levels in Phoenix, Arizona [AD-A123856] p 479 N83-26322
- AICUZ (Air Installation Compatible Use Zone) report [AD-A124974] p 483 N83-27801
- USAF (United States Air Force) bioenvironmental noise data handbook Volume 2 Index [AD-A126851] p 653 N83-31421
- Computer programs for producing single-event aircraft noise data for specific engine power and meteorological conditions for use with USAF (United States Air Force) community noise model (NOISEMAP) [AD-A127419] p 653 N83-31422

## NOISE PREDICTION

- An experimental study of windturbine noise from blade-lower wake interaction [AIAA PAPER 83-0691] p 306 A83-25913
- On the shock cell structure and noise of supersonic jets [AIAA PAPER 83-0703] p 306 A83-25923
- Airport and highway noise control, planning and analysis [PB83-153692] p 560 N83-28290
- ### NOISE PREDICTION (AIRCRAFT)
- Rotor wake characteristics relevant to rotor-stator interaction noise generation p 39 A83-10184
- A microcomputer-based system for noise characteristics analysis p 72 A83-11915
- Noise generated by a propeller or a helicopter rotor p 41 A83-12343
- Prediction of jet exhaust noise on airframe surfaces during low-speed flight p 198 A83-13160
- A note on the general scaling of helicopter blade-vortex interaction noise [ONERA, TP NO 1982-32] p 221 A83-13375
- Propeller noise at model- and full-scale p 222 A83-15314
- Noise of a model helicopter rotor due to ingestion of isotropic turbulence p 190 A83-18397
- Conventional profile coaxial jet noise prediction p 237 A83-22128
- High bypass ratio engine noise component separation by coherence technique p 211 A83-22159
- Theoretical and experimental study of helicopter rotor noise [ONERA, TP NO 1982-74] p 205 A83-23247
- Ground effects on aircraft noise for a wide-body commercial airplane p 305 A83-24034
- Experimental investigations concerning the noise produced by model propellers and propeller-driven small aircraft [DGLR PAPER 82-068] p 274 A83-24182
- The prediction of the noise of supersonic propellers in time domain - New theoretical results [AIAA PAPER 83-0743] p 280 A83-25945
- Flyover noise measurements for turbo-prop aircraft [AIAA PAPER 83-0746] p 280 A83-25948
- Prediction of high bypass ratio engine static and flyover jet noise [AIAA PAPER 83-0773] p 281 A83-25958
- Flight effects for jet-airframe interaction noise [AIAA PAPER 83-0784] p 264 A83-25965
- Comparison of measured and predicted flight effects on high bypass coaxial jet exhaust noise [AIAA PAPER 83-0749] p 308 A83-26450
- Measurements of the scattering of sound by a line vortex [AIAA PAPER 83-0676] p 365 A83-28004
- Near field frequency - Domain theory for propeller noise [AIAA PAPER 83-0688] p 365 A83-28007
- Measurements and predictions of turboprop noise at high cruise speed [AIAA PAPER 83-0689] p 365 A83-28008
- The acoustic response of a propeller subjected to gusts incident from various inflow angles [AIAA PAPER 83-0692] p 366 A83-28010
- Coaxial supersonic jet-flows, shock structure and related problems with noise-suppression assessment and prediction [AIAA PAPER 83-0707] p 366 A83-28011
- Model and full-scale studies of the exhaust noise from a bypass engine in flight [AIAA PAPER 83-0751] p 337 A83-28019
- Application of 3 signal coherence to core noise transmission [AIAA PAPER 83-0759] p 366 A83-28021
- Design for prevention of acoustic fatigue --- of aircraft structures [AIAA 83-0973] p 329 A83-29782
- Rotor-vortex interaction noise [AIAA PAPER 83-0720] p 367 A83-29950
- Laboratory study of add-on treatments for interior noise control in light aircraft p 386 A83-32581
- Time-of-day corrections in measures of aircraft noise exposure p 411 A83-33024
- Method for calculating jet noise in the presence of a shielding surface p 570 A83-37253
- Determination of the equivalent noise level contour for a passenger jet aircraft over a place in the case of quasi-steady flight regimes p 570 A83-37535
- Interior noise considerations for advanced high-speed turboprop aircraft p 675 A83-43970
- Subsonic and transonic propeller noise [ONERA, TP NO 1983-76] p 769 A83-48191
- The Shock and Vibration Digest, volume 14, no 8 [AD-A119004] p 67 N83-10433

## NOISE REDUCTION

- Second National Conference on General Aviation Aircraft Noise and Land Use Planning Summary of proceedings [PB82-218520] p 69 N83-11628
- Aircraft noise prediction program user's manual [NASA-TM-84486] p 190 N83-16150
- Airport noise Land-use compatibility by the year 2000 [PB82-259151] p 220 N83-16359
- Comparison of forward flight effects theory of A Michalke and U Michel with measured data [NASA-CR-3665] p 238 N83-17239
- Computer program to predict noise of general aviation aircraft. User's guide [NASA-CR-168050] p 238 N83-17242
- Propeller noise prediction and research techniques p 308 N83-18651
- Advanced theoretical treatment of propeller noise p 308 N83-18655
- Propeller Performance and Noise, Volume 2 [VKI-LS-1982-08-VOL 2] p 242 N83-18656
- Comparison of measured and predicted flight effects on high-bypass coaxial jet exhaust noise [NASA-TM-83347] p 368 N83-23115
- Limits on the prediction of helicopter rotor noise using thickness and loading sources Validation of helicopter noise prediction techniques [NASA-CR-166097] p 412 N83-25498
- JT150 1/2-scale nozzle jet noise experiment and comparison with prediction [NASA-TM-83370] p 482 N83-27793
- Propeller noise prediction [NASA-TM-85636] p 571 N83-28984
- Propeller aircraft noise certification and flight testing [DFVLR-MIT 82-16] p 572 N83-28993
- ### NOISE PROPAGATION
- Generation of desired signals from acoustic drivers --- for aircraft engine internal noise propagation experiment p 199 A83-15068
- On the radially non-compact source model for subsonic jet noise p 190 A83-16929
- Non-linear effect in high speed rotor noise p 190 A83-18393
- Noise transmission characteristics of advanced composite structural materials [AIAA PAPER 83-0694] p 306 A83-25915
- Noise transmission through sidewall treatments applicable to twin-engine turboprop aircraft [AIAA PAPER 83-0695] p 306 A83-25916
- An improved jet noise scaling law which incorporates phase differences due to flight effects [AIAA PAPER 83-0747] p 307 A83-25949
- The Shock and Vibration Digest, volume 14, no 8 [AD-A119004] p 67 N83-10433
- Recent research on noise transmission into aircraft p 73 N83-10435
- Noise source mechanisms in unsteady flow [PB82-203837] p 223 N83-12976
- Coherent structure and jet noise p 190 N83-14513
- Lifting surface theory for a helicopter rotor in forward flight [NASA-CR-169997] p 246 N83-19709
- Application of 3-signal coherence to core noise transmission [NASA-TM-83333] p 367 N83-23114
- Department of Aeroacoustics p 706 N83-32980
- An introduction to aircraft noise lateral attenuation --- sound pressure level [ESDU-81035] p 706 N83-33677
- ### NOISE REDUCTION
- Tests of a thermal acoustic shield with a supersonic jet p 72 A83-10183
- AEHP for advanced technology aircraft --- Atmospheric Electricity Hazard Protection p 2 A83-11088
- Methods for minimizing the effects of lightning transients on aircraft electrical systems p 29 A83-11088
- Aeroacoustical characteristics of a mechanical noise suppressor in a nozzle configuration with a central tailcone p 222 A83-13590
- Length and time scales relevant to sound generation in excited jets p 222 A83-15298
- Novel airborne technique for aircraft noise measurements above the flight path p 222 A83-15316
- Procedure for evaluation of engine isolators for reduced structure-borne noise transmission p 199 A83-15320
- Theoretical and experimental evaluation of transmission loss of cylinders --- as idealized aircraft fuselages p 237 A83-19808
- Screech suppression in supersonic jets p 237 A83-19814
- Acoustic environment in large enclosures with a small opening exposed to flow p 237 A83-22161
- Noise-reducing takeoff and landing procedures and the potential for their operational use in the Airbus A300 [DGLR PAPER 82-032] p 247 A83-24158
- Observers as noise filters in an automatic aircraft landing system p 285 A83-24434

## NOISE SPECTRA

- Design of an advanced 500-HP helicopter transmission p 277 A83-24834
- Evaluation of interior noise control treatments for high-speed propfan-powered aircraft [AIAA PAPER 83-0693] p 264 A83-25914
- An experimental investigation of sound radiation from a duct with a circumferentially varying liner [AIAA PAPER 83-0712] p 307 A83-25928
- Specification, design, and test of aircraft engine isolators for reduced interior noise [AIAA PAPER 83-0718] p 279 A83-25932
- Vane camber and angle of incidence effects in fan noise generation [AIAA PAPER 83-0766] p 280 A83-25956
- Porous-plug flowfield mechanisms for reducing supersonic jet noise [AIAA PAPER 83-0774] p 281 A83-25959
- Friction drag and other design parameters for acoustic face sheets --- for aircraft noise reduction [AIAA PAPER 83-0780] p 307 A83-25962
- The design and flight test of an engine inlet bulk acoustic liner [AIAA PAPER 83-0781] p 281 A83-25963
- Adaptive clutter suppression for airborne phased array radars p 320 A83-27919
- Coaxial supersonic jet-flows, shock structure and related problems with noise-suppression assessment and prediction [AIAA PAPER 83-0707] p 366 A83-28011
- Synchrophasing for cabin noise reduction of propeller-driven airplanes [AIAA PAPER 83-0717] p 326 A83-28013
- Noise generation by a finite span swept airfoil [AIAA PAPER 83-0768] p 366 A83-28023
- Wind tunnel noise reduction at Mach 5 with a rod-wall sound shield --- for prevention of premature boundary layer transition on wind tunnel models [AIAA PAPER 82-0570] p 346 A83-28952
- Aeroacoustics of supersonic porous plug-nozzle flows [AIAA PAPER 83-0775] p 411 A83-31325
- Laboratory study of add-on treatments for interior noise control in light aircraft p 386 A83-32581
- Advanced turboprop cargo aircraft systems study p 386 A83-32582
- Time-of-day corrections in measures of aircraft noise exposure p 411 A83-33024
- Method of calculating optimum angular blade pitches in fan with unequally pitched blades p 375 A83-33090
- Aircraft noise and the airport community [AIAA PAPER 83-1580] p 409 A83-33352
- Effect of sound absorbing wall linings on aerodynamic forces of a subsonic vibrating cascade p 411 A83-33372
- Friction drag measurements of acoustic surfaces [AIAA PAPER 83-1356] p 422 A83-36414
- Method for calculating jet noise in the presence of a shielding surface p 570 A83-37253
- Cabin noise weight penalty requirements for a high-speed propfan-powered aircraft - A progress report [SAE PAPER 821360] p 517 A83-37958
- The recipe for re-engineing jet transports [SAE PAPER 821441] p 518 A83-37989
- The Coanda/refraction concept for gas turbine engine test cell noise suppression [SAE AIR 1813] p 547 A83-38105
- Interior noise considerations for advanced high-speed turboprop aircraft p 675 A83-43970
- Aircraft trajectories for reduced noise impact p 667 A83-43971
- Coping with impulse interference in an advanced development, low-cost Omega/VLF RNAV system p 672 A83-46957
- Model test and full-scale checkout of dry-cooled jet runup sound suppressors p 753 A83-48217
- Analysis of the effects of explosive fuel ignition on an aircraft noise suppressor system p 43 A83-10247
- Holographic interferometry technique for rotary wing aerodynamics and noise [NASA-TM-84723] p 67 A83-10378
- Flight effects of fan noise [NASA-CP-2242] p 73 A83-10883
- Aircraft noise reduction [PB82-206095] p 194 A83-12080
- The effects of precipitation static and lightning on the airborne reception of Loran-C Volume 1 Analysis [DOT/FAA/RD-82/45-1] p 217 A83-12299
- USAF bioenvironmental noise data handbook Volume 172 Hush-noise suppressor (Aero Systems Engineering, Incorporated) far-field noise [AD-A118773] p 223 A83-12973
- Recent results about fan noise Its generation, radiation and suppression [NASA-TM-83002] p 224 A83-13939
- Aircraft noise problems p 224 A83-13940
- Digital filtering of helicopter flight data [ARL/AERO-NOTE-406] p 154 A83-14106

- Electronic voice communications improvements for Army aircraft [AD-A119427] p 183 A83-14387
- Design and test of aircraft engine isolators for reduced interior noise [NASA-CR-166021] p 190 A83-15042
- Study of the damping characteristics of general aviation aircraft panels and development of computer programs to calculate the effectiveness of interior noise control treatment, part 1 [NASA-CR-169534] p 190 A83-15043
- Reduction of high-speed impulsive noise by blade planform modification of a model helicopter rotor [NASA-TM-84553] p 191 A83-16151
- Airport community soundproofing and relocation study [PB82-259144] p 220 A83-16358
- Airport noise Land-use compatibility by the year 2000 [PB82-259151] p 220 A83-16359
- Sound shield [NASA-CASE-LAR-12883-1] p 237 A83-17235
- Effects of flight on noise radiated from convected ring sources in coaxial dual flow Part 2 The noise from heated jets [NASA-CR 169736] p 238 A83-17237
- The analysis of integrated fuel efficient, low noise procedures in lax terminal area operations --- (Los Angeles) p 202 A83-17459
- Aeroacoustics of a porous plug supersonic jet noise suppressor [NASA-CR-169977] p 309 A83-19576
- Recommendations for the acoustic treatment of Cumbica International Airport [IESA-144-83] p 309 A83-19578
- Airport and highway noise control, planning and analysis [PB83-153692] p 560 A83-28290
- Experimental and analytical studies of shielding concepts for point sources and jet noise [UTIAS-266] p 571 A83-28983
- Minimum noise impact aircraft trajectories p 515 A83-29191
- Economic effects of noise abatement regulations on the helicopter industry [AD-A127331] p 576 A83-30356
- Computer programs for producing single-event aircraft noise data for specific engine power and meteorological conditions for use with USAF (United States Air Force) community noise model (NOISEMAP) [AD-A127419] p 653 A83-31422
- Interior noise and vibration measurements on operational military helicopters and comparisons with various noise quality criteria [NASA-TM-84664] p 653 A83-32518
- Noise suppressor for turbo fan jet engines [NASA-CASE-ARC-10812-1] p 685 A83-33884
- A holographic interferometry technique for measuring transonic flow near a rotor blade [NASA-TM-84405] p 702 A83-34278
- ### NOISE SPECTRA
- On the radially non-compact source model for subsonic jet noise p 190 A83-16929
- Strut or guide vane secondary flows and their effect on turbomachinery noise p 190 A83-18414
- Effect of excitation on coaxial jet noise p 237 A83-19811
- Ground effects on aircraft noise for a wide-body commercial airplane p 305 A83-24034
- Cross spectra between temperature and pressure in a constant area duct downstream of a combustor [AIAA PAPER 83-0762] p 481 A83-33487
- Nonstationarity in acoustic fields p 769 A83-47628
- Correlation of core noise obtained by three signal coherence techniques [NASA-TM-83012] p 222 A83-12966
- ### NOISE TEMPERATURE
- Cross spectra between temperature and pressure in a constant area duct downstream of a combustor [AIAA PAPER 83-0762] p 481 A83-33487
- ### NOISE TOLERANCE
- A pilot study of human response to general aviation aircraft noise [NASA-CR-166053] p 238 A83-18404
- Estimating regression coefficients from clustered samples Sampling errors and optimum sample allocation [NASA-CR 166117] p 412 A83-25496
- ### NOMOGRAMS
- Nomogram for take-off performance of the V/STOL airplane p 30 A83-12665
- Computer-enhanced analysis of a jet in a cross stream p 228 A83-19804
- ### NONDESTRUCTIVE TESTS
- Ultrasonic tomography for nondestructive evaluation p 63 A83-11505
- Multisegment eddy current probe p 214 A83-15191

## SUBJECT INDEX

- NDE of fastener hole cracks by the electric current perturbation method p 214 A83-15192
- Characterization of NDE reliability p 214 A83-15211
- Eddy current impedance plane analysis p 231 A83-22410
- Rethinking automation in NDT applications p 298 A83-23920
- Statistical determination of a flaw detection probability curve p 300 A83-26763
- Nondestructive airfield pavement testing using laser technology [AIAA PAPER 83-1601] p 399 A83-33364
- Evaluation of the effect of voids in composite main rotor blades p 472 A83-33507
- Evaluation of the effect of voids in composite main rotor blades p 435 A83-35950
- Life prediction for turbine engine components p 474 A83-36174
- Nondestructive evaluation methods for implementation of damage-tolerant designed gas turbine engine components [AIAA PAPER 83-1232] p 452 A83-36295
- Design of algorithms to extract data from capacitance sensors to measure fastener hole profiles p 639 A83-41026
- A critical commentary on magnetic particle inspection p 694 A83-43829
- Pulsed holographic nondestructive testing on aircraft p 695 A83-44828
- Detection of cracks under installed fasteners in aircraft structures p 697 A83-46769
- X-ray tomography applied to NDE of ceramics [ASME PAPER 83-GT-206] p 762 A83-48007
- Longitudinal joint systems in slip-formed rigid pavements Volume 5 Summary of field test results from Chicago O'Hare International Airport [FAA-RD-79-4-5] p 293 A83-19762
- Research to develop and evaluate advanced eddy current sensors for detecting small flaws in metallic aerospace components [AD-A125873] p 564 A83-29726
- Demonstration and analysis of an improved nondestructive evaluation (NDE) method for rotary wing head spindle threads [AD-A128741] p 712 A83-34890
- ### Nonequilibrium Flow
- Nonequilibrium flow over delta wings with detached shock waves p 176 A83-13126
- Aerodynamic characteristics of thin wings in a nonequilibrium hypersonic gas flow p 495 A83-37640
- ### Nonflammable Materials
- Effectiveness of seat cushion blocking layer materials against cabin fires [SAE PAPER 821484] p 507 A83-38003
- Fire resistant aircraft hydraulic system [AD-A118169] p 33 A83-11118
- Application of thermochemical modeling to aircraft interior polymeric materials [NASA-CR-169384] p 211 A83-12237
- Fire resistant films for aircraft applications [NASA-TM-84337] p 352 A83-22320
- ### Nonlinear Equations
- Real time digital integration and integral step size for flight control and flight simulation [NAL-TR-743] p 397 A83-24514
- ### Nonlinear Filters
- Nonlinear filter for pilot's remnant attenuation p 285 A83-24436
- Nonlinear Kalman filtering techniques for terrain-aided navigation p 257 A83-26263
- Old problem/new solutions - Motion cueing algorithms revisited [AIAA PAPER 83-1082] p 480 A83-36223
- Airborne radar tracking system based on optimal filtering theory p 592 A83-43696
- ### Nonlinear Programming
- Decomposition method for minimizing the weight of the load-carrying structure of a swept wing with allowance for the conditions of static strength and prescribed aileron efficiency p 556 A83-37514
- Optimal design of the blading of axial turbines --- Russian book p 694 A83-43924
- Aircraft production and development schedules [AD-A118047] p 6 A83-11056
- CAD of control systems Application of nonlinear programming to a linear quadratic formulation [NASA-CR-172151] p 562 A83-29448
- Development of a multilevel optimization approach to the design of modern engineering systems [NASA-CR-172184] p 678 A83-32796
- ### Nonlinear Systems
- Nonlinear structural and life analyses of a combustor liner p 65 A83-12764
- The application of nonlinear analysis techniques to practical structural design problems p 65 A83-12765

## SUBJECT INDEX

- Nonlinear observers for evaluating the state variables of the longitudinal motion of an aircraft — German thesis p 169 A83-19822
- Numerical calculations of nonlinear aerodynamics of wing-body configurations p 189 A83-21022
- Practical application of a model for fatigue damage with irregular cyclic loading p 224 A83-21757
- A discrete tracking control law for nonlinear plants — applied to F-8 aircraft stall recovery p 286 A83-26503
- Globally stable nonlinear flight control system p 395 A83-32425
- The response of aircraft to pulse excitation p 434 A83-34312
- Numerical calculation of nonlinear aerodynamics of wing-body configurations p 420 A83-36076
- Stability of aircraft motion in critical cases p 544 A83-37066
- Bifurcation and limit cycle analysis of nonlinear systems with an application to aircraft at high angles of attack p 544 A83-37080
- Nonlinear multivariable design by total synthesis — of gas turbine engine control systems p 531 A83-37092
- Controller scheduling — A possible algebraic viewpoint p 567 A83-37093
- A fault tolerant approach to state estimation and failure detection in nonlinear systems p 568 A83-37121
- One new method of dynamic flight control p 568 A83-37447
- Use of mixed performance criteria in gas turbine engine controller design p 612 A83-41482
- The Shock and Vibration Bulletin Part 3 Analytical methods, dynamic analysis, vehicle systems [AD-D432842] p 66 A83-10253
- A nonlinear structural concept for compliant walls — drag reduction [NASA-CR-3628] p 11 A83-11061
- Large displacements and stability analysis of nonlinear propeller structures p 218 A83-12460
- Nonlinear observers for estimation of the state variables of an aircraft lateral motion [TUBS/FB-81-11-01] p 206 A83-13120
- Aeroelastic equilibrium of an helicopter rotor with nonlinear aerodynamic forces p 235 A83-17482
- A modular approach to high reliability software generation with application to nonlinear control p 363 A83-22104
- A simple propulsion system model for the simulation of nonlinear dynamic thrust response [NASA-TM-77053] p 393 A83-23310
- NONLINEARITY**
- Experience of non-linear high incidence aerodynamic characteristics p 50 A83-10070
- A comparison of analytical techniques for predicting stability boundaries for some types of aerodynamic or cross-coupling nonlinearities p 51 A83-10071
- General purpose flight simulation program (FSPK-1) Part 1 Contents of the program p 207 A83-17529
- Application of nonlinear adaptive motion washout to transport ground-handling simulation [NASA-TM-84568] p 265 A83-18709
- Evaluation of the effect of vibration nonlinearity on convergence behavior of adaptive higher harmonic controllers [NASA-CR-166424] p 266 A83-18718
- Flutter investigations in the transonic flow regime for a fighter type aircraft p 345 A83-22217
- NASA/RAE collaboration on nonlinear control using the F-8C digital fly-by-wire aircraft [NASA-TM-84296] p 396 A83-23316
- Investigation of limit cycle response of aerodynamic surfaces with structural nonlinearities [AD-A127140] p 584 A83-31580
- NONSTABILIZED OSCILLATION**
- Nonlinear forced oscillations of a rotating shaft carrying an unsymmetrical rotor at the major critical speed p 228 A83-20288
- NONSYNCHRONIZATION**
- Nonsynchronous whirls of the turbine rotor in aerojet engines p 615 A83-43694
- NONUNIFORM FLOW**
- The effect of the nonuniformity of supersonic flow with shocks on friction and heat transfer in the channel of a hypersonic ramjet engine p 211 A83-22654
- Induced drag of a slender wing in a nonuniform stream p 312 A83-28970
- Non-uniform flows in axial compressors due to tip clearance variation p 745 A83-48824
- NORMAL DENSITY FUNCTIONS**
- Study on Time Between Overhauls (TBO) of aircraft turbojet and its reliability p 164 A83-15255
- NORMAL SHOCK WAVES**
- The effect of a normal shock on the aeroelastic stability of a panel [ASME PAPER 83-APM-28] p 493 A83-37381

- NORTH ATLANTIC TREATY ORGANIZATION (NATO)**
- Military requirements — fuel economy, air traffic control, and defense budgets p 325 A83-22181
- NOSE INLETS**
- Axisymmetric nose inlet effects on supersonic airflows p 503 A83-40008
- NOSE TIPS**
- Investigation of the possibility of reducing aerodynamic drag by a mechanism of initial vortex formations p 374 A83-30723
- Single- and multiple-crater induced nosetip transition p 202 A83-36078
- NOSES (FOREBODIES)**
- Wind tunnel test of a C-18 aircraft modified with the advanced range instrumentation aircraft radome [AD-A124771] p 425 A83-25671
- NOTCH STRENGTH**
- The effects of small deformation on creep and stress rupture of ODS superalloys [AD-A125640] p 553 A83-28212
- NOTCH TESTS**
- Prediction capability and improvements of the numerical notch analysis for fatigue loaded aircraft and automotive components p 213 A83-13907
- Surface notches in composites p 284 A83-23931
- NOWCASTING**
- The CWSU - A renewed effort to aid IFR pilots — Center Weather Service Units p 408 A83-30548
- Application of VAS multispectral imagery to aviation forecasting — VISSR Atmospheric Sounder for GOES satellites p 408 A83-30561
- NOZZLE DESIGN**
- Internal performance prediction for advanced exhaust systems — for tactical aircraft p 211 A83-22156
- Vectored thrust afterbody nozzles for future combat aircraft p 448 A83-35859
- A high speed wind tunnel test evaluation of STOL dedicated advanced exhaust nozzle concepts [AIAA PAPER 83-1225] p 421 A83-36282
- A static investigation of yaw vectoring concepts on two-dimensional convergent-divergent nozzles [AIAA PAPER 83-1288] p 421 A83-36324
- Design and development of a nozzle extendible exit cone [AIAA PAPER 83-1410] p 487 A83-36399
- Development of thrust augmentation technology for the Pegasus vectored thrust engine [SAE PAPER 821390] p 532 A83-37966
- Development and operating characteristics of an advanced two-stage combustor p 535 A83-38022
- Advanced technology exhaust nozzle development [AIAA PAPER 83-1286] p 496 A83-38080
- Exhaust nozzle concepts for STOL tactical aircraft [AIAA PAPER 83-1226] p 523 A83-39102
- Survey of inlet development for supersonic aircraft [AIAA PAPER 83-1164] p 503 A83-40473
- A new method of boundary layer correction in the design of supersonic wind tunnel nozzle p 659 A83-44581
- A simple method for designing optimum annular diffusers [ASME PAPER 83-GT-42] p 737 A83-47902
- Subsonic/supersonic aeropropulsive characteristics of nonaxisymmetric nozzles installed on an F-18 model p 744 A83-48215
- Performance of a forward swept wing fighter utilizing thrust vectoring [AIAA PAPER 83-2482] p 727 A83-48344
- Subsonic diffuser development of advanced tactical aircraft [AIAA PAPER 83-1168] p 717 A83-49300
- Effects of varying podded nacelle-nozzle installations on transonic aeropropulsive characteristics of a supersonic fighter aircraft [NASA-TP-2120] p 427 A83-26821
- NOZZLE FLOW**
- Comparison of computational and experimental jet effects p 7 A83-10185
- Effects of various empennage parameters on the aerodynamic characteristics of a twin-engine afterbody model [AIAA PAPER 83-0085] p 130 A83-16511
- An experimental study of supersonic jet shock-associated noise [AIAA PAPER 83-0708] p 307 A83-25924
- Aeroacoustics of supersonic porous plug-nozzle flows [AIAA PAPER 83-0775] p 411 A83-31325
- Profile losses during the release of air onto the surface of nozzle vanes p 418 A83-35590
- Three-dimensional compressible viscous analysis of mixer nozzles [AIAA PAPER 83-1401] p 422 A83-36391
- Theoretical and experimental investigations involving plane turbine cascades with sweep and dihedral — German thesis p 578 A83-41806
- A new ejector concept for V/STOL aircraft [AIAA PAPER 83-2514] p 745 A83-48358

## NUMERICAL ANALYSIS

- The basic aerodynamics of floatation p 764 A83-48679
- Pressures measured in flight on the aft fuselage and external nozzle of a twin-jet fighter [NASA-TP-2017] p 424 A83-25665
- A collection of papers in the aerospace sciences [AD-A122667] p 417 A83-26787
- Characteristics of a fluted nozzle gas ejector system — gas turbine exhaust gas cooling systems [AD-A128065] p 702 A83-34241
- NOZZLE GEOMETRY**
- Effect of excitation on coaxial jet noise p 237 A83-19811
- Screech suppression in supersonic jets p 237 A83-19814
- Edge tones in high-speed flows and their application to multiple-jet mixing p 482 A83-36077
- Definition of vectored nonaxisymmetric nozzle plumes — for aircraft thrust vector control [AIAA PAPER 83-1290] p 423 A83-36924
- Integrated flight and propulsion operating modes for advanced fighter engines [ASME PAPER 83-GT-194] p 742 A83-47999
- Subsonic/supersonic aeropropulsive characteristics of nonaxisymmetric nozzles installed on an F-18 model p 744 A83-48215
- Experiments on high bypass internal mixer nozzle jet noise [NASA-TM-83020] p 191 A83-16152
- Pressures measured in flight on the aft fuselage and external nozzle of a twin-jet fighter [NASA-TP-2017] p 424 A83-25665
- Effect of empennage location on twin-engine afterbody-nozzle aerodynamic characteristics at Mach Numbers from 0.6 to 1.2 — wind tunnel tests [NASA-TP-2116] p 424 A83-25666
- Parametric study of flame radiation characteristics of a tubular-can combustor [NASA-TM-83436] p 539 A83-29237
- Characteristics of a fluted nozzle gas ejector system — gas turbine exhaust gas cooling systems [AD-A128065] p 702 A83-34241
- NOZZLE INSERTS**
- Aeroacoustical characteristics of a mechanical noise suppressor in a nozzle configuration with a central tailcone p 222 A83-13590
- Investigation of unsteady temperature fields of nonaxisymmetric nozzle inserts p 764 A83-49667
- NOZZLE THRUST COEFFICIENTS**
- Experimental results of a deflected thrust V/STOL nozzle research program [AIAA PAPER 83-0170] p 579 A83-42100
- Aeropropulsive characteristics of twin single-expansion-ramp vectoring nozzles installed with forward-swept wings and canards — transonic tunnel tests [NASA-TP-2133] p 316 A83-22161
- Experimental results of a deflected thrust V/STOL nozzle research program [NASA-TM-83069] p 423 A83-25657
- NOZZLES**
- Effects of twin-vertical-tail parameters on twin-engine afterbody/nozzle aerodynamic characteristics — Langley 16-ft transonic tunnel tests [NASA-TP-2158] p 377 A83-24478
- NUCLEAR EXPLOSIONS**
- Electromagnetic test-facility characterization An identification approach [DE83-004274] p 360 A83-22498
- Calculation of wing response to gusts and blast waves with vortex lift effect [NASA-CR-170340] p 408 A83-24796
- NUCLEATION**
- Discussion of the short crack effect in airframe materials and components p 680 A83-34110
- NULL ZONES**
- Polarization null characteristics of simple targets [AD-A129303] p 765 A83-36312
- NUMERICAL ANALYSIS**
- A computational method for performing the multiblade coordinate transformation p 191 A83-16029
- Engineering safety analysis via destructive numerical experiments p 215 A83-16198
- Numerical grid generation, Proceedings of the Symposium on Numerical Generation of Curvilinear Coordinate Systems and Their Use in the Numerical Solution of Partial Differential Equations, Nashville, TN, April 13-16, 1982 p 568 A83-38776
- Patched coordinate systems — numerical body-fitted grid generation for surface boundary treatment of aerodynamic structures p 568 A83-38785
- A method for the numerical simulation of an aircraft undercarriage system p 176 A83-15295
- A critique of the Bell Helicopter Textron COBRA 2.75 inch rocket ballistic algorithm [AD-A123703] p 390 A83-24502

- Application of the vortex-lattice method to propeller performance analysis  
[AD-A124837] p 459 N83-26840
- Numerical simulation of vortex breakdown by the vortex-filament method  
[NASA-TM-84334] p 563 N83-29636
- Transactions of the Japan Society for Aeronautical and Space Sciences, Vol 25, No 68  
[ISSN-0549-3811] p 766 N83-36396

**NUMERICAL CONTROL**

- Simulated mission endurance control system  
p 54 A83-10751
- Digital engine control for V/STOL and V/TOL aircraft  
p 40 A83-10871
- An experiment in assessment of flight control software development techniques  
p 71 A83-11177
- Integrated and transferable hardware/software checkout --- of digitally controlled flight systems  
p 71 A83-11249
- Implementation of the DAST ARW II control laws using an 8086 microprocessor and an 8087 floating-point coprocessor --- drones for aeroelasticity research  
p 71 A83-11910
- Qualification of the flight-critical AFTI/F-16 digital flight control system --- Advanced Fighter Technology Integration  
[AIAA PAPER 83-0060] p 167 A83-16492
- The McDonnell Aircraft environmental test laboratory  
p 172 A83-16931
- Design of error-actuated controllers for multivariable plants with unknown dynamics and unmeasurable outputs --- for automatic control of industrial processes and gas turbine engines  
p 163 A83-19385
- Digital engine control unit - Future employment possibilities  
[DGLR PAPER 82-085] p 275 A83-24197
- A hybrid facility for the simulation, development, and validation of ECS microprocessor based controls  
[SAE PAPER 820867] p 289 A83-25766
- Aircraft vehicle equipment improvements via microprocessors  
[SAE PAPER 820868] p 263 A83-25767
- Self-tuning fly-by-wire control system  
p 287 A83-26603
- Test demonstration of digital control of wing/store flutter  
p 383 A83-30163
- Higher harmonic control for the jet smooth ride  
p 396 A83-33096
- Microprocessor-based optimal controllers for a helicopter turret control system  
p 434 A83-35138
- Computer model of a collision-avoidance system for air traffic control  
p 431 A83-35275
- Comparison of an experience with full authority digital engine controls in rotary wing and jet-lift VSTOL aircraft  
[AIAA PAPER 83-1241] p 454 A83-36304
- Integrated control techniques  
p 567 A83-37102
- Microprocessor controlled optimal helicopter turret control system  
p 516 A83-37148
- Full Authority Fault Tolerant Electronic Engine Control systems for advanced high performance engines (FAFTEEC)  
[SAE PAPER 821398] p 532 A83-37972
- Validation of the KC-10 refueling boom digital control system  
[SAE PAPER 821421] p 517 A83-37978
- Interactive reductions in the number of states in Markov reliability analysis  
[AIAA PAPER 83-2304] p 650 A83-41761
- Sensitivity of digital flight control design to parameter estimation error  
[AIAA PAPER 83-2089] p 624 A83-41921
- A ground control system for UMA --- unmanned aircraft  
p 592 A83-43713
- Phoenix GCS - Some considerations which influence the design of computer assisted ground control stations for RPV  
p 592 A83-43714
- Integrated flight/propulsion control system architectures for high speed aircraft  
[AIAA PAPER 83-2563] p 746 A83-49595
- Army/NASA small turboshaft engine digital controls research program  
[NASA-TM-82979] p 44 A83-11128
- Digital flight control system design using singular perturbation methods  
[AD-A118117] p 53 N83-11143
- Full-authority fault-tolerant electronic engine control system for variable cycle engines  
[AD-A121746] p 359 N83-21357
- Airstart performance of a digital electronic engine control system in an F-15 airplane  
[NASA-TM-84908] p 339 N83-22203
- NUMERICAL FLOW VISUALIZATION**
- Numerical simulation of wing-fuselage interference  
p 177 A83-13129

- Numerical simulation of wing-fuselage aerodynamic interaction  
[AIAA PAPER 83-0225] p 132 A83-16595
- An implicit lambda scheme --- for transonic inviscid flow simulation  
p 660 A83-45581
- Numerical aerodynamics - Replacement of analytical solutions and/or the experiment by the supercomputer?  
p 661 A83-46485
- Acta Aeronautica et Astronautica Sinica  
[AD-A117465] p 3 N83-10003
- Numerical calculation of lift, moment coefficient and dynamic stability derivative on sideslipping wings in unsteady supersonic flows  
p 9 N83-10005
- Numerical simulation of inviscid compressible flow through two-dimensional cascade by finite area method [NAL-TR-709] p 217 N83-12348
- NUMERICAL INTEGRATION**
- Sinusoidal integration for simulation of second-order systems  
[AIAA PAPER 83-1086] p 480 A83-36210
- NUMERICAL STABILITY**
- Relaxation computation of transonic flows around wings with blunt leading-edge and discussion on its stability and convergence  
p 178 A83-15543
- Treatment of late time instabilities in finite-difference EMP scattering codes  
p 180 A83-17532
- NUMERICAL WEATHER FORECASTING**
- Short-range prediction of mesoscale windfields  
p 409 A83-30567

**O****O RING SEALS**

- Finite-length solutions for rotodynamic coefficients of turbulent annular seals  
[ASME PAPER 82-LUB-42] p 212 A83-13521
- Design analysis of a self-acting spiral-groove ring seal for counter-rotating shafts --- o ring seals  
[AIAA PAPER 83-1134] p 474 A83-36239
- Design analysis of a self-acting spiral-groove ring seal for counter-rotating shafts --- o ring seals  
[NASA-TM-83346] p 393 N83-23306
- OBLIQUE SHOCK WAVES**
- Experimental investigation of a two-dimensional shock-turbulent boundary layer interaction with bleed  
[NASA-TM-83057] p 339 N83-22200
- OBLIQUE WINGS**
- Unique flight characteristics of the AD-1 oblique-wing research airplane  
p 386 A83-32588
- OBLIQUENESS**
- The influence of helicopter operating conditions on rotor noise characteristics and measurement repeatability  
[AD-A121428] p 310 N83-20707
- OBSERVABILITY (SYSTEMS)**
- Observers as noise filters in an automatic aircraft landing system  
p 285 A83-24434
- Estimation enhancement by trajectory modulation for homing missiles  
p 511 A83-37135
- An observer approach to the identification and isolation of sensor failures in flight control systems  
[ESA-TT-738] p 546 N83-28001
- OBSTACLE AVOIDANCE**
- TF/TA by means of integrated FLIR and radar sensors --- terrain following-terrain avoidance displays using forward looking infrared imagery  
p 36 A83-11240
- Advanced automatic terrain following/terrain avoidance control concepts study  
p 47 A83-11254
- Applications of autopath technology to terrain/obstacle avoidance  
p 23 A83-11255
- OCCUSION**
- Traumatic occlusion of the vertebral artery caused by neck rotation  
[AD-A126922] p 606 N83-30409
- OCEAN CURRENTS**
- An evaluation of SARP (search and rescue planning system) drift predictions using satellite-tracked drift-buoys  
[AD-A127987] p 589 N83-31588
- OCEAN SURFACE**
- NAVSTAR-GPS at sea  
p 323 A83-28207
- Simulation of a weather radar display for over-water airborne radar approaches  
[NASA-TM-84315] p 311 N83-22091
- OCEANOGRAPHY**
- Airborne dual laser excitation and mapping of phytoplankton photopigments in a Gulf Stream Warm Core Ring  
p 648 A83-42210
- A plan for optical oceanography R&D to support MC&G  
[AD-A126215] p 567 N83-29955
- OCEANS**
- USSR report. Transportation, no 98  
[JPRS-82053] p 176 N83-13060

- Oceanic Area System Improvement Study (OASIS) Volume 1 Executive summary and improvement alternatives development and analysis  
[FAA-EM-81-17-VOL-1] p 200 N83-16314
- OCTANE NUMBER**
- Aviation gasoline - Issues and answers  
[SAE PAPER 830705] p 634 A83-43316
- OCULOMETERS**
- Development of an oculometer data collection subsystem  
[AD-A124700] p 481 N83-26501
- OFF-ON CONTROL**
- EASY5 balanced load simulation of a bang-bang voltage regulator controlled synchronous generator --- of rotor aircraft  
p 40 A83-11203
- Design of error-actuated controllers for multivariable plants with unknown dynamics and unmeasurable outputs --- for automatic control of industrial processes and gas turbine engines  
p 163 A83-19385
- OFFSHORE ENERGY SOURCES**
- An efficient fully implicit simulator  
[CSS-126] p 176 N83-15322
- OFFSHORE PLATFORMS**
- A concept for reducing helicopter IFR landing weather minimums - Offshore  
p 24 A83-12099
- OGIVES**
- Computation of aerodynamic forces on bodies with non-circular cross-section in supersonic viscous flow  
[AIAA PAPER 83-2077] p 660 A83-45519
- OH-58 HELICOPTER**
- A tubular braided composite main rotor blade spar  
p 435 A83-35949
- Lubricant effects on efficiency of a helicopter transmission  
p 185 N83-15523
- Fuel conservation evaluation of U S (United States) Army helicopters Part 4 OH-58C flight testing  
[AD-A127422] p 637 N83-30673
- OIL EXPLORATION**
- Offshore helicopter operations - Gulf of Mexico  
[SAE PAPER 821366] p 507 A83-37960
- OIL FIELDS**
- An efficient fully implicit simulator  
[CSS-126] p 176 N83-15322
- OMEGA NAVIGATION SYSTEM**
- Accuracy and availability of various modern navigation procedures  
p 25 A83-13013
- A Differential Omega/VLF Navigator  
p 254 A83-24856
- Experiments of Omega for aviation  
p 255 A83-24862
- Observations of the Omega position fix accuracy in southern Germany  
p 256 A83-24875
- Omega application in the Indonesian region  
p 431 A83-35599
- Navigation for balloon payloads - Recent experience with OMEGA in the US and a new slant range system  
p 514 A83-39814
- Use of commercial Omega/VLF in naval aviation  
p 671 A83-46953
- Minimizing pilot work load in an advanced development, low-cost Omega/VLF/RNAV system  
p 671 A83-46954
- Coping with impulse interference in an advanced development, low-cost Omega/VLF/RNAV system  
p 672 A83-46957
- OMNIDIRECTIONAL ANTENNAS**
- A rapid-tuning high-power pod-mounted VHF antenna system  
p 430 A83-35088
- TCAS 2  
[DV-10496] p 145 N83-14091
- Summary of the FAA's future navigation system mix evaluation, through May 1982  
[AD-A119314] p 146 N83-14099
- ON-LINE SYSTEMS**
- On-line certification for ATE systems  
p 1 A83-10785
- ONBOARD DATA PROCESSING**
- Application of pulse code modulation technology to aircraft dynamics data acquisition  
p 29 A83-10182
- Marconi avionics standard central air data computer  
p 34 A83-11119
- Description and planned use of a data distribution evaluation system for fiber optic data buses  
p 21 A83-11183
- Distributed processing and fiber optic communications in air data measurement  
p 36 A83-11258
- Real-time infrared image processing --- onboard aircraft  
p 37 A83-11459
- Automation of on-board flightpath management  
p 215 A83-21002
- New on board equipments /PMS, FMS/ and the ATC system - Evolution or revolution  
p 269 A83-24859
- Modern technology and airborne engine vibration monitoring systems  
[AIAA PAPER 83-1240] p 444 A83-36303



Flight management computers (FMS)  
p 618 A83-40881

Digital Instrumentation Analysis and Navigation System (DIANS) for system identification  
[AIAA PAPER 83-2091] p 609 A83-41922

Flight clearance of the Jaguar-fly-by-wire aircraft, II  
p 687 A83-45846

Certification of digital systems for civil aircraft  
p 671 A83-45848

An on-board near-optimal climb-dash energy management  
[NASA-CR-169755] p 205 N83-16329

**ONBOARD EQUIPMENT**  
On-board instrumentation for test vehicles with varying roll rates  
[AIAA PAPER 83-0570] p 158 A83-16797

The development of a central electrical generating system for transport vehicles  
p 300 A83-26885

The missing element in wind shear protection  
[SAE PAPER 830715] p 627 A83-43325

**ONE DIMENSIONAL FLOW**  
A one-dimensional unsteady model of dual mode scramjet operation  
[AIAA PAPER 83-0422] p 161 A83-16705

Finite-element mathematical model of a gas turbine engine in unsteady flow  
p 531 A83-37252

The one-dimensional analysis of fin assembly heat transfer  
p 643 A83-43385

Propulsion and energetics panel working group 14 on suitable averaging techniques in nonuniform internal flows  
[AGARD-AR-182(ENG)] p 748 N83-34953

**OPACITY**  
Computer tomography of flows external to test models  
[NASA-CR-169521] p 221 N83-13835

**OPENINGS**  
Generalization of the results of calculations of the stressed state of structures with cutouts --- such as wing and fuselage combinations  
p 556 A83-37268

**OPERATING COSTS**  
The Fokker F28 and a four-engined newcomer  
p 204 A83-21349

Will technology make the helicopter competitive  
p 204 A83-21574

The consideration of operational aspects for utility-/commuter aircraft, taking into account the example of the Dornier 228  
[DGLR PAPER 82-047] p 247 A83-24171

Jet engines for airliners of the next generation  
[DGLR PAPER 82-069] p 274 A83-24183

Cost effective performance restoration of high by-pass engines  
p 447 A83-35833

Aspects of the T56 power section usage/operating costs  
[AIAA PAPER 83-1408] p 457 A83-36397

Flight management systems - What are they and why are they being developed?  
[AIAA PAPER 83-2235] p 621 A83-41712

Weight reduction for fuel economy  
[SAWE PAPER 1469] p 602 A83-43743

Reengineering the key to aircraft renewal  
[AIAA PAPER 83-1372] p 675 A83-45514

Oceanic Area System Improvement Study (OASIS) Volume 7 North Atlantic region flight cost model results  
[FAA-EM-81-17-VOL-7] p 201 N83-16319

Oceanic Area System Improvement Study (OASIS) Volume 8 Central East Pacific region flight cost model results  
[FAA-EM-81-17-VOL-8] p 201 N83-16320

Oceanic Area System Improvement Study (OASIS) Volume 9 Flight cost model description  
[FAA-EM-81-17-VOL-9] p 201 N83-16321

A reappraisal of transport aircraft needs 1985 - 2000  
Perceptions of airline management in a changing economic, regulatory, and technological environment  
[NASA-CR-165887] p 249 N83-18701

Overview of United States program for modernizing air traffic control and airway facilities  
p 325 N83-22184

Economic effects of noise abatement regulations on the helicopter industry  
[AD-A127331] p 576 N83-30356

**OPERATING SYSTEMS (COMPUTERS)**  
The TOPSY guide Transient tunnel operating, data acquisition and processing system User's and programmer's guides  
[OUEL-1462/83] p 632 N83-31610

**OPERATING TEMPERATURE**  
Military propulsion technology III - Materials are the key --- for fighter aircraft engines  
p 177 A83-18950

Experimental study of the thermal stability of hydrocarbon fuels  
[NASA-CR-168027] p 228 N83-17728

Method of studying the operating temperature of gas turbines --- aeroengines  
[PNR-90159] p 460 N83-26842

**OPERATIONAL HAZARDS**

A systematic characterization of the effects of atmospheric electricity on the operational conditions of aircraft  
[ONERA, TP NO 1983-59] p 719 A83-48180

**OPERATIONAL PROBLEMS**

Head up display operational problems  
p 197 A83-16135

Current problems in the testing of aircraft engines  
p 211 A83-22652

Helicopter technology benefits and needs Volume 1 Summary  
[NASA-CR-166469-VOL-1] p 368 N83-23240

Helicopter technology benefits and needs Volume 2 Appendices  
[NASA-CR-166470-VOL-2] p 369 N83-23241

Operational and maintenance aspects of the introduction of an advanced fighter type  
p 491 N83-29250

**OPTICAL COMMUNICATION**

Description and planned use of a data distribution evaluation system for fiber optic data buses  
p 21 A83-11183

Distributed processing and fiber optic communications in air data measurement  
p 36 A83-11258

USAF ground fiber optic development program  
p 228 A83-19711

An overview of airborne optical communications  
p 592 A83-42574

Lasers and avionic integration  
p 642 A83-42836

Wide-beam atmospheric optical communication for aircraft application using semiconductor diodes  
p 669 A83-44159

Airborne Flight Test System (AFTS)  
[AD-A115100] p 66 N83 10330

**OPTICAL DATA PROCESSING**

Electro-optical processor for optimal control  
p 298 A83-23596

Lasers and avionic integration  
p 642 A83-42836

Optical data processing for aerospace applications  
p 768 A83-47657

**OPTICAL DENSITY**

An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 1 Smoke  
[PB83-113522] p 251 N83-19727

**OPTICAL EQUIPMENT**

Helmet mounted display feasibility model Optical design  
[AD-A119191] p 159 N83-14124

A plan for optical oceanography R&D to support MC&G  
[AD-A126215] p 567 N83-29955

Optical techniques for airborne displays  
p 611 N83-30425

**OPTICAL MEASUREMENT**

Optical methods of flow diagnostics in turbomachinery  
p 62 A83-11076

Surface finish measurement studies  
p 292 N83-18765

Model deformation system  
p 292 N83-18767

A study of wavelength division multiplexing for avionics applications  
[AD-A125749] p 530 N83-27990

Modern Display Technologies for Airborne Applications  
[AD-A129876] p 610 N83-30414

**OPTICAL MEASURING INSTRUMENTS**

Optical sensor for measurement of position and deformations of models in wind tunnel  
p 64 A83-12347

Model attitude and deformation measurement in wind tunnel  
[ONERA, TP NO 1982-91] p 181 A83-18428

Fiber optics for aircraft engine/inlet control  
p 211 A83-22494

Lasers in aircraft construction --- Russian book  
p 472 A83-34170

Improvement of a captive trajectory system by using optical distance sensors --- store separation from aircraft  
[ONERA, TP NO 1983-115] p 753 A83-49426

Analysis, design, fabrication and testing of an optical tip clearance sensor --- turbocompressor blade tips  
[NASA-CR-165265] p 44 N83-11127

Introduction to optical rate sensors  
p 735 N83-34895

Low cost fluidic sensors  
p 735 N83-34897

**OPTICAL MEMORY (DATA STORAGE)**

Lasers and avionic integration  
p 642 A83-42836

**OPTICAL PATHS**

Analysis of aero-optic interface phenomena  
p 190 A83-22588

**OPTICAL PROPERTIES**

Measurements of self-excited rotor blade vibrations using optical displacements  
[NASA-TM-82953] p 183 N83-14523

**OPTICAL RADAR**

Multifunction CO2 NOE sensor - A status report --- Nap-Of-the-Earth  
p 35 A83-11147

Multifunction CO2 laser radar technology  
p 208 A83-22502

Adaptive detection of targets in laser speckle noise  
p 208 A83-22521

Lidar system for visibility monitoring  
p 406 A83-32449

Airborne dual laser excitation and mapping of phytoplankton photopigments in a Gulf Stream Warm Core Ring  
p 648 A83-42210

Neodymium YAG laser in airborne systems  
p 609 A83-42835

Lidar remote-sensing - Fluorescence and differential reflectance experiments  
p 704 A83-45420

Coherent CO2 lidar systems for remote atmospheric measurements  
p 760 A83-47808

NASA airborne Doppler lidar program Data characteristics of 1981  
[NASA-CR-170667] p 220 N83-13706

Differential absorption LIDAR technology for light twin-engine aircraft operation  
[DE83-003888] p 410 N83-25232

**OPTICAL WAVEGUIDES**

Fiber optics for electro-magnetic pulse (EMP) simulators  
p 218 A83-22495

**OPTIMAL CONTROL**

Estimation of aircraft fuel consumption  
p 29 A83-10186

An analytical pilot rating method for highly elastic aircraft  
p 203 A83-14843

Optimization of variable-altitude flyback maneuvers --- for rocket propelled lifting vehicles  
[AIAA PAPER 83-0282] p 149 A83-16627

Piloting techniques on the backside --- of drag curve  
p 169 A83-16927

The application of sub-optimal control methods to adaptive antennas for airborne communication systems  
p 143 A83-18632

An optimal control approach to the design of moving flight simulators  
p 218 A83-19949

Extended perfect model following --- control system synthesis technique  
p 235 A83-20289

A mathematical model for a turboshaft gas-turbine engine with an optimum control program for high-level computer-aided design  
p 273 A83-23436

Electro-optical processor for optimal control  
p 298 A83-23596

Altitude transitions in energy climbs  
p 287 A83-26604

On the synthesis of the optimal control of a certain hydromagnetic process --- with applications in flight vehicle and temperature control  
p 363 A83-29285

Certain aspects of the optimum design of hydrodynamic lifting complexes  
p 375 A83-33002

Aerodynamic optimization theory of A 3-D axial-flow rotor-blading via optimal control  
p 418 A83-35839

Some aspects of development of power plant optimum control to increase aircraft fuel efficiency  
p 447 A83-35841

Old problem/new solutions - Motion cueing algorithms revisited  
[AIAA PAPER 83-1082] p 480 A83-36223

Interactive fine-tuning of linear-quadratic governors by selective and direct action on the poles of the control system  
[ONERA, TP NO 1983-21] p 480 A83-36430

Microprocessor controlled optimal helicopter turret control system  
p 516 A83-37148

The effects of non-linear kinematics in optimal evasion  
p 650 A83-40674

A new approach to exact model-matching with applications to aircraft systems  
p 650 A83-41477

Use of mixed performance criteria in gas turbine engine controller design  
p 612 A83-41482

Application of optimal control theory to aircraft gust load alleviation  
p 619 A83-41484

Integrated task-tailored control augmentation synthesis --- for multi-axis air-to-air tracking  
[AIAA PAPER 83-2215] p 620 A83-41697

Robustness of a decoupled multivariable digital flight control system  
[AIAA PAPER 83-2272] p 622 A83-41738

Tradeoff studies in multiobjective insensitive design of airplane control systems  
[AIAA PAPER 83-2273] p 622 A83-41739

An optimal control approach to pilot/vehicle analysis and the Neal-Smith criteria  
p 687 A83-45462

Commercial aircraft with reduced longitudinal stability and active tail planes, and the unsteady aerodynamics of rapidly adjusted control surfaces  
p 750 A83-47213

Optimal controller design for a helicopter using its lower order dynamic model  
[AIAA PAPER 83-2550] p 750 A83-48371

- Application of optimal control synthesis to integrated vertical flight path and airspeed control for an advanced fighter  
[AIAA PAPER 83-2560] p 751 A83-49594
- Prediction of aircraft handling qualities using analytical models of the human pilot p 52 N83-10079
- An optimal control model approach to the design of compensators for simulator delay  
[NASA-CR-3604] p 32 N83-11113
- Nonlinear observers for estimation of the state variables of an aircraft lateral motion  
[TUBS/FB-81-11-01] p 206 N83-13120
- An on-board near-optimal climb-dash energy management  
[NASA-CR-169755] p 205 N83-16329
- Optimal feedback strategies for pursuit-evasion and interception in a plane  
[NASA-TM-84311] p 288 N83-18745
- Advances in Guidance and Control Systems  
[AD-A125687] p 311 N83-22093
- Computer programs for generation and evaluation of near-optimum vertical flight profiles  
[NASA-CR-3688] p 389 N83-24500
- Investigation of a third order baro-damped vehicle channel of INS  
[AD-A124882] p 432 N83-26828
- The modern concept of acceleration control  
Introduction to optimal command in a handling by objective structure p 543 N83-29267
- Design, implementation and flight testing of PIF autopilots for general aviation aircraft  
[NASA-CR-3709] p 547 N83-29270
- OPTIMIZATION**
- Optimal adaption of the aircraft propeller p 7 A83-10580
- Optimization of aircraft structures p 64 A83-11857
- Fail-safe optimal design of complex structures with substructures p 212 A83-13490
- Aerodynamic optimization, comparison, and trim design of canard and conventional high performance general aviation configurations  
[AIAA PAPER 83-0058] p 148 A83-16490
- SAMID, an interactive system for the analysis and constrained minimization of induced drag of aircraft configurations  
[AIAA PAPER 83-0095] p 149 A83-16519
- Design of optimum propellers  
[AIAA PAPER 83-0190] p 132 A83-16578
- Application of optimization to aircraft engine disk synthesis p 162 A83-18213
- On the choice of the optimal total wedge angle for the air intake of a hypersonic ramjet engine p 212 A83-22656
- Pre-planned product improvement /P3I/ the T84-GE-418 derivative engine p 276 A83-24826
- Constrained optimization of monopulse circular aperture distribution in the presence of blockage p 259 A83-26835
- Structural tailoring of engine blades (STAEEL)  
[AIAA 83-0828] p 338 A83-29737
- Structural optimization by multilevel decomposition  
[AIAA 83-0832] p 355 A83-29741
- Structural optimization with dynamic behavior constraints  
[AIAA 83-0936] p 355 A83-29768
- An optimality criterion method for structures with stress, displacement and frequency constraints  
[AIAA 83-0939] p 356 A83-29769
- Application of multiple objective optimization techniques to finite element model tuning — for flutter analysis of T-38 aircraft horizontal stabilizer  
[AIAA 83-1010] p 356 A83-29798
- Aeroelastic tailoring of rotor blades for vibration reduction in forward flight  
[AIAA 83-0916] p 329 A83-29844
- The problem of an optimum wing of constant seaworthiness p 375 A83-33003
- Optimization for structures of discrete-size elements p 472 A83-34311
- Criteria for optimizing starting cycles for high performance fighter engines  
[AIAA PAPER 83-1127] p 450 A83-36236
- A comparison of minimizing strategies for maximum likelihood identification — stability and control derivatives of wide body aircraft p 567 A83-37085
- Optimal mass distribution between the stages of a two-stage aircraft for maximization of the flight cruise range p 518 A83-37267
- Distribution of the load-carrying material in a minimum-weight wing in the case of constraints on strength and load-carrying capacity p 556 A83-37513
- Decomposition method for minimizing the weight of the load-carrying structure of a swept wing with allowance for the conditions of static strength and prescribed aileron efficiency p 556 A83-37514

- Smart aerodynamic optimization  
[AIAA PAPER 83-1863] p 501 A83-38690
- Improved method for transonic airfoil design-by-optimization  
[AIAA PAPER 83-1864] p 501 A83-38691
- Aeroelastic optimization of orthotropic rectangular flat panels p 639 A83-40675
- Parametric study of critical constraints for a canard configured medium range transport using conceptual design optimization  
[AIAA PAPER 83-2141] p 598 A83-41963
- Finite element model tuning via multiple objective optimization techniques p 641 A83-42542
- Vector optimization applied to survivability methodology evaluation — for aircraft design p 651 A83-42568
- Optimal design of the blading of axial turbines — Russian book p 694 A83-43924
- Design Optimization Codes for Structures - DOCS computer program p 694 A83-43974
- Optimization of waverider configurations generated from axisymmetric conical flows p 715 A83-48134
- Light aircraft wing structure optimization  
[AIAA PAPER 83-2446] p 727 A83-48332
- Aircraft synthesis using numerical optimization methodology  
[AIAA PAPER 83-2458] p 768 A83-48336
- Von Mises wing optimization  
[AIAA PAPER 83-2558] p 729 A83-48377
- Structural optimization with aeroelastic constraints - A survey of US applications p 764 A83-49188
- Conceptual design of transport aircraft p 731 A83-49475
- Enhanced TCAS 2 p 145 N83-14088
- Software optimization for array processors An AP-120B Kalman filter  
[AD-A119221] p 189 N83-14973
- Optimal short-range trajectories for helicopters  
[NASA-TM-84303] p 187 N83-17451
- Further advances in helicopter vibration control p 334 A83-22477
- Structural model tuning via vector optimization  
[AD-A124791] p 477 N83-26103
- Optimal passive frequency response control of helicopters by added structures p 526 N83-27976
- Automated design of damage resistant structures Volume 1 Theory and application  
[AD-A125731] p 527 N83-27982
- Composite hybrid flywheel rotor design optimization and fabrication p 553 N83-28620
- Mechanical and thermal effects on the transient and steady state component performance of gas turbines p 541 N83-29252
- CAD of control systems Application of nonlinear programming to a linear quadratic formulation  
[NASA-CR-172151] p 562 N83-29448
- Propagation prediction usage in automated frequency assignments based on cosine and remote system spectrum sharing p 645 N83-30905
- Force method optimization II Volume 2 User's manual  
[AD-A128235] p 652 N83-32387
- Development of a multilevel optimization approach to the design of modern engineering systems  
[NASA-CR-172184] p 678 N83-32796
- Short takeoff performance using a gravity assist ski jump  
[AD-A126456] p 679 N83-33879
- ORBIT CALCULATION**
- Orbit prediction for IRAS using vector and analytic techniques — Infra-Red Astronomical Satellite  
[IAF PAPER 83-315] p 755 A83-47338
- ORBITAL MECHANICS**
- Orbit prediction for IRAS using vector and analytic techniques — Infra-Red Astronomical Satellite  
[IAF PAPER 83-315] p 755 A83-47338
- ORIFICE FLOW**
- Experimental investigation of fuel distribution in a transverse stream  
[ASME PAPER 83-GT-207] p 743 A83-48008
- ORTHOTROPIC PLATES**
- Flutter of orthotropic panels in supersonic flow using affine transformations p 228 A83-19821
- Aeroelastic optimization of orthotropic rectangular flat panels p 639 A83-40675
- Overall buckling of specially orthotropic Z-stiffened panels Part 1 Theory  
[VTH-LR-351-PT-1] p 69 N83-11526
- OSCILLATING FLOW**
- A half-wing near a wall at high angles of attack in a pulsed flow  
[AAAF PAPER NT 81-12] p 8 A83-11773
- An oscillating ng for the generation of sinusoidal flows p 58 A83-12008
- Vibration of airfoils in sinusoidal oblique gust  
[AIAA PAPER 83-0005] p 129 A83-16457

- A wind tunnel for unsteady turbulent shear flows - Design and flow calculation p 218 A83-19664
- The response of a multistage compressor to an azimuthal distortion p 281 A83-26923
- Instantaneous turbulence profiles in the wake of an oscillating airfoil p 312 A83-28951
- Numerical solutions for unsteady aerodynamics using internal singularity distributions p 313 A83-29971
- Calculation of fundamental aerodynamic derivatives of aircraft II p 373 A83-30516
- Prediction of boundary-layer characteristics of an oscillating airfoil p 660 A83-46435
- A turbulent flow Navier-Stokes analysis for an airfoil oscillating in pitch p 660 A83-46437
- The effect of a leading-edge slat on the dynamic stall of an oscillating airfoil  
[AIAA PAPER 83-2533] p 716 A83-48368
- Finite difference calculation of an inviscid transonic flow over oscillating airfoils  
[AD-A123982] p 426 N83-25677
- OSCILLATION DAMPERS**
- An in-flight investigation of pilot-induced oscillation suppression filters during the fighter approach and landing task  
[NASA-CR-163116] p 204 N83-13110
- OSCILLATIONS**
- An application of parameter identification to the oscillatory motion of an airplane at high CL  
[AIAA PAPER 83-2067] p 623 A83-41905
- An example of longitudinal and transversal oscillation coupling The Epsilon aircraft cork screw p 51 N83-10074
- Experience with System Identification From Tracking (SIFT) flight-test-techniques at the German Air Force Flight Test Center p 51 N83-10078
- Finite difference calculation of an inviscid transonic flow over oscillating airfoils  
[RAE-TRANS-2087] p 191 N83-16292
- A laboratory method for the analysis of helicopter underslung load oscillations  
[BU-273] p 192 N83-16303
- Analysis of oscillatory motion of a light airplane at high values of lift coefficient  
[NASA-TM-84563] p 216 N83-17550
- Calculation of boundary layers near the stagnation point of an oscillating airfoil  
[NASA-TM-84305] p 478 N83-27148
- Flow visualization of the wake of a transport aircraft model with lateral-control oscillations  
[NASA-TM-84623] p 491 N83-27951
- OUTLET FLOW**
- The response of a compressor to a periodic pressure variation in the output region  
[ONERA, TP NO 1983-29] p 683 A83-44308
- Effect of relative velocity distribution on efficiency and exit flow of centrifugal impellers  
[ASME PAPER 83-GT-74] p 760 A83-47927
- OXIDATION**
- Turbine engine materials durability research p 202 N83-12163
- OXYGEN**
- Effect of oxygen addition on ignition of aero-gas turbine at simulated altitude facility p 39 A83-10660
- OXYGEN SUPPLY EQUIPMENT**
- Transfiling and maintenance of oxygen cylinders  
[SAE AIR 1059A] p 547 A83-38103
- OZONE**
- An operational hygiene study for ozone in the cabin of the Canadian Forces (CC137) Boeing 707 aircraft  
[AD-A121749] p 332 N83-20937
- High altitude jet fuel photochemistry  
[AD-A125035] p 471 N83-27035
- OZONOMETRY**
- Laboratory evaluation of an airborne ozone instrument that compensates for altitude/sensitivity effects p 681 A83-45618

## P

## P-3 AIRCRAFT

- Advanced P-3 flight station studies p 195 A83-15429
- Re-engining studies on the P-3 aircraft  
[SAE PAPER 821445] p 519 A83-37993
- PACIFIC OCEAN**
- Oceanic Area System Improvement Study (OASIS) Volume 3 Central East Pacific region air traffic services system description  
[FAA-EM-81-17-VOL-3] p 201 N83-16316
- Oceanic Area System Improvement Study (OASIS) Volume 5 North Atlantic, Central East Pacific, and Caribbean regions communication systems description  
[FAA-EM-81-17-VOL-5] p 201 N83-16318

## SUBJECT INDEX

- Oceanic Area System Improvement Study (OASIS)  
Volume 8 Central East Pacific region flight cost model results  
[FAA-EM-81-17-VOL-8] p 201 N83-16320
- Oceanic Area System Improvement Study (OASIS)  
Volume 9 Flight cost model description  
[FAA-EM-81-17-VOL-9] p 201 N83-16321
- Oceanic Area System Improvement Study (OASIS)  
Volume 10 North Atlantic, Central East Pacific, and Caribbean regions aviation traffic forecasts  
[FAA-EM-81-17-VOL-10] p 201 N83-16322
- PACKET SWITCHING**  
The design of a packet switched network for aeronautical data interchange p 185 N83-14862
- PACKINGS (SEALS)**  
Powder pack protection for aircraft dry bays p 585 A83-42558
- PAD**  
Application of dynamic gas bearings to cryogenic compressors and turbines p 185 N83-15540
- PADDLES**  
Study of a hypetrochoidal compressor with paddles --- French thesis p 354 N83-11054
- PADE APPROXIMATION**  
State-space aeroelastic modeling and its application in flutter calculation p 300 A83-26761
- PAINTS**  
Improved chromatic acid anodize seal for optimum paint adhesion  
[SAE PAPER 820603] p 696 A83-45864  
The general assembly and painting of the Yier - 86 passenger plane p 32 N83-11054  
Damage of RFC surface layers by electrostatic charging p 649 N83-31169
- PALMGREN-MINER RULE**  
The comparison of the results of service-spectrum tests with the help of the relative Miner rule --- fatigue life analysis of aircraft structures p 559 A83-40471
- PANEL FLUTTER**  
Flutter of orthotropic panels in supersonic flow using affine transformations p 228 A83-19821  
The effect of a normal shock on the aeroelastic stability of a panel  
[ASME PAPER 83-APM-28] p 493 A83-37381
- PANEL METHOD (FLUID DYNAMICS)**  
Large-scale vortex-lattice model for the locally separated flow over wings p 177 A83-13127  
Subsonic surface panel method for airframe analysis and wing design  
[AIAA PAPER 83-0341] p 133 A83-16667  
Numerical calculations of nonlinear aerodynamics of wing-body configurations p 189 A83-21022  
Evaluation of a surface panel method coupled with several boundary layer analyses  
[AIAA PAPER 83-0011] p 474 A83-36039  
Numerical calculation of nonlinear aerodynamics of wing-body configurations p 420 A83-36076  
PAN AIR applications to aero-propulsion integration  
[AIAA PAPER 83-1368] p 421 A83-36364  
PAN AIR Pilot Code application to subsonic nacelle type interior flows  
[AIAA PAPER 83-1369] p 421 A83-36365  
Use of the panel method to calculate the distributed aerodynamic characteristics of a wing with pylon and nacelle at low speeds p 493 A83-37520  
Analysis of complex inlet configurations using a higher-order panel method  
[AIAA PAPER 83-1828] p 498 A83-38659  
PAN AIR modeling studies --- higher order panel method for aircraft design  
[AIAA PAPER 83-1830] p 498 A83-38660  
Computation of transonic flow field over Wing-Body-Pylon-Store combinations  
[AIAA PAPER 83-1852] p 500 A83-38680  
Application of the panel method to airships  
[AIAA PAPER 83-1978] p 502 A83-38909  
Wall Interference in Wind Tunnels  
[AD-A124122] p 347 N83-20957  
The use of panel methods for the evaluation of subsonic wall interference p 347 N83-20959  
A continuous vorticity panel method for the prediction of steady aerodynamic loads on lifting surfaces p 505 N83-29172  
Subsonic panel method for designing wing surfaces from pressure distribution  
[NASA-CR-3713] p 528 N83-29198  
The FFA wing body 83 computer program A panel method for determination of aeroelastic characteristics at subsonic and supersonic speeds  
[FFA-TN-1983-3] p 665 N83-32780
- PANELS**  
A sensible approach to process control of adhesive bonding p 185 A83-20432  
The effect of acoustic thermal environments on advanced composite fuselage panels  
[AIAA 83-0955] p 357 A83-29857

- Acoustic fatigue test evaluation of adhesively bonded aluminum fuselage panels using FM 73/BR 127 adhesive/primer system  
[AIAA 83-0999] p 358 A83-29874
- Nonlinear supersonic flutter of panels considering shear deformation and rotary inertia p 473 A83-34315
- Advanced lightweight, fire retardant floor paneling for aircraft  
[AIAA PAPER 83-2442] p 726 A83-48330  
Flightweight radiantly and actively cooled panel Thermal and structural performance  
[NASA-TP-2074] p 68 N83-11513  
A new measurement method for separating airborne and structureborne noise radiated by aircraft type panels  
[NASA-TP 2079] p 73 N83-11838  
Development of lightweight, fire retardant, low smoke, thermally stable, high strength floor paneling Passenger floor panels  
[NASA-CR-167770] p 212 N83-13174  
Study of the damping characteristics of general aviation aircraft panels and development of computer programs to calculate the effectiveness of interior noise control treatment, part 1  
[NASA-CR-169534] p 190 N83-15043  
The fatigue crack growth under variable amplitude loading in built-up structures  
[AD-A119764] p 187 N83-15676  
Development of aircraft lavatory compartments with improved fire resistance characteristics Phase 4 Sandwich panel decorative ink development  
[NASA-CR-166432] p 296 N83-18851  
Advanced manufacturing development of a composite empennage component for L 1011 aircraft  
[NASA-CR-172658] p 440 N83-25692  
A parametric study of surface imperfections and small cutouts in a composite panel  
[AD-A124739] p 470 N83-25793  
For operation of the Computer Software Management and Information Center (COSMIC)  
[NASA-CR-172904] p 569 N83-30060
- PANORAMIC CAMERAS**  
Analysis of target coverage for an unstabilized 35 mm panoramic strike camera p 231 A83-22596
- PAPER (MATERIAL)**  
Design of plywood and paper flywheel rotors  
[DE83-002276] p 304 N83-20430
- PARABOLIC DIFFERENTIAL EQUATIONS**  
Marching grid generation using parabolic partial differential equations p 569 A83-38810  
An assessment of factors affecting prediction of near-field development of a subsonic VSTOL jet in cross-flow  
[AD-A124583] p 441 N83-25699
- PARACHUTE DESCENT**  
Reductions in parachute drag due to forebody wake effects p 178 A83-15315  
A look at the Russell 'Lobe' parachute - The first ultra-stable parachute design p 184 A83-15434  
Prediction of line sail during lines-first deployment --- parachute suspension simulation  
[AIAA PAPER 83-0370] p 133 A83-16676  
C-141 operations in Operation Bright Star 82 p 317 A83-29203  
The motion dynamics of parachute systems --- Russian book p 422 A83-36450  
Added fluid mass and the equations of motion of a parachute p 715 A83-48145
- PARACHUTES**  
A new use for NWC's wind machine - Parachute testing p 207 A83-15309  
Modular asymmetric parachute for wind tunnel testing p 178 A83-15322  
An option for enhanced aircrew survivability p 183 A83-15409  
The 3 ring canopy release system p 183 A83-15416  
Prediction of line sail during lines-first deployment --- parachute suspension simulation  
[AIAA PAPER 83-0370] p 133 A83-16676  
Net-skirt addition to a parachute canopy to prevent inversion p 428 A83-36911  
An experimental and theoretical investigation of the reduction in parachute drag caused by forebody wake effects Data compilation and program summary  
[DE83-005364] p 378 N83-24486  
Wind tunnel investigation of cargo extraction parachutes in the wake of a Lockheed C-141B Starlifter aircraft  
[AD-A124523] p 425 N83-25675  
Extended moment arm anti-spin device  
[NASA-CASE-LAR-12979-1] p 505 N83-29173  
Dual towline anti-spin device -- for flight tests  
[NASA-CASE-LAR-13076-1] p 733 N83-34934
- PARALLEL FLOW**  
Linearized potential solution for an airfoil in nonuniform parallel streams  
[NASA-CR-173047] p 665 N83-33843

## PARAMETERIZATION

- PARALLEL PROCESSING (COMPUTERS)**  
A prototype parallel computer architecture for advanced avionics applications p 70 A83-11153  
Design of a high-speed digital processing element for parallel simulation  
[NASA-TM-83373] p 563 N83-29597
- PARAMETER IDENTIFICATION**  
Fundamentals of radio navigation --- Russian book p 17 A83-10668  
The theory of aircraft engines --- Russian book p 39 A83-10675  
System identification and aircraft flutter p 215 A83-15546  
The analysis of operational stresses --- on aircraft during flight p 181 A83-18596  
Implicit adaptive control for a class of MIMO systems --- with application to lateral dynamics of F-8 aircraft p 169 A83-19031  
Variable dimension filter for maneuvering target tracking p 189 A83-19033  
A method for calculating the parameters of a turbojet engine in the autorotation regime p 272 A83-23434  
Development of adaptation and identification algorithms in adaptive digital aircraft control systems p 287 A83-26600  
Identification of helicopter rotor dynamic models  
[AIAA 83-0988] p 330 A83-29866  
An application of parameter identification to the oscillatory motion of an airplane at high CL  
[AIAA PAPER 83-2067] p 623 A83-41905  
Applications of state estimation in aircraft flight-data analysis  
[AIAA PAPER 83-2087] p 596 A83-41919  
On approximating higher order rotor dynamics in helicopter stability derivative models  
[AIAA PAPER 83-2088] p 624 A83-41920  
Sensitivity of digital flight control design to parameter estimation error p 624 A83-41921  
Identification of aerodynamic coefficients using flight testing data  
[AIAA PAPER 83-2099] p 597 A83-41929  
Parametric study of critical constraints for a canard configured medium range transport using conceptual design optimization  
[AIAA PAPER 83-2141] p 598 A83-41963  
Estimation of parameters involved in high angle-of-attack aerodynamic theory using spin flight test data  
[AIAA PAPER 83-2086] p 627 A83-43809  
Estimation of nonlinear aerodynamics from transport airplane certification maneuvers - A system identification approach  
[AIAA PAPER 83-2065] p 627 A83-43811  
Aerodynamic coefficient identification of time-varying aircraft system and its application p 10 N83-11044  
Hereditary models for airfoils in unsteady aerodynamics, numerical approximations and parameter estimation  
[AD-A118446] p 179 N83-12050  
Recommendations for automated monitoring of radio equipment associated with flight service stations  
[FAA-CT-82-31] p 217 N83-12298  
Helicopter simulation validation using flight data  
[NASA-TM-84291] p 204 N83-13112  
Identification and stochastic control of helicopter dynamic modes  
[NASA-CR 166425] p 157 N83-15283  
The application of parameter estimation to flight measurements to obtain lateral-directional stability derivatives of an augmented jet-flap STOL airplane  
[NASA TP 2033] p 216 N83-16350  
Measurement of the flow-field behind harmonically oscillating gust generators in the model subsonic wind tunnel (MUK)  
[DFVLR-FB-82-26] p 315 N83-20920  
The quality of avionics software Specification and evaluation p 335 N83-22142  
The YAV-8B simulation and modeling Volume 1 Aircraft description and program summary  
[NASA-CR 170397] p 333 N83-22193  
Non-intrusive parameter identification procedure user's guide  
[NASA-CR-170398] p 397 N83-23318  
Evaluation of aerodynamic derivatives from Do-28-TNT free-flight model tests  
[ESA-TT-784] p 442 N83-25706  
Identification of primary flight control system characteristics from dynamic measurements  
[VTH-LR-348] p 546 N83-28003  
Helicopter simulation validation using flight data p 631 N83-30372  
Results of Beaver aircraft parameter identification  
[DFVLR-FB-83-10] p 678 N83-32798
- PARAMETERIZATION**  
A small parameter method in problems of maneuvering space vehicles with aerodynamic efficiency p 467 A83-34849

- Controller scheduling - A possible algebraic viewpoint p 567 A83-37093
- Procedure for the calculation of basic emission parameters for aircraft turbine engines [SAE AIR 1533] p 535 A83-38104
- Algorithms for real-time flutter identification [AIAA PAPER 83-2223] p 640 A83-41703
- Investigation of F/A-18A engine throttle usage and parametric sensitivities [ASME PAPER 83-GT-64] p 738 A83-47919
- Application of a systematic finite-element model modification technique to dynamic analysis of structures [NASA-TM-83292] p 301 N83-19124
- A parametric study of surface imperfections and small cutouts in a composite panel [AD-A124739] p 470 N83-25793
- PARAMETRIC AMPLIFIERS**
- Parametrically excited vibrations in theory and practice p 407 A83-32961
- PARTIAL DIFFERENTIAL EQUATIONS**
- Numerical and generation. Proceedings of the Symposium on Numerical Generation of Curvilinear Coordinate Systems and Their Use in the Numerical Solution of Partial Differential Equations, Nashville, TN, April 13-16, 1982 p 568 A83-38776
- Numerical calculations of turbulent buoyant flow in aircraft cabins [FAA-CT-82-61] p 319 N83-22170
- PARTICLE LADEN JETS**
- Erosion-corrosion of coatings and superalloys in high velocity hot gases p 757 A83-49481
- PARTICLE MOTION**
- Velocity perturbation of a flyer approaching a rigid impermeable barrier and the transmitted pressure pulse [DE83-007770] p 632 N83-30443
- PARTICLE PRODUCTION**
- Evidence for the production of ice particles in clouds due to aircraft penetrations p 767 A83-49691
- PARTICLE SIZE DISTRIBUTION**
- Influence of multidroplet size distribution on icing collection efficiency [AIAA PAPER 83-0110] p 188 A83-16526
- Prediction of liquid fuel spray capture by v-gutter downstream of plain orifice injector under uniform cross air-flow [AIAA PAPER 83-0153] p 160 A83-16559
- Trajectory with diffusion method for predicting the fuel distribution in a transverse stream [AIAA PAPER 83-0336] p 161 A83-16662
- Aerodynamic drag in two-phase flows p 135 A83-17408
- The distribution of the disperse fraction of a polydisperse jet injected into a gas flow p 473 A83-34472
- Drop size measurements in evaporating realistic sprays of emulsified and neat fuels [ASME PAPER 83-GT-231] p 756 A83-48027
- Design of glass-faced helicopter windshields for survival in a particle impact environment [AIAA PAPER 83-2439] p 726 A83-48328
- Aircraft observations of large scale cloud systems [AD-A122515] p 767 A83-49698
- Particle sizing by measurement of forward-scattered light at two angles [NASA-TP-2156] p 395 N83-24509
- An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications [AD-A125025] p 471 N83-27034
- Fuel spray diagnostics p 538 N83-29212
- Pollutant formation in monodisperse fuel spray combustion p 538 N83-29213
- Spectrometer sensitivity investigations on the spectrometric oil analysis program [AD-A127969] p 638 N83-31752
- PARTICLE TRAJECTORIES**
- A similarity analysis of the droplet trajectory equation p 212 A83-13133
- NASA aenal applications wake interaction research --- particle trajectories in aircraft induced wakes p 317 A83-28899
- FOD hazard from tire-lofted debris --- Foreign Object Damage p 585 A83-42557
- NASA wake interactions research and applications [SAE PAPER 830764] p 580 A83-43329
- PARTICULATE SAMPLING**
- A separator for obtaining samples of cloud water in aircraft p 640 A83-41983
- PASSENGER AIRCRAFT**
- The cleaning of the exterior of the aircraft p 175 A83-14325
- The remanufacturers --- of passenger aircraft p 127 A83-18075
- Primary bonded aircraft wing construction p 186 A83-20483
- Thermal performance of aircraft polyurethane seat cushions p 294 A83-23849
- Air traffic and requirements for future passenger aircraft [DGLR PAPER 82-024] p 241 A83-24151
- Development trend in general aviation [DGLR PAPER 82-026] p 242 A83-24153
- Alternative wing concepts for a long-distance aircraft of the nineties [DGLR PAPER 82-029] p 261 A83-24155
- Performance-increasing modifications on transonic passenger plane wings [DGLR PAPER 82-031] p 261 A83-24157
- Safety requirements and trends in the passenger aircraft cabin area [DGLR PAPER 82-043] p 247 A83-24167
- The ATR 42 will keep its promises p 262 A83-25115
- Advanced technology for future regional transport aircraft p 326 A83-27499
- Dash 8 - Canada's new commuter p 328 A83-29675
- Choice of optimal cabin capacity --- statistical model for optimal number of seats in passenger aircraft p 318 A83-29968
- The Dash 8 - Design considerations [SAE PAPER 820728] p 384 A83-30875
- Design features of a new commuter turboprop engine [SAE PAPER 820717] p 392 A83-31802
- Advanced propeller technology for new commuter aircraft [SAE PAPER 820720] p 392 A83-31803
- The CAC-100 - Design features --- passenger commuter transport aircraft [SAE PAPER 820730] p 385 A83-31806
- Impact of stretching wide-bodied aircraft on existing airport facilities [AIAA PAPER 83-1578] p 398 A83-33351
- Interaction of the small commuter operation within the hub terminal [AIAA PAPER 83-1584] p 379 A83-33355
- SAAB-Fairchild 340 - Transatlantic frontrunner p 434 A83-35623
- The future of the manned aircraft p 416 A83-36960
- Determination of the equivalent noise level contour for a passenger jet aircraft over a place in the case of quasi-steady flight regimes p 570 A83-37535
- New technologies for general aviation p 489 A83-37856
- Impact protection in air transport passenger seat design [SAE PAPER 821391] p 507 A83-37967
- Dashing ahead in commuterliners p 519 A83-38470
- PW100 - Canada's commuter turboprop p 615 A83-42524
- Unconventional commuter configurations - A design investigation [SAE PAPER 830710] p 599 A83-43320
- Fail-operational DAFCS for business/commuter aircraft --- Digital Automatic Flight Control System [SAE PAPER 830714] p 626 A83-43324
- Philosophy of automated balance calculations [SAE PAPER 1470] p 585 A83-43744
- Optimum configuration for a 10-passenger business turboprop jet airplane p 675 A83-43967
- The diagnosis and evaluation of turbulence which influences the flight of aircraft, according to rawinsonde network observation data p 704 A83-45326
- Passenger liability in international carriage by air - Lines of development p 707 A83-45831
- Flight frequency determination p 668 A83-46776
- Future aircraft development for commuter and third-level operations [AIAA PAPER 83-2464] p 727 A83-48338
- Exploratory low-speed wind-tunnel investigation of advanced commuter configurations including an over-the-wing propeller design [AIAA PAPER 83-2531] p 732 A83-49590
- The general assembly and painting of the Yier - 86 passenger plane p 32 N83-11054
- In-flight aircraft seat fire extinguishing tests (cabin hazard measurements) [FAA-CT-82-111] p 197 N83-16308
- Oceanic Area System Improvement Study (OASIS) Volume 10 North Atlantic, Central East Pacific, and Caribbean regions aviation traffic forecasts [FAA-EM-81-17-VOL-10] p 201 N83-16322
- Study of advanced rotary combustion engines for commuter aircraft [NASA-CR-165399] p 214 N83-17545
- Application of variable-sweep wings to commuter aircraft [NASA-CR-166067] p 265 N83-18713
- Planning for rotorcraft and commuter air transportation [NASA-CR-166453] p 310 N83-19652
- Small transport aircraft technology [NASA-SP-460] p 331 N83-20931
- Management and planning concepts p 326 N83-22185
- Propeller mean slipstream computation Slipstream influence on aircraft performances [SNIAS-822-111-104] p 389 N83-23299
- Effect of advanced technology and a fuel efficient engine on a subsonic-cruise executive jet with a small cabin [NASA-CR-172190] p 679 N83-33876
- PASSENGERS**
- An FAA analysis of aircraft emergency evacuation demonstrations [SAE PAPER 821486] p 507 A83-38005
- Computer simulation of an aircraft seat and occupant in a crash environment, volume 1 [FAA-CT-82-33-1-VOL-1] p 319 N83-22171
- Computer simulation of an aircraft seat and occupant in a crash environment Volume 2 Program SOM-LA user manual [FAA-CT-82-33-2-VOL-2] p 319 N83-22172
- The flow of air-passenger traffic in the Federal Republic of Germany with emphasis on airports and their hinterland [GEOGRAPHISCHE-SCHRIFTEN-18] p 380 N83-23283
- Questions and answers concerning runway 18 West [FACHTHEMEN-2] p 400 N83-23321
- A strategy is needed to deal with peaking problems at international airports [GAD/GGD-83-4] p 429 N83-25683
- A computer simulation of aircraft evacuation with fire [NASA-CR-166511] p 589 N83-31586
- PATTERN METHOD (FORECASTING)**
- Evaluation of technology assessments and development of evaluation protocols [PB82-197385] p 224 N83-13028
- The flow of air-passenger traffic in the Federal Republic of Germany with emphasis on airports and their hinterland [GEOGRAPHISCHE-SCHRIFTEN-18] p 380 N83-23283
- PATTERN RECOGNITION**
- Symbolic pattern matching for target acquisition p 24 A83-11460
- Application of image understanding to automatic tactical target acquisition p 25 A83-12878
- Establishing signal processing and pattern recognition techniques for inflight discrimination between crack-growth acoustic emission and other acoustic waveforms p 214 A83-15198
- Target acquisition and extraction from cluttered backgrounds p 268 A83-23531
- Eliminating nearest neighbor searches in estimating target orientation p 268 A83-23535
- PAVEMENTS**
- Thermal properties of some asphaltic concrete mixes [AIAA PAPER 83-1598] p 399 A83-33361
- Evaluation of properties of recycled asphalt concrete hot mix [AIAA PAPER 83-1599] p 399 A83-33362
- Airport pavement management - A total system [AIAA PAPER 83-1600] p 399 A83-33363
- Nondestructive airfield pavement testing using laser technology [AIAA PAPER 83-1601] p 399 A83-33364
- Standardized pavement strength reporting system - ACN/PCN --- Aircraft Classification Number/Pavement Classification Number [AIAA PAPER 83-1602] p 400 A83-33365
- High temperature/pressure testing of heat resistant runway materials [AIAA PAPER 83-2492] p 753 A83-48349
- Pavement roughness and skid properties [PB82 212309] p 66 N83-10295
- Current practices on nighttime pavement construction asphaltic concrete [DOT/FAA/RD-80/121] p 207 N83-12101
- Aircraft Dynamic Response to Damaged and Repaired Runways [AGARD-CP-326] p 157 N83-15284
- Minimum operating strip selection procedure p 175 N83-15285
- Proposed specifications for international interoperability on repaired bomb damaged runways p 175 N83-15286
- Advanced rapid runway repair A stable and flush repaired runway surface p 175 N83-15287
- Evaluation of the pilot papers from the Spring 1981 SMP Meeting p 175 N83-15288
- Application of semi-rigid pavements in rapid runway repair p 175 N83-15289
- The repaired runway clearance environment p 176 N83-15290
- The HAVE BOUNCE Program p 157 N83-15291
- Predicted and measured landing gear loads for the NF-5 aircraft taxiing over a bumpy runway p 157 N83-15296

- Prediction of pavement roughness  
[AD-A120009] p 232 N83-16566
- Predicted and measured landing gear loads for the NF-5 aircraft taxiing over a bumpy runway  
[NLR-MP-82008-U] p 207 N83-17532
- Evaluation of retroreflective pavement markers for precision and nonprecision runways  
[FAA-CT-82-112] p 220 N83-17558
- Longitudinal joint systems in slip-formed rigid pavements Volume 5 Summary of field test results from Chicago O'Hare International Airport  
[FAA-RD-79-4-5] p 293 N83-19762
- Non-contact, non-destructive airport pavement profile and deflection measurements  
[FAA-PM-83-14] p 400 N83-23325
- An evaluation of the pavement condition index prediction model for rigid airfield pavements  
[AD-A123002] p 402 N83-24524
- Evaluation of three state-of-the-art water-jet systems for cutting/removing concrete  
[AD-A123579] p 407 N83-24732
- Runway surface condition sensor specification guide  
[AC-150/5220-13A] p 465 N83-25728
- Optimization of long range major rehabilitation of airfield pavements  
[AD-A127579] p 632 N83-31613
- State of the art survey on confined base courses for utility airport pavements  
[FAA-PM-83-24] p 690 N83-32813
- PAYLOAD MASS RATIO**  
Optimizing tail size and wing location within loadability constraints  
[SAWE PAPER 1466] p 602 A83-43740
- PAYLOAD TRANSFER**  
New concept for low cost VTOL cargo delivery capability  
[AIAA PAPER 83-2207] p 584 A83-41691
- PEELING**  
The effect of primer adhesive compatibility on adhesive peel strength at low temperature p 222 A83-20448
- PENDULUMS**  
Analytical and experimental investigation of a bearingless hub-absorber p 594 A83-41077  
Helicopter vibration suppression using simple pendulum absorbers on the rotor blade p 204 N83-13109
- PERFORATED PLATES**  
Three-dimensional elastoplastic finite element analysis p 300 A83-26767  
The effect of stringers on the stress-strain state near a hole or crack in an anisotropic plate p 556 A83-37516  
Green's function solution and applications for cracks emanating from a circular hole in an infinite sheet p 764 A83-49599  
Special finite elements for sheets with loaded circular holes  
[ARL/STRUC-REPT-392] p 360 N83-22625
- PERFORATING**  
Experimental research on perforated acoustic liners in turbojet engine afterburners p 165 N83-15256  
Development of a three-dimensional adaptive wall test section with perforated walls p 349 N83-20973
- PERFORMANCE**  
Developments in performance monitoring and diagnostics in aircraft turbine engines  
[SAE PAPER 821400] p 533 A83-37973  
Flight personnel comment on experience flying new Yak-42 p 194 N83-13061  
Short takeoff performance using a gravity assist ski jump  
[AD-A126456] p 679 N83-33879
- PERFORMANCE PREDICTION**  
Prediction of transonic flutter for a supercritical wing by modified strip analysis p 62 A83-10190  
A dynamic interface error performance simulation - IV&V for the F-4F OFF - Independent Verification and Validation for Operational Flight Program p 70 A83-11114  
A ray tracing computer analysis program /RAYCAP/ for airborne surveillance radar applications p 23 A83-11243  
A technique to empirically model clutter signals in airborne pulse Doppler radar p 23 A83-11251  
Identification of the causes of aircraft performance shortfalls in fleet operations p 3 A83-12659  
ACA-ECA or pipedream, Industry needs it - but who will pay p 30 A83-13017  
Prediction capability and improvements of the numerical notch analysis for fatigue loaded aircraft and automotive components p 213 A83-13907  
Some comments on a mathematical model of the static performance curve of a turbojet engine p 199 A83-14625  
The diagnostics of disturbances in components of turbojet engines with gasdynamics parameter monitoring p 199 A83-15850
- PAN AIR applications to complex configurations --- computer program for predicting subsonic and supersonic linear potential flows  
[AIAA PAPER 83-0007] p 129 A83-16459  
A method of predicting the performance deterioration of a compressor cascade due to sand erosion  
[AIAA PAPER 83-0178] p 160 A83-16572  
Missile Datcom status report - Body and fin alone methodology p 132 A83-16574  
Segmented vortex flaps  
[AIAA PAPER 83-0424] p 134 A83-16706  
Application of the PANAIR production code to a complex canard/wing configuration  
[AIAA PAPER 83-0009] p 136 A83-17902  
Natural frequency of rotating beams using non-rotating modes p 181 A83-18383  
A comparison between the Craig-Cox and the Kacker-Okapu methods of turbine performance prediction p 163 A83-19025  
An improved methodology for predicting random spectrum load interaction effects on fatigue crack growth p 224 A83-21802  
Internal performance prediction for advanced exhaust systems --- for tactical aircraft p 211 A83-22156  
Rotor hovering performance using the method of fast free wake analysis p 190 A83-22162  
Advances in high-speed rolling-element bearings --- for aircraft engine and transmission application p 231 A83-22319  
Surface notches in composites p 294 A83-23931  
Application of multiple model estimation to a recursive terrain height correlation system p 257 A83-26264  
A steady state performance model for general aviation spark-ignition piston engines p 336 A83-27163  
Discharge rate capability of nickel-cadmium aircraft batteries p 336 A83-27190  
NASA aerial applications wake interaction research --- particle trajectories in aircraft induced wakes p 317 A83-28899  
Helicopter flight testing, simulation and real-time analysis p 328 A83-29391  
Near-real-time flutter boundary prediction from turbulence excited response p 356 A83-29814  
Large-amplitude multimode response of clamped rectangular panels to acoustic excitation p 358 A83-29879  
AFTI/F 16 aeroservoelastic analyses and ground test with a digital flight control system p 341 A83-29888  
Performance estimation for light propeller airplanes p 386 A83-32589  
Flight test and predicted pressure data comparison on aircraft modifications p 387 A83-32932  
CRAF today - An airline perspective --- Civil Reserve Air Fleet p 379 A83-33358  
On improving the fatigue performance of a double-shear lap joint p 473 A83-34744  
Computer studies of ACV heave performance as a function of vent valve control parameters p 460 A83-34854  
Technical aspects of the AEROBAC AB-7 p 484 A83-34858  
Further study on the prediction of liquid fuel spray capture by v-gutter downstream of a plain orifice injector under uniform cross air flow p 473 A83-35810  
Further studies on the prediction of spray evaporation rates --- for aircraft fuels p 468 A83-35811  
The prediction of performance of turbojet engine with distorted inlet flow and its experimental studies p 446 A83-35832  
The transient performance of turbojet engines and axial compressors p 447 A83-35847  
A study of the response of a turbojet engine to the inlet temperature transients p 448 A83-35849  
Effect of sand erosion on the performance deterioration of a single stage axial flow compressor p 448 A83-35854  
Eccentric end wear in cylindrical roller bearings can be predicted and prevented p 474 A83-36237  
[AIAA PAPER 83-1132] p 474 A83-36237  
The performance of single-shaft gas turbine load compressor auxiliary power units p 451 A83-36251  
[AIAA PAPER 83-1159] p 451 A83-36251  
Maximum loading capability of axial flow compressors p 451 A83-36254  
[AIAA PAPER 83-1163] p 451 A83-36254  
The performance of an annular vane swirler --- to aid in modeling gas turbine combustor flowfields and swirling confined flow turbulence p 455 A83-36340  
[AIAA PAPER 83-1326] p 455 A83-36340  
A comprehensive method for preliminary design optimization of axial gas turbine stages II - Code verification p 456 A83-36393  
[AIAA PAPER 83-1403] p 456 A83-36393
- Simulate airborne radar environments p 512 A83-37821  
The lateral response of an airship to turbulence p 502 A83-38915  
[AIAA PAPER 83-1889] p 502 A83-38915  
Inviscid drag calculations for transonic flows p 503 A83-39380  
[AIAA PAPER 83-1928] p 503 A83-39380  
Assessment of rotor fuselage coupling on vibration predictions using a simple finite element model p 640 A83-41075  
The use of actuator-disc dynamic inflow for helicopter flap-lag stability p 595 A83-41081  
LAMPS MK III acoustic target tracker p 609 A83-41533  
Optimal symmetric flight with an intermediate vehicle model p 596 A83-41715  
[AIAA PAPER 83-2238] p 596 A83-41715  
Finite element model tuning via multiple objective optimization techniques p 641 A83-42542  
A three-dimensional model for the prediction of shock losses in compressor blade rows p 744 A83-48016  
[ASME PAPER 83-GT-216] p 744 A83-48016  
Correlation of flight test and analytic M-on-N air combat exchange ratios --- Many-on-Many p 710 A83-48219  
PAN AIR applications to complex configurations --- computer program for predicting subsonic and supersonic linear potential flows p 716 A83-48221  
The development of a generalized advanced propeller analysis system p 746 A83-49581  
[AIAA PAPER 83-2466] p 746 A83-49581  
Life Utilization Criteria Identification in Design (LUCID) [AD-A117807] p 43 N83-10046  
Simulation for predicting flying qualities p 52 N83-10080  
The WISGSK A computer code for the prediction of a multistage axial compressor performance with water ingestion p 201 N83-12093  
[NASA-CR-3624] p 201 N83-12093  
Measured and calculated wall temperatures on air-cooled turbine vanes with boundary layer transition [NASA-TM-83030] p 183 N83-14432  
Blade erosion effects on aircraft engine compressor performance p 213 N83-16346  
[DE82-021791] p 213 N83-16346  
The development of a system for interdisciplinary analysis of rotorcraft flight characteristics p 236 N83-17485  
Propeller performance prediction and design techniques p 281 N83-18653  
A study of analytic modeling techniques for landing gear dynamics p 267 N83-19745  
[AD-A122312] p 267 N83-19745  
Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 1 p 303 N83-20165  
[DE82-903116] p 303 N83-20165  
Dynamic characteristics of aerial refueling systems [AD-A124770] p 442 N83-26830  
Application of the vortex-lattice method to propeller performance analysis p 459 N83-26840  
[AD-A124837] p 459 N83-26840  
Models for predicting tip clearance changes in gas turbines p 541 N83-29255  
The use of data items on aircraft performance estimation [ESDU-80026] p 677 N83-32787  
Technical evaluation report on the Flight Mechanics Panel Symposium on Ground/Flight Test Techniques and Correlation [AGARD-AR-191] p 733 N83-34939
- PERFORMANCE TESTS**  
Air bag impact attenuation system for the AQM-34V remote piloted vehicle p 29 A83-10188  
Tactical three-dimensional air surveillance radar p 17 A83-10259  
Testing of voice control device for aircraft avionics applications p 19 A83-11122  
Noise and detectability characteristics of small-scale remotely piloted vehicle propellers p 199 A83-13162  
A new use for NWC's wind machine - Parachute testing p 207 A83-15309  
Helicopter icing - Testing and certification p 152 A83-18381  
Calibration support of the AN/AAM-60 common forward-looking infrared /FLIR/ test bench p 232 A83-22886  
Strain measurement of acoustically excited aircraft structures at elevated temperatures p 297 A83-23366  
An experimental study of an annular film-evaporation combustion chamber in a low-power gas turbine engine p 273 A83-23443  
Report on advanced transmission system integration tests --- of Blackhawk helicopters p 298 A83-24833  
U.S. Army/Detroit Diesel Allison Advanced Technology Demonstrator Engine p 277 A83-24836  
Review of shock tube and shock tunnel advancements at NAL p 290 A83-26127

- A shock tube driver with a 'cyclone' separator p 290 A83-26130
- A new, diaphragmless, flexible, luminous shock tube p 290 A83-26131
- The testing in BIA hypersonic gun tunnel p 290 A83-26133
- A new facility and technique for two-dimensional aerodynamic testing p 398 A83-32585
- 'Larus' and 'VP-1' tested in winter 1982 p 485 A83-34859
- AP 1-88 craft 001 prototype clearance trials p 485 A83-34862
- Experimental investigation on the role of flexbars and metallic end seals in squeeze film dampers --- of gas turbine engines p 473 A83-35862
- Contribution to centrifugal compressor impeller design p 448 A83-35865
- Flight fidelity testing of the F/A-18 simulators [AIAA PAPER 83-1094] p 437 A83-36225
- Accelerated Mission Testing of the F110 Engine [AIAA PAPER 83-1235] p 453 A83-36298
- Effects of compressor hub treatment on stator stall margin and performance [AIAA PAPER 83-1352] p 475 A83-36354
- Accelerated simulated mission endurance test of a turbohaft engine for military attack helicopter application [AIAA PAPER 83-1359] p 455 A83-36357
- Experimental investigation of the effects of wall suction and blowing on the performance of highly offset diffusers [AIAA PAPER 83-1169] p 423 A83-36922
- Performance assessment of a reclined ejection seat p 516 A83-37879
- Performance tests of two inert gas generator concepts for airplane fuel tank inerting [AIAA PAPER 83-1140] p 519 A83-38078
- Influence of atomizer design features on mean drop size p 612 A83-40865
- Powder pack protection for aircraft dry bays p 585 A83-42558
- High-speed floating-ring bearing test and analysis [ASLE PREPRINT 83 AM-3E 2] p 643 A83-43337
- Comparison of color and black-and-white visual displays as indicated by bombing performance in the 2B35 TA 4J flight simulator p 681 A83-44692
- Development and testing of a high-technology amphibious flying vehicle p 724 A83-47192
- An improved propeller for general-aviation aircraft p 736 A83-47194
- OLGA - A gust-alleviation system for general-aviation aircraft -- Open Loop Gust Alleviation p 750 A83-47212
- A configuration to improve the aerodynamics and scope of can-annular combustors [ASME PAPER 83-GT-37] p 737 A83-47898
- Power turbine dynamics - An evaluation of a shear-mounted elastomeric damper [ASME PAPER 83 GT-228] p 763 A83-48025
- Review of helicopter icing protection systems [AIAA PAPER 83-2529] p 719 A83-48367
- Parametric tip effects for conformable rotor applications p 732 A83-50140
- Airborne Flight Test System (AFTS) [AD-A115100] p 66 A83-10330
- Construction and performance of NAL two-dimensional transonic wind tunnel [NAL-TR-647T] p 57 A83-11146
- Overspeed and overtemperature tests and dissection examination of the turbine discs made of a iron nickel base superalloy p 165 A83-15261
- Lubricant effects on efficiency of a helicopter transmission p 185 A83-15523
- Feed pump hydraulic performance and design improvement Phase 1 Research program design, volume 2 [DE82 903304] p 303 A83-20166
- Automatic landing in bad weather conditions [SNIAS-822 111-106] p 381 A83-23287
- Propeller aircraft noise certification and flight testing [DFVLR-MITT 82-16] p 572 A83-28993
- Experimental investigations of transport aircraft low speed engine interference effects and flight test correlation p 603 A83-30364
- Design, fabrication and test of an integrated Built-In-Test (BIT) control unit [AD-A127278] p 631 A83-30441
- X-wing 25 foot diameter Lockheed model whirl test report [AD-A128959] p 679 A83-33880
- PERIODICALS**
- Air Force Academy Aeronautics Digest, Spring/Summer 1982 [AD-A128248] p 577 A83-31571

- PERIPHERAL VISION**
- Theory underlying the peripheral vision horizon device [AD-A124426] p 445 A83-25710
- PERSONNEL MANAGEMENT**
- U S Navy search and rescue Model Manager p 183 A83-15424
- PERSONNEL SELECTION**
- VOR/DME automated station selection algorithm p 321 A83-28597
- PERTURBATION**
- Transonic and nonlinear flow research [AD-A121477] p 246 A83-19719
- Some recent applications of XTRAN3S [NASA-TM-85641] p 426 A83-26815
- Velocity perturbation of a flyer approaching a rigid impermeable barrier and the transmitted pressure pulse [DE83-007770] p 632 A83-30443
- Modification of flight vehicle vibration modes to account for design changes p 607 A83-30790
- Demonstration and analysis of an improved nondestructive evaluation (NDE) method for rotary wing head spindle threads [AD-A128741] p 712 A83-34890
- PERTURBATION THEORY**
- Perturbation adaptive array processor for airborne application p 320 A83-27913
- Development of 4-D time-controlled guidance laws using singular perturbation methodology p 512 A83-37149
- Digital flight control system design using singular perturbation methods [AD-A118117] p 53 A83-11143
- Design of high-performance tracking systems [AD-A119440] p 147 A83-14102
- Journal of Engineering Thermophysics (selected articles) [AD-A129455] p 770 A83-36988
- PETROLEUM PRODUCTS**
- A rapid method for determining the initial boiling point and the saturated-vapor pressure of petroleum products -- jet fuel tests in railroad tank cars p 229 A83-20962
- An exploratory research and development program leading to specifications for aviation turbine fuel from whole crude shale oil Part 4 Production of samples of military fuels from raw shale oils [AD-A117526] p 60 A83-10211
- PHASE DEVIATION**
- Airframe multipath effects in airborne adaptive antenna arrays p 143 A83-18627
- PHASE DIAGRAMS**
- Effects of cobalt in nickel-base superalloys p 223 A83-21467
- PHASE MODULATION**
- Experiments on the role of amplitude and phase modulations during transition to turbulence p 213 A83-14576
- PHASE SHIFT**
- Nonlinear filter for pilot's remnant attenuation p 285 A83-24436
- Direct aircraft velocity determination by L-band moving target detector radar [AD-A117512] p 27 A83-10031
- Instrument landing system localizer receiver performance in the presence of co-channel interference [AD-A118909] p 188 A83-13089
- PHASE TRANSFORMATIONS**
- The preparation and properties of mesophase pitch-based carbon fibers p 294 A83-23643
- PHASED ARRAYS**
- Adaptive clutter suppression for airborne phased array radars p 320 A83-27919
- A network formulation for phased arrays - Application to log-periodic arrays of monopoles on curved surfaces p 431 A83-35090
- Frangible microwave landing system (inverted azimuth waveguide array configuration) [DOT/FAA/RD-82/88] p 324 A83-20927
- Proceedings of the Antenna Applications Symposium (1982) [AD-A129356] p 765 A83-36338
- PHOSPHORIC ACID**
- Service history of phosphoric acid anodized aluminum structure -- with adhesive bonding for aircraft construction p 185 A83-20479
- PHOTOCHEMICAL REACTIONS**
- High altitude jet fuel photochemistry [AD-A125035] p 471 A83-27035
- PHOTOELASTIC ANALYSIS**
- The intricate patterns of stress p 180 A83-17282
- Stress analysis of critical areas of low-pressure compressor-disc assembly of a developmental aero-engine p 449 A83-35880
- PHOTOGRAMMETRY**
- Close range photogrammetry for aircraft quality control p 558 A83-38347

- Utilization of the Trident radar system for air navigation, photogrammetry, and geodesy at the National Geographic Institute First results Ongoing tests p 514 A83-40623
- Image degradation in Langley 0.3-meter transonic cryogenic tunnel [NASA TM-84550] p 219 A83-13419
- PHOTORECONNAISSANCE**
- Analysis of target coverage for an unstabilized 35 mm panoramic strike camera p 231 A83-22596
- PHYSIOLOGICAL FACTORS**
- Multiple-event airplane noise annoyance [NASA-TP-2101] p 234 A83-16951
- PHYSIOLOGICAL RESPONSES**
- A study of noise metric and tone correction accuracy [NASA-CR-165910] p 304 A83-20445
- PIEZOELECTRIC TRANSDUCERS**
- The measurement of pressure pulsations by means of piezoelectric transducers p 640 A83-41891
- Piezoelectric deicing device [NASA-CASE-LEW-13773-1] p 528 A83-29197
- PIGGYBACK SYSTEMS**
- Maximum endurance and maximum penetration trajectories for horizontal gliding flight [AIAA PAPER 83-0283] p 150 A83-16628
- PILOT ERROR**
- Human factors dilemmas in the quest for aviation safety p 183 A83-15423
- Aircraft accident report Air Florida, Inc Boeing 737-222, N62AF collision with 14th Street Bridge, near Washington National Airport, Washington, D.C., January 13, 1982 [PB82 910408] p 15 A83-10022
- Human factors in air safety p 320 A83-23234
- Modeling the helmet-mounted sight system [AD-A124681] p 444 A83-25709
- Man-vehicle systems research facility Design and operating characteristics [NASA TM-84372] p 548 A83-28006
- A summary and integration of research concerning single pilot IFR operational problems [NASA CR-3716] p 668 A83-32783
- Aircraft accident report Coin Acceptors, Inc, Cessna model 551, Citation 2, N2CA, Mountain View, Missouri, November 18, 1982 [PB83-910404] p 720 A83-34922
- PILOT PERFORMANCE**
- Voice techniques on board aircraft - An experimental approach p 19 A83-11123
- Integrated perceptual information for designers p 63 A83-11136
- An analytical pilot rating method for highly elastic aircraft p 203 A83-14843
- Head up display operational problems p 197 A83-16135
- Nonlinear filter for pilot's remnant attenuation p 285 A83-24436
- Pilot fatigue - A deadly cover-up --- Book p 248 A83-24901
- A comparison of color versus black and white visual display as indicated by bombing performance in the 2B35 TA-4J flight simulator p 269 A83-26313
- Integrated flight path control system p 286 A83-26477
- Excessive roll damping can cause roll ratchet p 395 A83-30171
- Flight operations A study of flight deck management --- Book p 428 A83-33767
- Bring cohesion to handling-qualities engineering p 434 A83-35772
- Helicopter IFR approaches into major terminals using RNAV, MLS, and CDTI p 584 A83-41042
- Advanced helicopter avionics p 590 A83-41531
- Pilot modeling and closed-loop analysis of flexible aircraft in the pitch tracking task [AIAA PAPER 83-2231] p 621 A83-41709
- Comparison of color and black-and-white visual displays as indicated by bombing performance in the 2B35 TA-4J flight simulator p 681 A83-44692
- An optimal control approach to pilot/vehicle analysis and the Neal-Smith criteria p 687 A83-45462
- Minimizing pilot work load in an advanced development, low-cost Omega/VLF/RNAV system p 671 A83-46954
- A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 1 Technical discussion and results [NASA-TM-84258-PT-1] p 48 A83-10049
- A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 2 Supporting data [NASA-TM-84258-PT-2] p 48 A83-10050
- Prediction of aircraft handling qualities using analytical models of the human pilot p 52 A83-10079



- An optimal control model approach to the design of compensators for simulator delay  
[NASA-CR-3604] p 32 N83-11113
- The effects of pilot stress factors on handling quality assessments during US/German helicopter agility flight tests  
[NASA-TM-84294] p 205 N83-13114
- Airborne flight trajectory planning as a new pilot task [TUBS/FB-82-04-01] p 206 N83-13121
- Pilot ability to understand synthetic voice and radio voice when received simultaneously  
[AD-A119137] p 219 N83-13338
- Applications of simulator freeze to carrier glide slope tracking instruction  
[AD-A118862] p 220 N83-16356
- Comparative evaluation of twenty pilot workload assessment measure using a psychomotor task in a moving base aircraft simulator  
[NASA-CR-166457] p 249 N83-18702
- Simulation study of traffic-sensor noise effects on utilization of traffic situation display for self-spacing task [NASA-TP-2082] p 270 N83-18723
- Flight test trajectory control analysis  
[NASA-CR-170395] p 288 N83-18744
- Pursuit rotor tracking performance in conjunction with extended flight operations in a helicopter simulator  
[AD-A119237] p 293 N83-18772
- Simulator study of a flight director display  
[NASA-TM-84581] p 271 N83-19748
- Automatic landing in bad weather conditions  
[SNIAS-822-111-106] p 381 N83-23287
- A simulation study of crew performance in operating an advanced transport aircraft in an automated terminal area environment  
[NASA-TM-84610] p 382 N83-24490
- Longitudinal flying qualities criteria for single pilot instrument flight operations p 545 N83-27997
- Some general topics in the field of engine handling p 540 N83-29242
- The criteria used for assessing acceptable engine handling on UK military aircraft p 540 N83-29244
- Handling combat engines The pilots viewpoint --- Mirage 2000 aircraft p 540 N83-29247
- General aviation safety research issues  
[AD-A130074] p 722 N83-36015
- PILOT SELECTION**  
Human factors in air safety p 320 N83-23234
- PILOT TRAINING**  
Improved g-cueing system --- for motion simulation in combat pilot training simulators p 53 N83-10178
- Simple CIG - An approach to visual simulation for procedure training --- Computer Image Generation p 207 N83-18335
- AOI displays in simulation --- Area Of Interest p 197 N83-16337
- Calligraphic/raster color display for simulation p 231 N83-22832
- Target TV projector with dynamic raster shaping for use in dome simulators p 231 N83-22834
- Pilot task profiles, human factors, and image realism p 219 N83-22836
- Simulation which simulates less p 548 N83-40619
- Air-to-air combat in a plastic dome p 548 N83-40620
- Simulator applications and technology  
[AIAA PAPER 83-2172] p 630 N83-41667
- Development of terrain-following displays for the tornado aircraft p 680 N83-44687
- An analysis of airline landing flare data based on flight and training simulator measurements  
[NASA-CR-166404] p 47 N83-10047
- Aviation accident report: Train Air, Incorporated, Gates Learjet 24, N44CJ, Felt, Oklahoma, 1 October 1981 [PB82-910404] p 184 N83-13082
- Comparison of simulator fidelity model predictions with in-simulator evaluation data  
[NASA-TP-2106] p 266 N83-18715
- A placement model for flight simulators  
[AD-A123782] p 466 N83-25730
- Simulator design features for carrier landing Part 2 In-simulator transfer of training  
[AD-A124024] p 466 N83-25733
- PILOTLESS AIRCRAFT**  
Designing a mini-RPV for a world endurance record p 2 N83-11000
- Propulsion systems of flight vehicles and drones - Conditions, requirements, and current and future propulsion systems  
[DGLR PAPER 82-086] p 275 N83-24198
- Aeroelastic considerations for continuous patrol/high altitude surveillance platforms  
[AIAA 83-0924] p 329 N83-29850
- A dynamic model of turbojet in starting at high altitude p 447 N83-35846
- PILOTS (PERSONNEL)**  
Airline safety and labor relations law - Balancing rights and responsibility p 484 N83-34475
- Flight experiments with integrated isometric side-arm controllers in a variable stability helicopter p 50 N83-10068
- Pilot-in-command A sociological analysis of general aviation accidents p 184 N83-13079
- Electronic voice communications improvements for Army aircraft  
[AD-A119427] p 183 N83-14387
- Performance measures for aircraft carrier landings as a function of aircraft dynamics  
[AD-A120473] p 206 N83-16334
- Study to determine the IFR operational profile and problems of the general aviation single pilot  
[NASA-CR-3578] p 249 N83-18699
- Comparative evaluation of twenty pilot workload assessment measure using a psychomotor task in a moving base aircraft simulator  
[NASA-CR-166457] p 249 N83-18702
- Analysis of pilot control strategy  
[NASA-CR-170399] p 344 N83-22212
- Pilot human factors in stall/spin accidents of supersonic fighter aircraft  
[NASA-TM-84348] p 462 N83-26846
- Cockpit environment p 610 N83-30416
- A summary and integration of research concerning single pilot IFR operational problems  
[NASA-CR-3716] p 668 N83-32783
- A comparison of audio, visual and tactile warning devices in a simulated flight environment  
[AD-A128200] p 669 N83-33862
- PIPELINES**  
Model of a cryogenic liquid-hydrogen pipeline for an airport ground distribution system p 648 N83-43641
- PIPER AIRCRAFT**  
Variable acuity remote viewing system flight demonstration  
[NASA-CR-170404] p 531 N83-29204
- PIPES (TUBES)**  
Helium plants and storage, design manual 24 2  
[AD-A119517] p 175 N83-14142
- Acoustical modal analysis of the pressure field in the tailpipe of a turbofan engine  
[NASA-TM-83387] p 412 N83-25499
- PISTON ENGINES**  
Thunder power for executive and ag-aircraft p 39 N83-10866
- Computed and measured turbulence in axisymmetric reciprocating engines p 276 N83-24669
- Sensitivity of chamber turbulence to intake flows in axisymmetric reciprocating engines p 276 N83-24677
- A steady state performance model for general aviation spark-ignition piston engines p 336 N83-27163
- The effect of variation of diffuser design on the performance of centrifugal compressors p 448 N83-35866
- Development and application of a liquid-cooled V-8 piston engine for general aviation aircraft  
[AIAA PAPER 83-1342] p 455 N83-36347
- The application of a liquid-cooled V-8 piston engine to general aviation aircraft  
[SAE PAPER 821446] p 533 N83-37994
- Final evaluation of multi-viscosity oils designed for aircraft reciprocating engines  
[SAE PAPER 830707] p 691 N83-44685
- The spark-ignition aircraft piston engine of the future p 353 N83-22450
- Current designs, future possibilities and programmatic suggestions p 353 N83-22452
- A fuel-efficient cruise performance model for general aviation piston engine airplanes  
[NASA-CR-172188] p 686 N83-33891
- Vortex motion in axisymmetric piston-cylinder configurations  
[NASA-TM-85404] p 765 N83-35318
- PISTONS**  
Centrifugal-reciprocating compressor  
[NASA-CASE-NPO-14597-2] p 563 N83-29708
- PITCH (INCLINATION)**  
Nonlinear controller for the pitch-up region  
[AIAA PAPER 83-0064] p 168 N83-16496
- Unsteady flow separation and attachment induced by pitching airfoils  
[AIAA PAPER 83-0131] p 131 N83-16544
- Subsonic dynamic stall in pitching and plunging oscillations including large ground interference effects  
[AIAA 83-0889] p 313 N83-29836
- Method of calculating optimum angular blade pitches in fan with unequally pitched blades p 375 N83-33090
- A turbulent flow Navier-Stokes analysis for an airfoil oscillating in pitch p 660 N83-48437
- The effect of the stator with unequal pitch cascades on the compressor blade vibration p 42 N83-10013
- The status of military helicopter handling qualities criteria p 50 N83-10065
- Propulsive performance of 2-dimensional thin airfoils undergoing large-amplitude pitch and plunge oscillations --- ornithopter aircraft  
[UTIAS-TN-226] p 180 N83-13074
- Analysis of pilot control strategy  
[NASA-CR-170399] p 344 N83-22212
- Terminal area automatic navigation, guidance and control research using the Microwave Landing System (MLS) Part 5 Design and development of a Digital Integrated Automatic Landing System (DIALS) for steep final approach using modern control techniques  
[NASA-CR-3681] p 345 N83-22213
- Gust response prediction of an airfoil using a modified von Karman-Pohlhausen technique  
[AD-A124716] p 461 N83-25718
- Computer control and activation of six-degree-of-freedom simulator  
[AD-A126126] p 549 N83-28010
- Lift and drag of two staggered lifting surfaces at low speeds  
[ESDU-81023] p 663 N83-32759
- PITCH (MATERIAL)**  
The preparation and properties of mesophase pitch-based carbon fibers p 294 N83-23643
- PITCHING MOMENTS**  
Alleviation of the subsonic pitch-up of delta wings p 374 N83-32583
- Energetics and optimum motion of oscillating lifting surfaces --- energy losses of rigid wings  
[AIAA PAPER 83-1710] p 492 N83-37204
- Axisymmetric nose inlet effects on supersonic airloads p 503 N83-40008
- Development of aerodynamic prediction methods for irregular planform wings  
[NASA-CR-3664] p 195 N83-17515
- Two-dimensional transonic testing method p 347 N83-20962
- Analysis of unswept and swept wing chordwise pressure data from an oscillating NACA 0012 airfoil experiment. Volume 1 Technical Report  
[NASA-CR-3567] p 316 N83-22165
- Evaluation of aerodynamic derivatives from Do-28-TNT free-flight model tests  
[ESA-TT-784] p 442 N83-25706
- Linearized two-dimensional oscillatory airforce coefficients and load distributions on thin airfoils in subsonic flow  
[ESDU-81034] p 664 N83-32761
- Linearized two-dimensional oscillatory airforce coefficients and load distributions on thin airfoils in supersonic flow --- pitching moments  
[ESDU-82005] p 664 N83-32762
- Aircraft forces due to interference between a jet efflux and a slotted flap --- jet impingement on wings for lift augmentation  
[ESDU-82034] p 664 N83-32768
- Linearized potential solution for an airfoil in nonuniform parallel streams  
[NASA-CR-173047] p 665 N83-33843
- PITOT TUBES**  
Aerodynamic characteristics of the AFFTC noseboom instrumentation unit, volume 1  
[AD-A118315] p 14 N83-11089
- The design of shielded pitot tubes with small sensitivity to incidence  
[RAE-TM-AERO-1863] p 530 N83-27988
- PITTING**  
USAF studying techniques to restore windshields p 2 N83-12324
- PLANAR STRUCTURES**  
Curved lifting-line theory for thin planar wings p 189 N83-21024
- Lattice structures Part 1 Mean fluid forces on single and multiple plane frames  
[ESDU-81027-PT-1-AMEND-A] p 699 N83-33201
- PLANE WAVES**  
Pseudospectral calculation of shock turbulence interactions  
[NASA-CR-172133] p 491 N83-27952
- PLANETARY BOUNDARY LAYER**  
First results of boundary layer research flights with three powered gliders during the field experiment PUKK p 188 N83-18996
- A study of lateral flight path perturbations of STOL aircraft in the planetary boundary layer  
[UTIAS-TN-240] p 679 N83-33877
- PLANFORMS**  
Development of aerodynamic prediction methods for irregular planform wings  
[NASA-CR-3664] p 195 N83-17515
- PLANKTON**  
Airborne dual laser excitation and mapping of phytoplankton photopigments in a Gulf Stream Warm Core Ring p 648 N83-42210

PLANNING

Automation of preplanning as a means for improving quality in connection with flight operational control I p 317 A83-29372  
Airport and highway noise control, planning and analysis [PB83-153692] p 560 N83-28290

PLANT DESIGN

High-technology factory of the future p 405 A83-31052  
Helium plants and storage, design manual 24 2 [AD-A119517] p 175 N83-14142

PLASMA DIAGNOSTICS

Design of the CTX diagnostics screen room [DE82-002320] p 176 N83-15321

PLASMA DISPLAY DEVICES

Modern display technologies and applications [AGARD-AR-169] p 310 N83-20758  
Large area gas discharge displays or plasma displays p 611 N83-30423

PLASMA PHYSICS

A collection of papers in the aerospace sciences [AD-A122667] p 417 N83-26787

PLASMA SPRAYING

Automation of the thermal spray process [SAE PAPER 820610] p 696 A83-45868  
Further industrial tests of ceramic thermal barrier coatings [NASA-TP-2057] p 42 N83-10045  
JT90 thermal barrier coated vanes [NASA-CR-167964] p 536 N83-27993

PLASTIC AIRCRAFT STRUCTURES

The ULS experimental ultralight glider made of polymer composites I - Genesis of the program and construction of the glider p 189 A83-14621  
A new high impact resin system for advanced composites with 300 F / 150 C/ properties p 222 A83-20429

Plastic tooling for advanced composites p 222 A83-20481  
The effect of loading rates, temperature and moisture on the fracture toughness of polycarbonate p 223 A83-20497

Design and manufacture of the Tornado carbon-fiber reinforced plastics taileron [DGLR PAPER 82-038] p 261 A83-24162

Composites in the construction of the Lear Fan 2100 aircraft p 350 A83-29718  
Repairing composite structures p 371 A83-30074

The in-service flight testing of some carbon fibre-reinforced plastic components p 599 A83-42808  
Design, fabrication and test of a composite elevator p 695 A83-44046

A jointless and bearingless tail rotor of fiber-reinforced-composite construction p 725 A83-47215

PLASTIC COATINGS

Airfield coatings incorporating polymer materials - Repair and maintenance --- Russian book p 689 A83-45029

PLASTIC DEFORMATION

The use of a structural model for determining the adaptability curve for turbine disks in stress concentration zones p 445 A83-35039

Fracture mechanics in design - Particular reference to the thickness effect on the risk of unstable fracture p 558 A83-39547

The effects of small deformation on creep and stress rupture of ODS superalloys [AD-A125640] p 553 N83-28212

PLASTIC PROPERTIES

The fatigue crack growth under variable amplitude loading in built-up structures [AD-A119764] p 187 N83-15676

PLATE THEORY

Finite element strength analysis of rotating shell-plate structures p 229 A83-21448

PLATES (STRUCTURAL MEMBERS)

Impact damping and airplane towing p 428 A83-33625

The manufacture of interior decoration wall plates for the Yier-86 aircraft [AD-A118962] p 155 N83-14112

PLATING

Annual Airline Plating and Metal Finishing Forum, 18th, Orlando, FL, March 16-18, 1982, Proceedings p 695 A83-45863

Design of the Eastern Air Lines plating shop p 689 A83-45866

Plating on glass for hermetic seal [SAE PAPER 820613] p 696 A83-45871

PLATINUM ALLOYS

A fundamental basis for using the platinum group elements as alloying additions in nickel-base alloys to improve high temperature corrosion p 757 A83-49501

PLENUM CHAMBERS

Supersonic Harrier - One step closer p 200 A83-16371

PLOTTERS

A ground control system for UMA --- unmanned aircraft p 592 A83-43713

PLOTTING

Automatic plotting of the results of bench tests of turbine engines p 39 A83-10444

PLUG NOZZLES

Aeroacoustics of a porous plug supersonic jet noise suppressor [NASA-CR-169977] p 309 N83-19576

PLUMES

Comparison of computational and experimental jet effects p 7 A83-10185

Thrust reverser exhaust plume reingestion tests for a STOL fighter model [AIAA PAPER 83-1229] p 452 A83-36293

Definition of vectored nonaxisymmetric nozzle plumes --- for aircraft thrust vector control [AIAA PAPER 83-1290] p 423 A83-36924

The APC-4 infrared plume generator Qualification Operational Test and Evaluation (QOT/E) [AD-A128503] p 733 N83-34938

PLUTONIUM

Sandia Aircraft Crashfire Facility [DE82-004297] p 198 N83-16313

PLY ORIENTATION

Fracture behavior of hybrid composite laminates [AIAA 83-0804] p 350 A83-29736

Structural mechanics of fibre composites p 635 N83-30530

PLYWOOD

Design of plywood and paper flywheel rotors [DE83-002276] p 304 N83-20430

PNEUMATIC CONTROL

Advanced Flight Control Actuation System (AFCAS -E/P) Fabrication and design verification testing of a dual mode electro/pneumatic actuator for the T-2C aircraft [AD-A119627] p 170 N83-14136

Inherent spiral stability in a fixed wing aircraft by means of a simplified pneumatic wing tip control system [NASA-CR-170207] p 344 N83-22206

PNEUMATIC EQUIPMENT

The durability of aircraft tyres p 692 A83-44879

Pneumatic rotor blade deicing p 676 A83-46926

Apparatus for improving the fuel efficiency of a gas turbine engine [NASA-CASE-LEW-13142-1] p 748 N83-36029

PODS (EXTERNAL STORES)

Environmental control of an aircraft pod mounted electronics system [SAE PAPER 820869] p 263 A83-25768

AH-1 Air Ground Engagement Simulation/air defense (AGES/ADES) pod jettison evaluation [AD-A122623] p 332 N83-20939

Pressure recovery of axisymmetric intakes at subsonic speeds [ESDU-80037] p 663 N83-32753

POINT SOURCES

Experimental and analytical studies of shielding concepts for point sources and jet noise [UTIAS-266] p 571 N83-28983

POINT TO POINT COMMUNICATION

Fiber optic aircraft multiplex systems - Planning for the 1990s p 20 A83-11180

POINTING CONTROL SYSTEMS

Flight path/nose pointing - A required criterion in future fighter aircraft design [AIAA PAPER 83-2123] p 597 A83-41948

Low cost antenna pointing system --- with computerized control for transmission from aircraft to satellite p 651 A83-42575

POLAR METEOROLOGY

Arctic haze and the Arctic gas and aerosol sampling program /AGASP/ [AIAA PAPER 83-0439] p 188 A83-16714

POLARIMETRY

Polarimetric techniques in radar signal processing p 639 A83-40758

POLARIZATION CHARACTERISTICS

New advances in wide band dual polarization antenna elements for EW applications p 430 A83-35087

Polarization null characteristics of simple targets [AD-A129303] p 765 N83-36312

POLICIES

Concepts for a future joint airlift development program [AIAA PAPER 83-1591] p 429 A83-36951

Advisory circular Certification of transport category rotorcraft [FAA-AC-29-2] p 721 N83-36011

POLLUTION

Pollutant formation in monodisperse fuel spray combustion p 538 N83-29213

POLLUTION CONTROL

Multifuel evaluation of rich/quench/lean combustor p 59 A83-11492

An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications [AD-A125025] p 471 N83-27034

POLLUTION TRANSPORT

Gas turbine combustor modelling for calculating pollutant emission p 212 A83-23142

POLYAMIDE RESINS

Durability of commercial aircraft and helicopter composite structures p 61 N83-11243

POLYCARBONATES

The effect of loading rates, temperature and moisture on the fracture toughness of polycarbonate p 223 A83-20497

POLYGONS

Analytical control of the shape of the polygons used in the finite-element method p 557 A83-37644

POLYIMIDE RESINS

Polymer matrix composites research at NASA Lewis Research Center p 210 N83-12151

POLYIMIDES

PMR polyimide composites for aerospace applications [NASA-TM-83047] p 178 N83-15364

POLYISOBUTYLENE

The effect of additives on the aerosolization of JP-5 jet fuel [AD-A119324] p 178 N83-14294

Characterization and degradation studies on synthetic polymers for aerospace application [NASA-CR-172996] p 698 N83-33014

POLYMER CHEMISTRY

A vortex venturi for reverting antimisting fuel properties [ASME PAPER 83-GT-137] p 741 A83-47964

Polymer materials research at NASA Ames Research Center p 210 N83-12150

Polymer matrix composites research at NASA Lewis Research Center p 210 N83-12151

Degradation and characterization of antimisting kerosene (AMK) [MED-132] p 297 N83-19922

POLYMER MATRIX COMPOSITES

The ULS experimental ultralight glider made of polymer composites I - Genesis of the program and construction of the glider p 189 A83-14621

POLYMER PHYSICS

Aeronautics research and technology program and specific objectives [NASA-TM-85163] p 176 N83-13059

POLYMERIZATION

PMR polyimide composites for aerospace applications [NASA-TM-83047] p 178 N83-15364

Polymer concrete patching manual [PB83-180265] p 647 N83-31912

POLYTETRAFLUOROETHYLENE

Effects of amplitude of oscillation on the wear of dry bearings containing PTFE [ASME PAPER 81-LUB-6] p 64 A83-11942

POLYURETHANE FOAM

Thermal performance of aircraft polyurethane seat cushions p 294 A83-23849

Optimization of fire blocking layers for aircraft seating [SAWE PAPER 1468] p 585 A83-43742

Polyurethane foams for aircraft shock mounts 4 Other polyols [AD-A119399] p 178 N83-14287

POLYURETHANE RESINS

Aircraft surface coatings study Verification of selected materials [NASA-CR-159288] p 61 N83-11331

PONDS

Suppression of ice fog from the Fort Wainwright, Alaska, cooling pond [AD-A123069] p 409 N83-24073

POPULATIONS

Airport community soundproofing and relocation study [PB82-259144] p 220 N83-16358

POROSITY

Preliminary study on variable porosity walls for a transonic wind tunnel p 57 N83-11037

Three-dimensional wall corrections for ventilated wind tunnels p 348 N83-20965

Adhesive layer thickness and porosity criteria for bonded joints [AD-A129817] p 759 N83-36227

POROUS MATERIALS

A method of predicting flow rates required to achieve anti-icing performance with a porous leading edge ice protection system [NASA-CR-168213] p 668 N83-32782

POROUS PLATES

Enhancement of heat transfer p 642 A83-42659

## SUBJECT INDEX

### POROUS WALLS

The technology of adaptive wind-tunnel walls  
p 752 A83-47226

### PORTABLE EQUIPMENT

Tactical three-dimensional air surveillance radar  
p 17 A83-10259  
Evaluation of methods for rapid determination of freezing point of aviation fuels  
[NASA-CR-167981] p 60 N83-10207

### PORTUGAL

Air traffic services in Portugal p 325 N83-22182  
Air traffic services in Portugal Civil-military coordination aspects p 325 N83-22183

### POSITION (LOCATION)

A procedure for the utilization of the signals of a DME transponder to determine the position of an aircraft from the ground p 26 A83-13016  
Search and rescue locator beacons - The British concept p 183 A83-15418  
Self-adaptive filters for the integration of navigation data p 268 A83-23374  
VOR area navigation - Techniques and results p 323 A83-29205  
Radionavigation - Radiolocation --- Book p 590 A83-41528  
Improved system reliability through master independent operation --- for Loran C p 672 A83-46956  
Flight test investigation of area calibrated LORAN-C for en route navigation in the Gulf of Mexico  
[FAA-RD-82-7] p 186 N83-12059  
Instrument landing system localizer vector field monitor development  
[FAA-RD-82-62] p 188 N83-13087  
Loran-C en route accuracies in the central Appalachian region  
[FAA-RD-82-24] p 147 N83-15274  
A microcomputer-based position updating system for general aviation utilizing Loran-C  
[NASA-CR-169722] p 148 N83-15277  
Time scheduling of a mix of 4D equipped and unequipped aircraft  
[NASA-TM-84327] p 250 N83-19721  
Precision navigational filmstrips for use in DOD aircraft  
[AD-A124761] p 432 N83-25888  
Application of additional secondary factors to LORAN-C positions for hydrographic operations  
[AD-A125620] p 514 N83-27972  
Positioning of jamming aircraft using the integrated refractive effects prediction system  
[AD-A125644] p 560 N83-28308  
Interfacing the ROLM 1602B for the Metro navigation system  
[NLR-MP-81062 U] p 674 N83-32786

### POSITION ERRORS

Gravity modeling for airborne applications p 17 A83-11090  
Navstar equipments accuracy compared with experimental results p 255 A83-24861  
Experiments of Omega for aviation p 255 A83-24862  
Application of multiple model estimation to a recursive terrain height correlation system p 257 A83-26264  
Flight testing the Low Cost Inertial Guidance System p 324 A83-29210  
Airspeed calibrations on a stretch YC-141B aircraft p 387 A83-32931  
A theoretical framework for analysis of lateral position errors in VOR jet-route systems p 431 A83-35273  
Post-flight compensation for a master navigator error p 673 A83-46966  
Comparison of simple position resets and Kalman filter position updates for correcting inertial navigation system errors p 673 A83-46967  
Differential operation of NAVSTAR GPS p 673 A83-46968  
GPS navigation using three satellites and a precise clock p 673 A83-46970  
GPS user errors resulting from one 'bad' satellite in the navigation solution p 674 A83-46971  
Loran-C en route accuracies in the central Appalachian region  
[FAA-RD-82-24] p 147 N83-15274

### POSITION INDICATORS

Measuring target position with the FUCAS phased-array radar system  
[PHL-1982-64] p 560 N83-28317

### POSITIONING

A new design of an accurate positioning system at 2 MHz p 253 A83-24375  
An algorithm to select element locations of an adaptive array  
[AD-A120486] p 188 N83-15570

### POSTFLIGHT ANALYSIS

An integrated multisensor aircraft track recovery system for remote sensing p 257 A83-26266

Applications of state estimation in aircraft flight-data analysis

[AIAA PAPER 83-2087] p 596 A83-41919  
Post-flight compensation for a master navigator error p 673 A83-46966

### POTENTIAL FLOW

Load distribution on deformed wings in supersonic flow p 6 A83-10180  
A transonic analysis of propfan slipstream effect on a supercritical wing  
[AIAA PAPER 83-0186] p 132 A83-16577  
A multi-grid method for the computation of viscous/inviscid interactions on airfoils  
[AIAA PAPER 83-0234] p 132 A83-16602  
The design of a human-powered vehicle  
[AIAA PAPER 83-0649] p 180 A83-16816  
Aerosound from corner flow and flap flow  
[AIAA PAPER 81-2039] p 237 A83-19813  
On the application of linearized theory to multi-element airfoils 1 Tandem flat plate airfoils p 312 A83-27874  
A more accurate transonic computational method for wing-body configurations p 375 A83-32982  
Progress toward the analysis of complex propulsion installation flow phenomenon  
[AIAA PAPER 83-1367] p 421 A83-36363  
Correction to the wing source velocity error in Woodward's USSAERO code p 423 A83-36920  
Finite-difference simulation of transonic separated flow using a full potential boundary layer interaction approach  
[AIAA PAPER 83-1689] p 555 A83-37189  
PAN AIR modeling studies --- higher order panel method for aircraft design p 498 A83-38660  
An experience in mesh generation for three-dimensional calculation of potential flow around a rotating propeller p 501 A83-38798  
A conservative type-dependent full potential method for the treatment of supersonic flows with embedded subsonic regions  
[AIAA PAPER 83-1887] p 502 A83-39356  
Solution of the Euler equations for complex configurations p 503 A83-39381  
Finite volume calculation of three-dimensional potential flow around a propeller p 660 A83-45577  
Considerations of the vorticity fields on wings p 661 A83-46465  
Calculation of potential flow about arbitrary three dimensional wings using internal singularity distributions p 715 A83-48143  
Wind tunnel tests of a zero length, slotted-lip engine air inlet for a fixed nacelle V/STOL aircraft  
[NASA-TM-82939] p 9 N83-10019  
Evaluation Report AGARD Fluid Dynamics Panel Symposium on Fluid Dynamics of Jets with Application to V/STOL p 67 N83-10403  
Recent experiences with three-dimensional transonic potential flow calculations  
[NASA TM-78733] p 12 N83-11072  
Subsonic balance and pressure investigation of a 60 deg delta wing with leading edge devices  
[NASA-CR-165923] p 246 N83-19714  
Helicopter rotor loads using discretized matched asymptotic expansions p 423 N83-25658  
[NASA-CR-166092] p 423 N83-25658  
Helicopter rotor loads using matched asymptotic expansions User's manual p 423 N83-25659  
[NASA-CR-166093] p 423 N83-25659  
Free wake aerodynamic analysis of helicopter rotors  
[AD-A129710] p 718 N83-36007

### POTENTIAL THEORY

Large-scale vortex-lattice model for the locally separated flow over wings p 177 A83-13127  
Optimization of the supersonic drag of a smooth wing by use of linearized potential theory --- French thesis p 188 A83-20400  
Theoretical and experimental investigations involving plane turbine cascades with sweep and dihedral --- German thesis p 578 A83-41806

### POWDER (PARTICLES)

A powder-injection shock tube facility p 290 A83-26132  
Powder pack protection for aircraft dry bays p 585 A83-42558

### POWDER METALLURGY

The relationship between structure, properties and processing in powder metallurgy superalloys p 224 A83-21493  
Titanium powder metallurgy components for advanced aerospace applications  
[AIAA 83-0982] p 351 A83-29789  
Powder metallurgy of titanium alloys --- Book p 403 A83-32599

## POWERED LIFT AIRCRAFT

Investigation of the fatigue and crack propagation properties of X7091-T7E69 extrusion p 550 A83-37836

New metal technologies in airframe construction p 557 A83-37861

Advanced Materials Technology  
[NASA-CP-2251] p 210 N83-12147  
Powder metallurgy Rene 95 rotating turbine engine parts, volume 2 p 178 N83-15412  
[NASA-CR-165141] p 178 N83-15412  
Lightweight materials for rolling elements in aircraft bearings p 184 N83-15510

### POWDERED ALUMINUM

Advanced powder metallurgy aluminum alloys and composites p 210 N83-12156

### POWER CONDITIONING

Aircraft power management control system designed for fast response and high reliability p 40 A83-11151  
Integrated electrical power and avionics control system p 40 A83-11205  
Electric power supply of aircraft --- Russian book p 199 A83-14115  
The 60-Hz to 400-Hz electrical power conversion  
[AD-A122040] p 302 N83-20007  
Flight-systems safety program  
[DE83-001916] p 653 N83-32575

### POWER EFFICIENCY

Features of the selection of the basic parameters of cooled GTE turbines p 211 A83-22655  
A system of criteria for evaluating the energy efficiency of an engine at the state of technical proposals p 273 A83-23437  
FAA approved S-76A in-flight power assurance and trending procedure p 277 A83-24830  
Transient performance of permanent magnet synchronous motors p 353 A83-27189  
On the question of calculating the pressurization start-up regimes of a gas-turbine plant p 406 A83-32651  
Vector thrust afterbody nozzles for future combat aircraft p 448 A83-35859  
The aerodynamic design and performance of the General Electric/NASA EEE fan --- Energy Efficient Engine  
[AIAA PAPER 83-1160] p 451 A83-36252  
Concepts for increased power and enhanced fuel conservation with newly patented multiple power-cycle gas turbine engines p 452 A83-36282  
[AIAA PAPER 83-1209] p 452 A83-36282  
An update on high output lightweight diesel engines for aircraft applications p 458 A83-36925  
[AIAA PAPER 83-1339] p 458 A83-36925  
Re-engining applications of T56 derivative engines  
[SAE PAPER 821444] p 518 A83-37992  
Wind tunnel demonstration of an optimized LTA system with 65 percent power reduction and neutral static stability p 522 A83-38910  
[AIAA PAPER 83-1981] p 522 A83-38910  
The feasibility of water injection into the turbine coolant to permit gas turbine contingency power for helicopter application  
[ASME PAPER 83-GT-66] p 536 A83-39993  
Engine power simulation for transonic flow-through nacelles p 660 A83-45594  
Recent advances in the performance of high bypass ratio fans p 203 N83-13107  
[PNR-90120] p 203 N83-13107  
An evaluation of engine performance assessment procedures for the Lycoming T53 engine as installed in the Iroquois helicopter p 282 N83-18728  
[ARL-MECH-ENG-NOTE-387] p 282 N83-18728  
Advantage of resonant power conversion in aerospace applications p 536 N83-27994  
[NASA-TM-83399] p 536 N83-27994  
Approximate parametric method for propeller thrust estimation p 664 N83-32769  
[ESDU-83001] p 664 N83-32769

### POWER SPECTRA

Preliminary rotor wake measurements with a laser velocimeter  
[NASA-TM-83246] p 301 N83-19018

### POWER SUPPLIES

Modular Airborne Remote Sampling and Sensing System (MARSSS)  
[DE82-014657] p 361 N83-21495  
Advantage of resonant power conversion in aerospace applications p 536 N83-27994  
[NASA-TM-83399] p 536 N83-27994

### POWERED LIFT AIRCRAFT

Circulation controlled STOL wing optimization  
[AIAA PAPER 83-0082] p 130 A83-16509  
QCSEE under-the-wing engine-wing-flap aerodynamic profile characteristics  
[NASA-TM-82890] p 201 N83-12092  
The quiet short-haul research aircraft p 268 N83-20832

A flight test evaluation and analytical study of the Ball-Bartoe jetwing propulsive lift concept without ejector  
[AD-A121733] p 332 N83-20938

**PRECEDENCE**

Experimental and analytical studies of a true airspeed sensor  
[NASA-CR-165704] p 530 N83-27989

**PRECIPITATION (METEOROLOGY)**

Estimation of turbulence severity in precipitation environments by radar p 360 A83-27044  
The effects of precipitation static and lightning on the airborne reception of Loran-C Volume 1 Analysis [DOT/FAA/RD-82/45-1] p 217 N83-12289  
Adaptively pointing spaceborne radar for precipitation measurements p 410 N83-25315  
The outlook for precipitation measurements from space p 410 N83-25316

**PRECIPITATION HARDENING**

Ni-base MC-carbide reinforced eutectic alloys for jet engine application p 691 A83-44061  
Coarsening and sintering of precipitates in superalloys [NLR-TR-81114-U] p 404 N83-23422

**PRECIPITATION PARTICLE MEASUREMENT**

Aircraft observations of large scale cloud systems [AD-A122515] p 767 A83-49698

**PRECOOLING**

Practical problems of design and manufacture of a 2-D model and of the device for its cooling and introduction into the T2 pressurized cryogenic intermittent tunnel [ONERA, TP NO 1982-88] p 206 A83-14540  
Problems involved by the instrumentation and the conception of cryogenic tests p 465 N83-25725

**PREDICTION ANALYSIS TECHNIQUES**

A technique for predicting antenna-to-antenna isolation and electromagnetic compatibility for aircraft p 22 A83-11235

New threat simulator /NETS/ a multi-sensor R & D tool for EW development p 56 A83-11238  
Numerical prediction of choking flutter of axial compressor blades [AIAA PAPER 83-0006] p 160 A83-16458

Evaluation of missile aerodynamic characteristics for diversified configurations using rapid prediction techniques [AIAA PAPER 83-0180] p 131 A83-16573  
Spin prediction techniques p 169 A83-18401  
Development of the basic methods needed to predict helicopters' aerodynamic behaviour [ONERA, TP NO 1982-75] p 232 A83-23248

Turbine blade nonlinear structural and life analysis p 337 A83-29024  
Prediction of turbulent flows - A Boeing view p 373 A83-30643

New thermal and trajectory model for high-altitude balloons p 386 A83-32579  
Residual life prediction for jet engine rotor disks at elevated temperature p 472 A83-33974  
A unified approach to turbine blade life prediction [SAE PAPER 821439] p 533 A83-37987

An airbody drag prediction technique for military airlifters [AIAA PAPER 83-1787] p 496 A83-38627  
Blade loss transient dynamic analysis of turbomachinery p 612 A83-40864

Present status of flying qualities criteria for conventional aircraft --- military specifications transfer functions p 48 N83-10055  
Improved methods for predicting spectrum loading effects Volume 1 Technical summary [AD-A118295] p 68 N83-11521

Application of Zimmerman flutter-margin criterion to a wind tunnel model [NASA-TM-84545] p 192 N83-12070  
Improved methods for predicting spectrum loading effects Volume 1 Technical summary [AD-A118556] p 193 N83-12077

Improved methods for predicting spectrum loading effects Volume 2 Test data [AD-A118557] p 193 N83-12078  
A general program for predicting rigid-aircraft gust response [ARL/AERO-NOTE-407] p 203 N83-12097

A model for prediction bird and ice impact loads on structures [AD-A119408] p 184 N83-14543  
Prediction of Aerodynamic Loads on Rotorcraft --- helicopter and wind turbine rotors [AD-A124260] p 188 N83-17470

Prediction and experimental verification of the velocity fields of a rotor during hovering p 193 N83-17477  
Review of rotor loads prediction methods p 194 N83-17484

Advanced theoretical treatments of propeller aerodynamics p 244 N83-18654

**Advanced theoretical treatment of propeller noise**

p 308 N83-18655

An experimental and theoretical investigation of the reduction in parachute drag caused by forebody wake effects Data compilation and program summary [DE83-005364] p 378 N83-24486

Technical evaluation report on the Fluid Dynamics Panel Specialists' Meeting on Prediction of Aerodynamic Loads on Rotorcraft [AGARD-AR-189] p 426 N83-25682

Flutter prediction in forward-swept wings by assumed modes and strip theory [AD-A124715] p 461 N83-25719

Analysis of progressive collapse of complex structures [AD-A125266] p 478 N83-27260

Aerodynamic model identification from dynamic flight test data and wind tunnel experiments [VTH-LR-361] p 505 N83-27967

A survey of inlet/engine distortion compatibility [NASA-TM-83421] p 536 N83-27991

Experimental and analytical studies of shielding concepts for point sources and jet noise [UTIAS-266] p 571 N83-28983

Predicted and flight test results of the performance and stability and control of the space shuttle from reentry to landing p 634 N83-30360

Synthesis of responses to AGARD-FMP questionnaire on "prediction techniques and flight correlation" p 581 N83-30384

An evaluation of SARP (search and rescue planning system) drift predictions using satellite-tracked drift-buoys [AD-A127987] p 589 N83-31588

Effect of trailing-edge flaps on sideforce and yawing moment derivatives due to sideslip, (Y sub v) sub f and (N sub v) sub f Amendment A [ESDU-81013-AMEND-A] p 663 N83-32755

A method of predicting flow rates required to achieve anti-icing performance with a porous leading edge ice protection system [NASA-CR-168213] p 668 N83-32782

The analysis of load-time histories by means of counting methods --- helicopter performance prediction [NLR-MP-82039-U] p 679 N83-32799

Lifetime prediction methods for corner cracks at holes --- in airframe components [NLR-MP-82042-U] p 700 N83-33233

The effect of the Reynolds number on turbomachines --- turbocompressors p 687 N83-34838

**PREDICTIONS**

An evaluation of the pavement condition index prediction model for rigid airfield pavements [AD-A123002] p 402 N83-24524

Jet scaling effects in a USB propulsive lift configuration p 662 N83-32744  
Theoretical and experimental investigation of supersonic aerodynamic characteristics of a twin-fuselage concept [NASA-TP-2164] p 665 N83-32776

On the prediction of the lateral/directional characteristics of distributed jet STOL configurations [AD-A128902] p 688 N83-33905

Behaviour of Short Cracks in Airframe Components [AGARD-CP-328] p 700 N83-34095

**PREFLIGHT OPERATIONS**

B-52 operations in the Bright Star 82 exercise p 317 A83-29204

**PREMIXED FLAMES**

Semi implicit calculation method of the flow field in a duct with the flame stabilized by a step --- for aircraft engine combustion chamber design [ONERA, TP NO 1983-52] p 446 A83-35820

Mixing and fuel atomisation effects on premixed combustion performance [ASME PAPER 83-GT-55] p 738 A83-47911

Emissions from enclosed swirl stabilised premixed flames [ASME PAPER 83-GT-192] p 742 A83-47998

**PREMIXING**

Combustion Fundamentals Research [NASA-CP-2268] p 537 N83-29208

Analytical modeling of operating characteristics of premixing-prevaporizing fuel-air mixing passages p 537 N83-29209

Pollutant formation in monodisperse fuel spray combustion p 538 N83-29213

**PREPREGS**

Plastic tooling for advanced composites p 222 A83-20481

Application of Fourier transform infrared spectroscopy for quality control analysis of epoxy resin prepregs used in helicopter rotor blades p 61 N83-11232

Advanced manufacturing development of a composite empennage component for L-1011 aircraft [NASA-CR-172659] p 440 N83-25693

**PRESIDENTIAL REPORTS**

Aeronautical research and technology policy, volume 2 p 372 N83-23268

**PRESSURE DISTRIBUTION**

Pressure distribution on a simple delta wing p 8 A83-13023

Calculated and experimental stress distributions in a ribbon parachute canopy p 181 A83-13168  
Interaction of fan rotor flow with downstream struts [AIAA PAPER 83-0882] p 279 A83-25912

Transonic pressure distributions on a rectangular supercritical wing oscillating in pitch [AIAA 83-0923] p 313 A83-29849

Flight test and predicted pressure data comparison on aircraft modifications p 387 A83-32932

Variation of rotor blade vibration due to interaction of inlet and outlet distortion p 450 A83-35882

Improved numerical method for unsteady lifting surfaces in incompressible flow p 422 A83-36917

Use of the panel method to calculate the distributed aerodynamic characteristics of a wing with pylon and nacelle at low speeds p 493 A83-37520

Wind tunnel measurements of the Magnus induced surface pressures on a spinning projectile in the transonic speed regime [AIAA PAPER 83-1838] p 499 A83-38667

Surface pressures induced on a flat plate with in-line and side-by-side dual jet configurations [AIAA PAPER 83-1849] p 500 A83-38677

Design of transonic shock-free airfoil p 660 A83-44572  
Unsteady airloads on supercritical wings p 717 A83-49179

Comparison of analytical and experimental subsonic steady and unsteady pressure distributions for a high-aspect-ratio-supercritical wing model with oscillating control surfaces [NASA-TM-84490] p 9 N83-10017

Wind-tunnel measurements of the chordwise pressure distribution and profile drag of a research airplane model incorporating a 17-percent-thick supercritical wing [NASA-TM-X-2760] p 5 N83-11027

An interferometric investigation of the near design point flow over supercritical aerofoil BGK-1 [ARL/AERO-NOTE-405] p 10 N83-11057

Tabulated pressure measurements on an executive-type jet transport model with a supercritical wing [NASA-TM-X-72701] p 11 N83-11069

Application of a supercritical wing to an executive-type jet transport model [NASA-TM-X-3251] p 13 N83-11082

The influence of blade tip geometry on the unsteady pressure distribution of a rotor blade Part 1 Rectangular tip [DFVLR-FB-82-11] p 14 N83-11091

A unique flight test facility Description and results [NASA-TM-84900] p 208 N83-13124

Dameus rotor aerodynamics --- wind turbines [DE82-003495] p 138 N83-15271

Wind tunnel force and pressure tests [NASA-CR-3439] p 190 N83-16287

Finite difference calculation of an inviscid transonic flow over oscillating airfoils [RAE-TRANS-2087] p 191 N83-16292

A study of the flow around a slotted flap end [BU-279] p 192 N83-16306

The aerodynamic performance of several flow control devices for internal flow systems [NASA-TP-1972] p 221 N83-17560

Pressure investigation of NASA leading edge vortex flaps on a 60 deg Delta wing [NASA-CR-169984] p 244 N83-18672

A study of aerodynamic characteristics of wing-body combinations Part 1 Case of a mid-wing airplane [NAL-TR-729-PT-1] p 245 N83-18675

Numerical simulation of transonic flutter of a supercritical wing [NAL-TR-726T] p 288 N83-18743

Comparison of computed and measured unsteady pressure fields of a supercritical wing p 314 N83-20903

A method for determining wall-interference corrections in solid-wall tunnels from measurements of static pressure at the walls p 347 N83-20958

Aeroelastic loads prediction for an arrow wing Task 2 Evaluation of semi-empirical methods [NASA-CR-3641] p 316 N83-22164

Analysis of unswept and swept wing chordwise pressure data from an oscillating NACA 0012 airfoil experiment. Volume 1 Technical Report [NASA-CR-3567] p 316 N83-22165

Labyrinth seal forces on a whirling rotor [NASA-CR-168016] p 339 N83-22198

- An experimental investigation of the influence from controls on supersonic axisymmetric flow over afterbodies with a centered propulsive jet  
[FFA-TN-1982-50] p 377 N83-23280
- Acoustical modal analysis of the pressure field in the tailpipe of a turbofan engine  
[NASA-TM-83387] p 412 N83-25499
- Force and pressure measurements on a research model with a low-, mid- and T-tail at Mach numbers of 0.60 to 0.90 Volume 2 Tabulated data  
[AD-A124068] p 425 N83-25676
- Application of the vortex-lattice method to propeller performance analysis  
[AD-A124837] p 459 N83-26840
- Effects of flow separation and cove leakage on pressure and heat transfer distributions along a wing-cove-elevon configuration at Mach 6 --- Langley 8-ft high temperature tunnel test  
[NASA-TP-2127] p 561 N83-28376
- Subsonic panel method for designing wing surfaces from pressure distribution  
[NASA-CR-3713] p 528 N83-29198
- Nacelle Aerodynamic and Inertial Loads (NAIL) project  
[NASA-CR-168712] p 605 N83-30402
- Convergence behavior that controls adaptive wind tunnel walls near the test section in the high angle of attack range  
[NASA-TM-77006] p 631 N83-30439
- New considerations on scale extrapolation of wing pressure distributions affected by transonic shock induced separations  
[NASA-CR-166426] p 608 N83-31597
- Experimental investigation of interferences of top and bottom slotted walls and the effects of sidewalls in a transonic airfoil wind tunnel  
p 690 N83-32729
- Tests for inlet distortion in a two-spool turbojet engine on the ground test bed  
p 683 N83-32733
- Linearized two-dimensional oscillatory airforce coefficients and load distributions on thin aerofoils in subsonic flow  
[ESDU-81034] p 664 N83-32761
- Strong winds in the atmosphere boundary layer Part 1 Mean hourly wind speeds --- wind loads on buildings and structures  
[ESDU-82026-AMEND-A] p 700 N83-33209
- Linearized potential solution for an airfoil in nonuniform parallel streams  
[NASA-CR-173047] p 665 N83-33843
- PRESSURE DRAG**  
Support-sling interference on boattail pressure drag for Reynolds numbers up to 70 x 10 to the 6th  
[AIAA PAPER 83-0387] p 172 A83-16687
- PRESSURE DROP**  
Determination of full pressure losses in stepped annular diffusers with rectilinear outer walls and a uniform velocity field at the inlet  
p 613 A83-42130
- Pressure loss and heat transfer through multiple rows of short pin fins  
p 642 A83-42709
- A theoretical study of the nonstationary combustion of a gasifiable solid fuel during a pressure drop  
p 758 A83-49763
- PRESSURE EFFECTS**  
A new, diaphragmless, flexible, luminous shock tube  
p 290 A83-26131
- Simulation of T-38 aircraft student canopy response to cockpit pressure and thermal loads using MAGMA -- Maternally and Geometrically Nonlinear Analysis  
[AIAA 83-0942] p 328 A83-29772
- Experimental investigation of the effects of wall suction and blowing on the performance of highly offset diffusers  
[AIAA PAPER 83-1169] p 423 A83-36922
- Influence of atomizer design features on mean drop size  
p 612 A83-40865
- The response of a compressor to a periodic pressure variation in the output region  
[ONERA, TP NO 1983-29] p 683 A83-44308
- Laboratory evaluation of an airborne ozone instrument that compensates for altitude/sensitivity effects  
p 681 A83-45618
- PRESSURE GRADIENTS**  
Fluctuating pressure measurements on the fan blades of a turbofan engine during ground and flight tests  
[AIAA PAPER 83-0679] p 279 A83-25911
- The effect of supercritical pressure gradients on heat transfer in turbine nozzle cascades  
p 614 A83-42140
- Experimentation with turbulent flows experiencing the effects of an adverse pressure gradient  
[ONERA, TP NO 1983-38] p 659 A83-44314
- PRESSURE MEASUREMENT**  
Advanced multiple output air data sensor for angle of attack, pitot and static pressure measurements  
p 34 A83-11098
- Turbofan engine blade pressure and acoustic radiation at simulated forward speed  
p 274 A83-24026
- Fluctuating pressure measurements on the fan blades of a turbofan engine during ground and flight tests  
[AIAA PAPER 83-0679] p 279 A83-25911
- The swirl in an S-duct of typical air intake proportions  
p 418 A83-35620
- Aircraft engine inlet pressure distortion testing in a ground test facility  
[AIAA PAPER 83-1233] p 453 A83-36296
- The use of pressure fluctuations on the nose of an aircraft for measuring air motion  
p 566 A83-39118
- On-board weight and center-of-gravity measurement system with tire-pressure monitoring  
p 725 A83-47216
- Aerodynamic characteristics of the AFFTC noseboom instrumentation unit, volume 1  
[AD-A118315] p 14 N83-11089
- Measurement techniques in turbomachines, ultrathin transducers applied to measurements in turbomachines  
p 216 N83-12273
- Blade pressure measurements  
p 216 N83-12275
- LANN wing design  
p 291 N83-18755
- NTF model pressure measurements  
p 292 N83-18768
- On the use of adaptive walls for transonic wind tunnel testing  
p 348 N83-20969
- Pressures measured in flight on the aft fuselage and external nozzle of a twin-jet fighter  
[NASA-TP-2017] p 424 N83-25665
- Force and pressure measurements on a research model with a low-, mid- and T tail at Mach numbers of 0.60 to 0.90 Volume 1 Summary report  
[AD-A124067] p 504 N83-27962
- PRESSURE OSCILLATIONS**  
Acoustic environment in large enclosures with a small opening exposed to flow  
p 237 A83-22161
- Response of a supersonic inlet to downstream perturbations  
[AIAA PAPER 83-2017] p 422 A83-36403
- The response of a compressor to a periodic pressure variation in the output region  
[ONERA, TP NO 1983-29] p 683 A83-44308
- Acoustic environment on the surface of a large-scale powered model of a vectored-engine-over-the-wing STOL configuration  
p 73 N83-10272
- Linear theory of pressure oscillations in liquid fueled ramjet engines  
p 685 N83-33886
- PRESSURE PULSES**  
Analysis of missile response to gunfire environment --- vibration and shock effects on captive-carry configuration aboard aircraft  
p 384 A83-31495
- The measurement of pressure pulsations by means of piezoelectric transducers  
p 640 A83-41891
- Analysis of the effects of explosive fuel ignition on an aircraft noise suppressor system  
p 43 N83-10247
- Analytical modeling of transport aircraft crash scenarios to obtain floor pulses  
[NASA-CR-166089] p 381 N83-24488
- PRESSURE RATIO**  
Experimental results of a deflected thrust V/STOL nozzle research program  
[AIAA PAPER 83-0170] p 579 A83-42100
- Performance of a tandem-rotor/tandem stator conical-flow compressor designed for a pressure ratio of 3  
[NASA-TP-2034] p 10 N83-11058
- Experimental results of a deflected thrust V/STOL nozzle research program  
[NASA-TM-83069] p 423 N83-25657
- PRESSURE RECOVERY**  
A simple method for designing optimum annular diffusers  
[ASME PAPER 83-GT-42] p 737 A83-47902
- A preliminary study of annular diffusers with constant diameter outer walls (suitable for turbine exits)  
[ASME PAPER 83-GT-218] p 744 A83-48018
- Pressure recovery of axisymmetric intakes at subsonic speeds  
[ESDU-80037] p 663 N83-32753
- PRESSURE REDUCTION**  
Calculation of pressure losses in the diffusers of mixing afterburners  
p 273 A83-23445
- An experimental study of dynamic stall on advanced airfoil section Volume 2 Pressure and force data  
[NASA-TM-84245-VOL 2] p 179 N83-12048
- Experimental investigation of a two-dimensional shock turbulent boundary layer interaction with bleed  
[NASA-TM-83057] p 339 N83-22200
- Advanced manufacturing development of a composite empennage component for L-1011 aircraft  
[NASA-CR 172658] p 440 N83-25692
- PRESSURE SENSORS**  
Advanced multiple output air data sensor for angle of attack, pitot and static pressure measurements  
p 34 A83-11098
- Secondary air data measurement technology --- pressure transducers for RPVs, drones, cruise missiles and fighter backup systems  
p 36 A83-11261
- Study of fan noise sources through thin film pressure transducers  
p 41 A83-12350
- Comparison between probe and laser measurements at the outlet of a centrifugal impeller  
p 299 A83-26418
- Seven-hole cone probes for high angle flow measurement Theory and calibration  
p 474 A83-36085
- The development of quartz-membrane pressure transducers at the Aeronautical Research and Test Institute  
p 644 A83-43815
- Blade pressure measurements  
p 216 N83-12275
- Slidestip indication system  
p 210 N83-17466
- NTF model pressure measurements  
p 292 N83-18768
- Farfield inflight measurement of high-speed turboprop noise  
[NASA-TM-83327] p 367 N83-21895
- Digital pressure sensor for altimeters, rate-of-climb and air speed indicators in aircrafts  
[BMFT-FB-W-82-033] p 391 N83-23304
- Problems involved by the instrumentation and the conception of cryogenic tests  
p 465 N83-25725
- PRESSURE VESSELS**  
Progress in the practical applications of fracture mechanics  
p 230 A83-21796
- PRESSURIZED CABINS**  
In-flight aircraft seat fire extinguishing tests (cabin hazard measurements)  
[FAA-CT 82-111] p 197 N83-16308
- PRESTRESSING**  
Flutter A finite element program for aerodynamic instability analysis of general shells of revolution with thermal prestress  
[NASA CR-170013] p 288 N83-19756
- PREVAPORIZATION**  
Increasing the combustion efficiency of fuel in an air-heating chamber operating on a prevaporized fuel  
p 614 A83-42151
- PRIMERS (COATINGS)**  
The effect of primer-adhesive compatibility on adhesive peel strength at low temperature  
p 222 A83-20448
- PRIMERS (EXPLOSIVES)**  
Design and development of Cartridge Actuated Device /CAD/ primer  
p 209 A83-15433
- PRINTED CIRCUITS**  
Effective electromagnetic shielding in multilayer printed circuit boards  
p 215 A83-16122
- The cooling of printed circuit board mounted components using copper ladder heat conduction to a cold wall  
[RAE-TR-82092] p 560 N83-28326
- PRISMS**  
Problems concerning supersonic flow past bodies of prismatic configurations  
p 179 A83-16394
- PROBABILITY DISTRIBUTION FUNCTIONS**  
Image generation on matrix displays  
p 611 N83-30418
- A combat aircraft availability assessment technique  
[ISBN-0 902937-80-4] p 658 N83-32708
- PROBABILITY THEORY**  
Conflict monitoring analysis of parallel opposite direction routes, volume 1  
[AD-A120080] p 148 N83-15279
- PROBLEM SOLVING**  
A qualitative analysis of SAC aircraft maintenance  
[AD-A122815] p 311 N83-20908
- PROCEEDINGS**  
Three Dimensional Displays Perceptual Research and Applications to Military Systems  
[AD-A122577] p 309 N83-20692
- PROCESS CONTROL (INDUSTRY)**  
Design of error-actuated controllers for multivariable plants with unknown dynamics and unmeasurable outputs --- for automatic control of industrial processes and gas turbine engines  
p 163 A83-19385
- A sensible approach to process control of adhesive bonding  
p 185 A83-20432
- Microeconomic models for process development  
p 472 A83-33650
- Automation of the thermal spray process  
[SAE PAPER 820610] p 696 A83-45868
- Advanced powder metallurgy aluminum alloys and composites  
p 210 N83-12156
- Effects of manufacturing processes on structural allowables  
[AD-A122963] p 404 N83-23426
- PROCESSING**  
An exploratory research and development program leading to specifications for aviation turbine fuel from whole crude shale oil Part 4 Production of samples of military fuels from raw shale oils  
[AD-A117526] p 60 N83-10211

PROCUREMENT

Airframe RDT&E cost estimating - A justification for and development of unique cost estimating relationships according to aircraft type  
[AD-A123848] p 417 N83-25656

PROCUREMENT MANAGEMENT

Towards the starship Enterprise - Are the current trends in defence unit costs inexorable? p 413 A83-31923  
A comparison of Navy and contractor gas turbine acquisition cost  
[ASME PAPER 83-GT-198] p 743 A83-48001  
The B-1 bomber program - A new start  
[AD-A127523] p 708 N83-34844

PROCUREMENT POLICY

Transducer selection --- for F29 transport aircraft  
[NLR-MP-81028-U] p 198 N83-13099  
Cost analysis of turbine engine warranties  
[AD-A123034] p 394 N83-23313

PRODUCT DEVELOPMENT

An experiment in assessment of flight control software development techniques p 71 A83-11177  
Rolls-Royce engine status report p 41 A83-12933  
Assessment of advanced ejection seat concepts / A progress report/ p 191 A83-15444  
How decisions are made - Major considerations for aircraft programs p 152 A83-18398  
Development trend in general aviation  
[DGLR PAPER 82-026] p 242 A83-24153  
Flight development and certification - How efficient can it be? p 387 A83-32929  
Principal site testing of the F/A-18 at the Naval Air Test Center p 387 A83-32935  
Microeconomic models for process development p 472 A83-33650

A Monte Carlo simulation of the engine development process  
[AIAA PAPER 83-1230] p 452 A83-36294  
Compound cycle turbofan engine  
[AIAA PAPER 83-1338] p 455 A83-36346  
Technology and engine demonstrator programs  
[AIAA PAPER 83-1064] p 457 A83-36464  
The impact of CFD on development test facilities - A National Research Council projection --- computational fluid dynamics p 555 A83-37234  
The application of a liquid-cooled V-8 piston engine to general aviation aircraft  
[SAE PAPER 821446] p 533 A83-37994  
Advanced technology exhaust nozzle development  
[AIAA PAPER 83-1286] p 496 A83-38080  
Aerodynamic development for efficient military cargo transports  
[AIAA PAPER 83-1822] p 520 A83-38654  
Kaman's new directions --- helicopter development p 657 A83-46925

The reaction motors division - Thiokol Chemical Corporation --- management history of aerospace rocket engine products p 755 A83-47330  
[IAF PAPER 83-289]  
Development of controlled diffusion airfoils for multistage compressor application  
[ASME PAPER 83-GT-211] p 715 A83-48012  
Development of double-rotor supercharged turbojet engines in the USSR as seen from models R11 to R29 p 43 N83-11050

Modern wing technology for general aviation aircraft  
Phase 3 Flight testing  
[BMFT-FB-W-82-012] p 33 N83-11121  
Design and construction of a flexible autonomous electronic display device  
[TUBS/FB-80-12-02] p 221 N83-13824  
Development and fabrication of refractory bodies for gas turbine engines  
[BMFT-FB-T-82-138] p 164 N83-14132  
Development of high strength silicon carbide materials for gas turbine applications, phase 2  
[BMFT-FB-T-82-140] p 164 N83-14133  
Advanced Gas Turbine (AGT) power-train system development  
[NASA-CR-167875] p 186 N83-15627  
Composite structural materials  
[NASA-CR-169859] p 226 N83-17597  
Design, development, and flight test of a demonstration advanced avionics system  
[NASA-TM-84323] p 270 N83-18721  
Design, construction and test of an experimental propeller in the power range 750 HP  
[BMFT-FB-W-83-004] p 507 N83-29184  
Scaled centrifugal compressor, collector and running gear program  
[NASA-CR-168167] p 617 N83-30432  
Transactions of the Japan Society for Aeronautical and Space Sciences, Vol 25, No 68  
[ISSN-0549-3811] p 766 N83-36396  
Development of high loading, high efficiency axial flow turbine p 749 N83-36399

PRODUCTION COSTS

Some thoughts on the development of computer-based systems --- airborne equipment design to cost p 37 A83-11807

Developments in the design, analysis, and fabrication of advanced technology transmission elements p 298 A83-24832

Cost factors and approach methodology in selecting structural materials and manufacturing technologies  
[AIAA 83-0791] p 368 A83-29730

Towards the starship Enterprise - Are the current trends in defence unit costs inexorable? p 413 A83-31923

Aircraft production and development schedules  
[AD-A118047] p 6 N83-11056

Development and production cost estimating relationships for aircraft turbine engines  
[AD-A123753] p 459 N83-25714

PRODUCTION ENGINEERING

A production engineers view of advanced composite materials p 59 A83-11800

Fabrication technology for aircraft engines --- Russian book p 185 A83-20381

The relationship between structure, properties and processing in powder metallurgy superalloys p 224 A83-21493

The preparation and properties of mesophase pitch-based carbon fibers p 294 A83-23643

Aviation system technology from the point of view of the aircraft manufacturer  
[DGLR PAPER 82-025] p 242 A83-24152

Reproducible processing and reliable repeatability in carbon fibre composites p 350 A83-29715

Titanium powder metallurgy components for advanced aerospace applications  
[AIAA 83-0982] p 351 A83-29789

Implementation and integration of process planning  
[SAE PAPER 821424] p 557 A83-37981

B-1B manufacturing - Avco modifies prototype processes for production p 491 A83-40333

Process planning at Sikorsky  
[SAE PAPER 820613] p 696 A83-45871

Impact of composites on fighter aircraft II - Composites New look to the aircraft production line p 711 A83-48889

Cost functions for airframe production programs  
[AD-A119788] p 128 N83-14062

Development of high strength silicon carbide materials for gas turbine applications, phase 2  
[BMFT-FB-T-82-140] p 164 N83-14133

The Rene 150 directionally solidified superalloy turbine blades, volume 1  
[NASA-CR-167992] p 338 N83-20946

Development and demonstration of economic production systems in airframe construction p 658 N83-32709

China's Qiang 5 attack aircraft  
[AD-A130117] p 734 N83-36026

PRODUCTION MANAGEMENT

B-1B manufacturing - Rockwell management plan saving costs, time p 490 A83-40331

Application of advanced CAD/CAM procedures in areas other than air transport technology p 759 A83-47189

PRODUCTION PLANNING

Pre-planned product improvement /P3I/ the T64-GE-418 derivative engine p 276 A83-24826

Cost factors and approach methodology in selecting structural materials and manufacturing technologies  
[AIAA 83-0791] p 368 A83-29730

B-1B manufacturing - General Electric F101 production nears p 490 A83-40332

PRODUCTIVITY

Evaluation of the productivity of an automated system for the testing of aircraft engines p 338 A83-29277

The changing airline industry - A report, 1981  
[GAO/CED-82-94] p 139 N83-14075

The effects of the Production Oriented Maintenance Organization (POMO) concept on ADTAC aircraft maintenance productivity and quality  
[AD-A123981] p 416 N83-25655

PROGRAM VERIFICATION (COMPUTERS)

Status of the calibration support of the Navy ATE p 1 A83-10786

A dynamic interface error performance simulation - IV&V for the F-4F OFP --- Independent Verification and Validation for Operational Flight Program p 70 A83-11114

A digital flight control system verification laboratory p 55 A83-11178

Integrated and transferable hardware/software checkout --- of digitally controlled flight systems p 71 A83-11249

NASA low-speed centrifugal compressor for fundamental research  
[AIAA PAPER 83-1351] p 464 A83-36353

Robotic testing for digital systems --- for software in avionics and flight control systems

[SAE PAPER 821422] p 568 A83-37979

An integrated user-oriented laboratory for verification of digital flight control systems Features and capabilities  
[NASA-TM-84276] p 47 N83-10048

Demonstration of an acceptable safety level for digital equipment on board civil transport aircraft p 251 N83-20188

Towards a veritable supervisor program for avionics software p 334 N83-22116

Tornado flight control software validation Methodology and tools p 364 N83-22135

Software verification of a civil avionic AHR system p 364 N83-22138

Validation of software for integration of missiles with aircraft systems p 364 N83-22140

Simulator investigation plan for digital flight controls validation technology  
[NASA-CR-166427] p 345 N83-22214

Models and techniques for evaluating the effectiveness of aircraft computing systems  
[NASA-CR-170229] p 411 N83-24184

Survey of missile simulation and flight mechanics facilities in NATO  
[AD-A128440] p 550 N83-29276

PROGRAMMING LANGUAGES

The first implementation of ATLAS for testing gas turbine engines p 1 A83-10750

PROJECT MANAGEMENT

Techniques for system readiness analysis p 70 A83-11155

How decisions are made - Major considerations for aircraft programs p 152 A83-18398

SAAB-Fairchild 340 - Transatlantic frontrunner p 434 A83-35623

Aircraft Prototype and Technology Demonstrator Symposium, Dayton, OH, March 23, 24, 1983  
Proceedings p 415 A83-36457

B-1B manufacturing - Rockwell management plan saving costs, time p 490 A83-40331

The reaction motors division - Thiokol Chemical Corporation --- management history of aerospace rocket engine products p 755 A83-47330

[IAF PAPER 83-289]  
Impact of advanced air transport technology Part 4  
Financing and program alternatives for advanced high-speed aircraft  
[PB83-110585] p 251 N83-19731

Application of an analytical method to the elaboration of a maintenance program for a new aircraft p 242 N83-20227

The management of a large real-time military avionics project p 335 N83-22144

A life cycle model for avionics systems p 335 N83-22146

National Airspace System Plan  
[GPO-98-029] p 319 N83-22169

PROJECTILES

Angular motion of a spinning projectile with a viscous liquid payload p 544 A83-37067

Wind tunnel measurements of the Magnus induced surface pressures on a spinning projectile in the transonic speed regime  
[AIAA PAPER 83-1838] p 499 A83-38667

PROJECTORS

Target TV projector with dynamic raster shaping for use in dome simulators p 231 A83-22834

PROP-FAN TECHNOLOGY

Advanced turboprop cargo aircraft systems study p 386 A83-32582

Prop-fan powered aircraft - An overview  
[SAE PAPER 820957] p 434 A83-33629

Advanced propfan engine characteristics and technology needs  
[AIAA PAPER 83-1155] p 450 A83-36250

Method for calculating effects of a propfan on aircraft aerodynamics at subsonic speeds  
[AIAA PAPER 83-1216] p 420 A83-36287

Some aspects of Prop-Fan propulsion systems analysis  
[SAE PAPER 821358] p 532 A83-37956

Inlet design for high-speed propfans  
[SAE PAPER 821359] p 495 A83-37957

Cabin noise weight penalty requirements for a high-speed propfan-powered aircraft - A progress report  
[SAE PAPER 821360] p 517 A83-37958

Propulsion system integration configurations for future prop-fan powered aircraft  
[AIAA PAPER 83-1157] p 535 A83-38081

Aeronautical research II p 615 A83-43034

Advanced propfan testbed - 'A progress report'  
[SAE PAPER 1453] p 616 A83-43735

Advanced commercial engines for the 1990's  
[AIAA PAPER 83-2479] p 745 A83-48342



- Technology and benefits of aircraft counter rotation propellers  
[NASA-TM-82983] p 44 N83-11129
- Advanced turboprop propulsion technology  
[SP-03A82] p 281 N83-18659
- The return of the propeller airplane  
[SNIAS-822-111-102] p 389 N83-24501
- Comparison of a propfan/turbofan engine by thermodynamic cycle calculations  
[DFVLR MITT-82-18] p 617 N83-30434
- PROPAGATION MODES**
- Acoustic modal analysis of a full-scale annular combustor  
[AIAA PAPER 83-0760] p 481 A83-33486
- Influence of overloads and block loading sequences on mode III fatigue crack propagation in A469 rotor steel  
p 551 A83-39075
- PROPAGATION VELOCITY**
- On the effect of residual stresses on crack growth from a hole  
[AIAA 83-0840] p 355 A83-29747
- Analysis of unswept and swept wing chordwise pressure data from an oscillating NACA 0012 airfoil experiment  
Volume 1 Technical Report  
[NASA-CR-3567] p 316 N83-22165
- PROPANE**
- Effects of percentage of blockage and flameholder downstream counterbores on lean combustion limits of premixed, prevaporized propane-air mixture  
[NASA-TP-2227] p 746 N83-34941
- PROPELLANT ACTUATED DEVICES**
- Computerized design of CAD - Charge Activated Devices  
p 215 A83-15415
- PROPELLANT ADDITIVES**
- An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications  
[AD-A121228] p 215 N83-17549
- PROPELLANT CHEMISTRY**
- The effect of hydrocarbon structure upon fuel sooting tendency in a turbulent spray diffusion flame  
[ASME PAPER 83 GT-90] p 755 A83-47937
- PROPELLANT DECOMPOSITION**
- Degradation and characterization of antimisting kerosene  
p 294 A83-24035
- PROPELLANT PROPERTIES**
- Degradation and characterization of antimisting kerosene  
p 294 A83-24035
- PROPELLER BLADES**
- Optimal adaption of the aircraft propeller  
p 7 A83-10580
- The use of composite materials in aircraft propellers  
p 42 A83-12966
- Noise and detectability characteristics of small-scale remotely piloted vehicle propellers  
p 199 A83-13162
- Numerical calculations for performances of propellers in a static-state by vortex theory accounting of slipstream deformation and their comparisons with experiments  
p 189 A83-22072
- A theoretical and experimental study of propeller noise  
[ONERA, TP NO 1982-122] p 305 A83-24333
- The prediction of the noise of supersonic propellers in time domain - New theoretical results  
[AIAA PAPER 83-0743] p 280 A83-25945
- The acoustic response of a propeller subjected to gusts incident from various inflow angles  
[AIAA PAPER 83-0692] p 366 A83-28010
- On the determination of the load-carrying capacity of the glass-plastic propeller blade of an aircraft  
p 338 A83-29294
- Design for prevention of acoustic fatigue -- of aircraft structures  
[AIAA 83-0973] p 329 A83-29782
- Flutter analysis of advanced turbopropellers  
[AIAA 83-0846] p 357 A83-29824
- Modern propellers for commuter airlines  
[SAE PAPER 820719] p 391 A83-30874
- Advanced propeller technology for new commuter aircraft  
[SAE PAPER 820720] p 392 A83-31803
- Classical flutter stability of swept propellers  
[AIAA PAPER 83-0847] p 392 A83-32792
- Compressible helicoidal surface theory for propeller aerodynamics and noise  
p 375 A83-32986
- An experience in mesh generation for three-dimensional calculation of potential flow around a rotating propeller  
p 501 A83-38798
- The effect of displacement velocity on propeller performance  
p 577 A83-41052
- Aeroacoustic flight test of four single engine propellers  
[SAE PAPER 830731] p 615 A83-43328
- Bending-torsion flutter of a highly swept advanced turboprop  
[NASA-TM-82975] p 68 N83-11514
- Noise of the 10-bladed, 40 deg swept SR-6 propeller in a wind tunnel  
[NASA-TM-82950] p 74 N83-11840
- Comparison of rotor analysis results with aerodynamic windtunnel data  
p 194 N83-17487
- An appraisal of rotor blade-tip vortex interaction and wake geometry from flight measurements  
p 194 N83-17488
- Farfield inflight measurement of high-speed turboprop noise  
[NASA-TM-83327] p 367 N83-21895
- A preliminary comparison between the SR-6 propeller noise in flight and in a wind tunnel  
[NASA-TM-83341] p 412 N83-24287
- Application of the vortex-lattice method to propeller performance analysis  
[AD-A124837] p 459 N83-26840
- Propeller noise at subsonic blade tip speeds, torque and thrust force  
[DFVLR-MITT-82-17] p 653 N83-31425
- PROPELLER DRIVE**
- A new measurement method for separating airborne and structureborne aircraft interior noise  
p 366 A83-28186
- Advanced propfan testbed - 'A progress report'  
[SAWE PAPER 1453] p 616 A83-43735
- PROPELLER EFFICIENCY**
- Optimal adaption of the aircraft propeller  
p 7 A83-10580
- Efficiency improved turboprop  
[AIAA PAPER 83-0059] p 160 A83-16491
- Design of optimum propellers  
[AIAA PAPER 83-0190] p 132 A83-16578
- ONERA test facilities for propellers and rotors  
[ONERA, TP NO 1982 121] p 276 A83-24332
- Flyover noise measurements for turbo-prop aircraft  
[AIAA PAPER 83-0746] p 280 A83-25948
- Modern propellers for commuter airlines  
[SAE PAPER 820719] p 391 A83-30874
- Prop-fan powered aircraft - An overview  
[SAE PAPER 820957] p 434 A83-33629
- Counter-rotation propellers - A feasibility study  
p 683 A83-44874
- An improved propeller for general-aviation aircraft  
p 736 A83-47194
- High speed propeller for the Lear Fan 2100  
[AIAA PAPER 83-2465] p 745 A83-49580
- The development of a generalized advanced propeller analysis system  
[AIAA PAPER 83-2466] p 746 A83-49581
- Exploratory low speed wind-tunnel investigation of advanced commuter configurations including an over-the-wing propeller design  
[AIAA PAPER 83-2531] p 732 A83-49590
- Propeller performance prediction and design techniques  
p 281 N83-18653
- Advanced theoretical treatments of propeller aerodynamics  
p 244 N83-18654
- Advanced turboprop propulsion technology  
[SP-03A82] p 281 N83-18659
- Aerodynamic evaluation of circulation control propellers  
[NASA-CR-165748] p 616 N83-30428
- PROPELLER FANS**
- A transonic analysis of propfan slipstream effect on a supercritical wing  
[AIAA PAPER 83-0186] p 132 A83-16577
- Transonic flow simulation of prop-fan configurations  
[AIAA PAPER 83-0187] p 137 A83-19582
- Evaluation of interior noise control treatments for high-speed propfan-powered aircraft  
[AIAA PAPER 83-0693] p 264 A83-25914
- Near field frequency - Domain theory for propeller noise  
[AIAA PAPER 83-0688] p 365 A83-28007
- Propulsion system installation design for high-speed prop-fans  
p 337 A83-29014
- Compressible helicoidal surface theory for propeller aerodynamics and noise  
p 375 A83-32986
- Propulsion system integration configurations for future prop-fan powered aircraft  
[AIAA PAPER 83-1157] p 535 A83-38081
- Counter-rotation propellers - A feasibility study  
p 683 A83-44874
- Comparison of a propfan/turbofan engine by thermodynamic cycle calculations  
[DFVLR-MITT-82-18] p 617 N83-30434
- PROPELLER SLIPSTREAMS**
- Efficiency improved turboprop  
[AIAA PAPER 83-0059] p 160 A83-16491
- Three-dimensional Euler equation simulation of propeller-wing interaction in transonic flow  
[AIAA PAPER 83-0236] p 132 A83-16603
- Numerical calculations for performances of propellers in a static-state by vortex theory accounting of slipstream deformation and their comparisons with experiments  
p 189 A83-22072
- Calculation of the average slipstream of a propeller and its effect on the performance of an aircraft  
[ONERA, TP NO 1982-120] p 244 A83-24331
- Method for calculating effects of a propfan on aircraft aerodynamics at subsonic speeds  
[AIAA PAPER 83-1216] p 420 A83-36287
- The Epsilon prototype corkscrew phenomenon  
[SNIAS-822-111-101] p 376 N83-23279
- PROPELLERS**
- Noise generated by a propeller or a helicopter rotor  
p 41 A83-12343
- The use of composite materials in aircraft propellers  
p 42 A83-12966
- Propeller noise at model- and full-scale  
p 222 A83-15314
- An analytical and experimental comparison of the flow field of an advanced swept turboprop  
[AIAA PAPER 83-0189] p 189 A83-21080
- Design, construction, and testing of an experimental propeller in the 750 PS performance class  
[DGLR PAPER 82-066] p 274 A83-24180
- Development of four profiles for an experimental propeller in the performance class of 750 PS  
[DGLR PAPER 82-067] p 243 A83-24181
- Experimental investigations concerning the noise produced by model propellers and propeller-driven small aircraft  
[DGLR PAPER 82-068] p 274 A83-24182
- ONERA test facilities for propellers and rotors  
[ONERA, TP NO 1982 121] p 276 A83-24332
- Synchrophasing for cabin noise reduction of propeller-driven airplanes  
[AIAA PAPER 83-0717] p 326 A83-28013
- Performance estimation for light propeller airplanes  
p 386 A83-32589
- Towards a renewal of the propeller in aeronautics  
[AAAF PAPER NT 82-01] p 392 A83-33159
- Generalities on the problems in integration for a propeller on an airframe - The particular case of a high-powered twin turboprop  
[AAAF PAPER NT 82-02] p 388 A83-33160
- Remarks on the evolution of methods of calculation for propellers and rotors  
[AAAF PAPER NT 82-03] p 376 A83-33161
- In-flight acoustic test results for the SR-2 and SR-3 advanced-design propellers  
[AIAA PAPER 83-1214] p 452 A83-36286
- Aerodynamic measurements about a rotating propeller with a laser velocimeter  
[AIAA PAPER 83-1354] p 421 A83-36355
- Mathematical models of the acoustic properties of propellers  
p 458 A83-36792
- Advanced airfoil design for general aviation propellers  
[AIAA PAPER 83-1791] p 496 A83-38631
- The aerodynamics of propellers and rotors using an acoustic formulation in the time domain  
[AIAA PAPER 83-1821] p 498 A83-38653
- Finite volume calculation of three-dimensional potential flow around a propeller  
p 660 A83-45577
- An historical review of propeller developments  
p 744 A83-48173
- Subsonic and transonic propeller noise  
[ONERA, TP NO 1983-76] p 769 A83-48191
- High speed propeller for the Lear Fan 2100  
[AIAA PAPER 83 2465] p 745 A83-49580
- Noise of the 10-bladed, 40 deg swept SR-6 propeller in a wind tunnel  
[NASA-TM-82950] p 74 N83-11840
- Large displacements and stability analysis of nonlinear propeller structures  
p 218 N83-12480
- An analytical and experimental comparison of the flow field of an advanced swept turboprop  
[NASA-TM-83037] p 128 N83-14061
- Propeller noise prediction and research techniques  
p 308 N83-18651
- Historical review of propeller developments  
p 242 N83-18652
- Propeller performance prediction and design techniques  
p 281 N83-18653
- Advanced theoretical treatments of propeller aerodynamics  
p 244 N83-18654
- Advanced theoretical treatment of propeller noise  
p 308 N83-18655
- Propeller Performance and Noise, Volume 2  
[VKI-LS-1982-08-VOL-2] p 242 N83-18656
- Propeller aircraft noise-certification and flight testing  
p 308 N83-18657
- Propeller aircraft interior noise  
p 309 N83-18658
- New test techniques and analytical procedures for understanding the behavior of advanced propellers  
[NASA-TM-83360] p 311 N83-22092
- Noise of the 10-bladed 60 deg swept SR-5 propeller in a wind tunnel  
[NASA-TM-83054] p 367 N83-23112

- Propeller mean slipstream computation Slipstream influence on aircraft performances [SNIA8-822-111-104] p 389 N83-23299
- Propeller power effects with wing flaps deflected [ARL/AERO-NOTE-413] p 393 N83-23307
- The return of the propeller airplane [SNIA8-822-111-102] p 389 N83-24501
- Propeller noise prediction [NASA-TM-85636] p 571 N83-28984
- Propeller aircraft noise certification and flight testing [DFVLR-MITT-82-16] p 572 N83-28993
- Small transport aircraft technology propeller study [NASA-CR-168045] p 506 N83-29178
- Design, construction and test of an experimental propeller in the power range 750 HP [BMFT-FB-W-83-004] p 507 N83-29184
- Contribution to the aerodynamic study of wings and propellers [NASA-TM-77083] p 584 N83-31579
- Durability of propeller shaft interference fits under variable cyclic loading --- ship propellers during storms [DRIC-T-6880] p 684 N83-32803
- Propeller performance and weight predictions appended to the Navy/NASA engine program [NASA-TM-83458] p 684 N83-32810
- An investigation of flow improvement devices for reducing propeller excited vibration --- ship propellers [NMI-R-157] p 702 N83-34223
- Comparison of advanced turboprop and turboprop airplanes [NASA-TM-85692] p 733 N83-36022
- PROPORTIONAL CONTROL**
- Line of sight reconstruction for faster homing guidance [AIAA PAPER 83-2170] p 591 A83-41666
- PUSPULSION**
- Applications of advanced upper surface blowing propulsive-lift technology [SAE PAPER 820956] p 433 A83-33628
- QCSSE under-the-wing engine-wing-flap aerodynamic profile characteristics [NASA-TM-82890] p 201 N83-12092
- Abstracts 1982 AFOSR Contractors Meeting on Air Breathing Combustion Dynamics Research [AD-A121647] p 351 N83-21062
- PUSPULSION SYSTEM CONFIGURATIONS**
- Combat survivability with advanced aircraft propulsion development p 28 A83-10179
- Propulsion systems for rotary wing aircraft with auxiliary propellers p 276 A83-24827
- Propulsion system installation design for high-speed prop-fans p 337 A83-29014
- Fundamentals of flight --- Book p 371 A83-30152
- Towards a renewal of the propeller in aeronautics [AAAF PAPER NT 82-01] p 392 A83-33159
- Advanced propfan engine characteristics and technology needs [AIAA PAPER 83-1155] p 450 A83-36250
- Propulsion system integration configurations for future prop-fan powered aircraft [AIAA PAPER 83-1157] p 535 A83-38081
- Powered lift aerodynamics of USB STOL aircraft --- Upper Surface Blowing [AIAA PAPER 83-1848] p 499 A83-38676
- Advanced propfan testbed - 'A progress report' [SAWE PAPER 1453] p 616 A83-43735
- Vectoring exhaust systems for STOL tactical aircraft [ASME PAPER 83-GT-212] p 744 A83 48013
- Propulsion system integration as applied to business jet aircraft [ASME PAPER 83-GT-227] p 725 A83-48024
- Analysis, design, fabrication and testing of an optical tip clearance sensor --- turbocompressor blade tips [NASA-CR-165265] p 44 N83-11127
- Application of advanced technologies to small, short-haul transport aircraft (STAT) [NASA-CR-152362] p 192 N83 12072
- Aeronautics research and technology program and specific objectives [NASA-TM-85163] p 176 N83-13059
- Civil component program integrated-propulsion system (IFAS) [BMFT-FB-W-82-017] p 195 N83-13094
- Research and technology, Lewis Research Center [NASA-TM-83038] p 191 N83-15169
- Detection and diagnosis of bearing deterioration in aircraft propulsion systems by wear debris analysis p 184 N83-15506
- Fuels research studies at NASA Lewis [NASA-TM-83003] p 297 N83-19921
- Energy efficient engine component development and integration program [NASA-CR-170089] p 339 N83-22204
- The spark-ignition aircraft piston engine of the future p 353 N83-22450
- NASA propulsion controls research [NASA-TM-83343] p 458 N83-25711

- Generalization of the air-jet propulsion systems, the 'N' flow turbo-jet engine [AD-A123932] p 459 N83-25715
- An experimental study of a high rotational speed propulsor [AD-A126060] p 539 N83-29238
- Nacelle Aerodynamic and Inertial Loads (NAIL) project [NASA-CR-168712] p 605 N83-30402
- V/STOL propulsion control analysis Phase 2, task 5-9 [NASA-CR-165523] p 684 N83-32804
- A fuel-efficient cruise performance model for general aviation piston engine airplanes [NASA-CR-172188] p 686 N83-33891
- Thermodynamic and flow mechanical problems in aircraft and spacecraft drives Summary of work and results for 1980, 81, 82 p 707 N83-34822
- Rotorcraft convertible engine study [NASA-CR-168241] p 747 N83-34944
- PUSPULSION SYSTEM PERFORMANCE**
- The theory of aircraft engines --- Russian book p 39 A83-10675
- ASTF test instrumentation system detail design --- Aeropropulsion System Test Facility p 54 A83-11059
- The role of CFD in aeropropulsion ground testing --- Computational Fluid Dynamics [AIAA PAPER 83-0149] p 172 A83-16557
- Fiberoptics technology and its application to propulsion control systems [AIAA PAPER 83-0534] p 158 A83-16772
- Scale model performance test investigation of mixed flow exhaust systems for an energy efficient engine /E3/ propulsion system [AIAA PAPER 83-0541] p 161 A83-16776
- Setting design goals for advanced propulsion systems [AIAA PAPER 81-1505] p 211 A83-22154
- Effect of variable guide vanes on the performance of a high-bypass turbofan engine p 274 A83-24028
- Propulsion systems of flight vehicles and drones - Conditions, requirements, and current and future propulsion systems [DGLR PAPER 82-086] p 275 A83-24198
- A steady state performance model for general aviation spark-ignition piston engines p 336 A83-27163
- Fuel character effects on the TF41 engine combustion system p 391 A83-30190
- On the propulsion system of the NAL quiet STOL research aircraft p 446 A83-35831
- Propulsion system simulation technique for scaled wind tunnel model testing p 463 A83-35850
- Cruise missile propulsion versus commercial airliner propulsion - Different challenges can produce similar engine cycles [AIAA PAPER 83-1176] p 451 A83-36261
- Advanced turboprop and dual cycle engine performance benefits and installation options on a Mach 0.7 shorthaul transport aircraft [AIAA PAPER 83-1212] p 452 A83-36284
- Ejector nozzle test results at simulated flight conditions for an advanced supersonic transport propulsion system [AIAA PAPER 83-1287] p 454 A83-36323
- A static investigation of yaw vectoring concepts on two-dimensional convergent-divergent nozzles [AIAA PAPER 83-1288] p 421 A83-36324
- Advanced propulsion controls - A total system view p 457 A83-36612
- Some aspects of Prop-Fan propulsion systems analysis [SAE PAPER 821358] p 532 A83-37956
- Design study for remotely piloted, high-altitude airplanes powered by microwave energy [AIAA PAPER 83-1825] p 520 A83-38657
- V/STOL from the propulsion viewpoint (7th Sir Sydney Camm Memorial Lecture) p 535 A83-38869
- JT9D performance deterioration results from a simulated aerodynamic load test p 612 A83-41040
- Aeronautical research - II p 615 A83-43034
- A low signature RPV p 600 A83-43703
- Extracting the comprehensive characteristics in terms of similar parameters from flight test p 675 A83-44570
- Reengining the key to aircraft renewal [AIAA PAPER 83-1372] p 675 A83-45514
- Integrated flight and propulsion operating modes for advanced fighter engines [ASME PAPER 83-GT-194] p 742 A83-47999
- Gas turbine performance improvement by retrofit of advanced technology [ASME PAPER 83-GT-222] p 762 A83-48020
- Subsonic/supersonic aeropropulsive characteristics of nonaxisymmetric nozzles installed on an F-18 model p 744 A83-48215
- Complex optimization of engine systems for spacecraft control --- Russian book on low thrust propulsion control p 755 A83-48248

- Analysis, design, fabrication and testing of an optical tip clearance sensor --- turbocompressor blade tips [NASA-CR-165265] p 44 N83-11127
- Gain selection method and model for coupled propulsion and airframe systems [NASA-TP-2067] p 52 N83-11139
- Energy efficient engine Flight propulsion system preliminary analysis and design [NASA-CR-159859] p 201 N83-12094
- Aeronautics research and technology program and specific objectives [NASA-TM-85163] p 176 N83-13059
- Fiberoptics technology and its application to propulsion control systems [NASA-TM-83009] p 159 N83-15302
- Computer program for calculation of turbojet system performance [AD-A120665] p 167 N83-15314
- Fuels research studies at NASA Lewis [NASA-TM-83003] p 297 N83-19921
- Effects of varying podded nacelle-nozzle installations on transonic aeropropulsive characteristics of a supersonic fighter aircraft [NASA-TP-2120] p 427 N83-26821
- Deterioration in service of engine transient behaviour p 542 N83 29258
- Potential benefits of a Full Authority Digital Electronic Control (FADEC) installed on a TF30 engine in an F14 flight test demonstrator aircraft p 543 N83-29269
- Air Force Academy Aeronautics Digest, Spring/Summer 1982 [AD-A128248] p 577 N83-31571
- Simplified forms of performance equations [ESDU-80032] p 677 N83-32788
- MIKOYAN MIG-23, USSR [AD-A128293] p 733 N83-34937
- PUSPULSION EFFICIENCY**
- Powerplants I --- turbofan engine design for aircraft p 199 A83-14951
- First stage propulsion for the maximum performance ejection system p 190 A83-15421
- The MCA method, a flight test technique to determine the thrust of jet aircraft in flight --- Mass Consumption Acceleration p 202 A83-19661
- Concepts for increased power and enhanced fuel conservation with newly patented multiple power-cycle gas turbine engines [AIAA PAPER 83-1209] p 452 A83-36282
- Generalized maximum specific range performance p 439 A83-36918
- Jet-propulsion of subsonic bodies with jet total-head equal to free stream's [AIAA PAPER 83-1790] p 535 A83-38630
- An historical review of propeller developments p 744 A83-48173
- Efficiency improved turboprop [AD-A118819] p 202 N83-12096
- Energy efficient engine component development and integration program [NASA-CR-170089] p 339 N83-22204
- PROTECTION**
- A realistic approach to aircraft lightning protection p 586 N83-31190
- Advanced testing of lightning protection schemes for composite main rotor blades (helicopter) p 587 N83-31211
- Protecting the world's largest commercial helicopter from atmospheric hazards p 588 N83-31242
- PROTECTIVE COATINGS**
- The corrosion resistance of protective coatings p 223 A83-21454
- High temperature stability of pack aluminide coatings on IN38LC p 230 A83-21459
- Macroencapsulation of electronic circuits p 354 A83-29215
- GATOR-GARD applied coatings extend service lives of critical aerospace components [SAE PAPER 820611] p 696 A83-45869
- The construction and testing of pilot installations for making diffusion connections and for depositing layers on high-alloy engine components p 760 A83-47206
- Coating with overlay metallic-cermet alloy systems [NASA-CASE-LEW-13639-2] p 227 N83-17683
- Protective coatings against fretting in aircraft engine construction [BLL-CE-TRANS-7736-(9022 09)] p 351 N83-21102
- Air Force technical objective document FY 1984 [AD-A123961] p 487 N83 26783
- Damage of RFC surface layers by electrostatic charging p 649 N83-31169
- Silicon-slurry/aluminide coating --- protecting gas turbine engine vanes and blades [NASA-CASE-LEW-13343] p 638 N83-31795

## SUBJECT INDEX

### PROTON MAGNETIC RESONANCE

A carbon-13 and proton nuclear magnetic resonance study of some experimental referee broadened-specification /ERBS/ turbine fuels p 59 A83-11482

### PROTOTYPES

Reliability and maintainability aspects of a 'fleet' of prototype helicopters p 2 A83-12654  
Tentative principles of the evaluation of the airworthiness of aircraft of one-of-a-kind design p 182 A83-14623  
AP 1-88 craft 001 prototype clearance trials p 485 A83-34862  
Aircraft Prototype and Technology Demonstrator Symposium, Dayton, OH, March 23, 24, 1983, Proceedings p 415 A83-38457  
Prototyping for fun and profit --- military aircraft design [AIAA PAPER 83-1045] p 415 A83-38458  
XB-70 technology advancements p 437 A83-38460  
[AIAA PAPER 83-1048] p 437 A83-38460  
Propulsion prototypes at General Electric [AIAA PAPER 83-1053] p 457 A83-38463  
The F-16 - A technology demonstrator, a prototype, and a flight demonstrator p 438 A83-38467  
[AIAA PAPER 83-1063] p 438 A83-38467  
The Northrop Flying Wing prototypes [AIAA PAPER 83-1047] p 416 A83-38471  
Large jet aircraft validation and demonstrations - An overview of Boeing experience [AIAA PAPER 83-1049] p 439 A83-38472  
The F-5 story - Prototype and technology demonstrator [AIAA PAPER 83-1062] p 439 A83-38473  
B-1B manufacturing - Avco modifies prototype processes for production p 491 A83-40333  
OLGA - A gust alleviation system for general-aviation aircraft --- Open Loop Gust Alleviation p 750 A83-47212  
Evaluation of new Iroquois torquemeter PN 73-30-1 [AD-A117747] p 38 N83-10042  
Frangible microwave landing system (inverted azimuth waveguide array configuration) p 324 N83-20927  
[DOT/FAA/RD-82/88] p 324 N83-20927  
The Epsilon prototype corkscrew phenomenon [SNIAS-822-111-101] p 376 N83-23279

### PROTUBERANCES

Effects of landing gear, speed brake and protuberances on the longitudinal aerodynamic characteristics of an NASA supercritical-wing research airplane model [NASA-TM-X-72684] p 13 N83-11085

### PROVING

Airport landside Volume 3 ALSIM calibration and validation [AD-A117601] p 57 N83-10085  
Validation of minimum TCAS 2 surveillance performance p 145 N83-14087  
Installation, validation and flight evaluation of the Federal Aviation Administration's head-up display system [NASA-TM-85255] p 610 N83-30412

### PSYCHOACOUSTICS

Laboratory studies of scales for measuring helicopter noise [NASA-CR-3610] p 74 N83-11839  
Should helicopter noise be measured differently from other aircraft noise? A review of the psychoacoustic literature [NASA-CR-3609] p 224 N83-1393/  
USAF Bioenvironmental Noise Data Handbook Volume 155 CH-3 in-flight crew noise p 191 N83-16154  
USAF bioenvironmental noise data handbook Volume 157 KC-10A in-flight crew noise p 191 N83-16156  
[AD-A120507] p 191 N83-16156  
Multiple-event airplane noise annoyance [NASA-TP-2101] p 234 N83-16951  
A pilot study of human response to general aviation aircraft noise [NASA-CR-166053] p 238 N83-18404  
USAF Bioenvironmental Noise Data Handbook Volume 160 KC-10A aircraft, near and far-field noise [AD-A121301] p 309 N83-19579  
USAF Bioenvironmental Noise Data Handbook Volume 156 HH-1N in-flight crew noise [AD-A122601] p 368 N83-23118

### PSYCHOLOGICAL EFFECTS

The cleaning of the exterior of the aircraft p 175 A83-14325  
Multiple-event airplane noise annoyance [NASA-TP-2101] p 234 N83-16951

### PSYCHOMOTOR PERFORMANCE

Comparative evaluation of twenty pilot workload assessment measure using a psychomotor task in a moving base aircraft simulator [NASA-CR-166457] p 249 N83-18702  
Simulation fidelity and numerosity effects in CDTI experimentation [NASA-CR-166459] p 358 N83-21209

### PULSE CODE MODULATION

Application of pulse code modulation technology to aircraft dynamics data acquisition p 29 A83-10182

### PULSE COMMUNICATION

ARINC 429 digital data communications for commercial aircraft p 253 A83-24435

### PULSE DOPPLER RADAR

A technique to empirically model clutter signals in airborne pulse Doppler radar p 23 A83-11251  
F-16 pulse Doppler radar /AN/APG-66/ performance p 200 A83-22737  
GE's APG-67 - Fighter radar with a future p 432 A83-36625  
Feasibility test of an airborne pulse-Doppler meteorological radar p 566 A83-39872  
Airborne radar and the three PRFs --- Pulse Repetition Frequency p 589 A83-40759  
Coherent CO2 lidar systems for remote atmospheric measurements p 760 A83-47808

### PULSE GENERATORS

An impulse generator to simulate lightning effects on aircraft p 587 N83-31221  
Measurements and theoretical analysis of a full scale NEMP p 588 N83-31222  
Updating the MCAIR lightning simulation laboratory p 632 N83-31223

### PULSE RADAR

Polarimetric techniques in radar signal processing p 639 A83-40758  
A mm-wave collision warning device for helicopters p 645 N83-30895

### PULSE RATE

Airborne radar and the three PRFs --- Pulse Repetition Frequency p 589 A83-40759  
Microwave Landing System (MLS) channel plans and traffic loading [DOT/FAA/RD-81/113] p 146 N83-14097

### PULSED LASERS

Pulsed holographic nondestructive testing on aircraft p 695 A83-44828

### PULTRUSION

Adaptation of pultrusion to the manufacture of helicopter components [AD-A126291] p 491 N83-29171

### PUMP IMPELLERS

Laser Doppler measurements in transparent pump impellers p 216 N83-12272  
Feed-pump hydraulic performance and design improvement. Phase 1 Research program design, volume 1 [DE82-903116] p 303 N83-20165  
Feed-pump hydraulic performance and design improvement. Phase 1 Research program design, volume 2 [DE82-903304] p 303 N83-20166

### PUMPS

Instabilities of geared couplings Theory and practice p 187 N83-15634

### PURSUIT TRACKING

Decoupling of high gain multivariable tracking systems [AIAA PAPER 83-0280] p 140 A83-16625  
Estimation and prediction for maneuvering target trajectories p 257 A83-26261  
Nonlinear generalized likelihood ratio algorithms for maneuver detection and estimation p 511 A83-37136  
A comparative evaluation of some maneuvering target tracking algorithms [AIAA PAPER 83-2168] p 650 A83-41664  
Pursuit-evasion between two realistic aircraft [AIAA PAPER 83-2119] p 651 A83-41944

### PUSHBROOM SENSOR MODES

Thermal infrared pushbroom imagery acquisition and processing --- of NASA's Advanced Land Observing System p 209 A83-22841

### PYLON MOUNTING

The minimization of pylon-mounted store effects on air combat capability [NASA-TM-84597] p 195 N83-17510

### PYLONS

Use of the panel method to calculate the distributed aerodynamic characteristics of a wing with pylon and nacelle at low speeds p 493 A83-37520  
An extension of a transonic wing/body code to include underwing pylon/nacelle effects [AIAA PAPER 83-1805] p 497 A83-38639  
Computation of transonic flow field over Wing-Body-Pylon-Store combinations [AIAA PAPER 83-1852] p 500 A83-38680  
Alpha jet-pylon --- highly loaded structural component p 658 N83-32710

### PYROELECTRICITY

Pyroelectric IR imaging sensors - The potential for compact inexpensive RPV payloads p 609 A83-43712

### PYROLYSIS

Use of pyrolysis-derived fuel in a gas turbine engine [ASME PAPER 83-GT-96] p 755 A83-47942

## RADAR APPROACH CONTROL

Gas turbine demonstration of pyrolysis Derived fuels [DE82-007183] p 553 N83-28273

### PYROMETERS

Advanced techniques for measurement of strain and temperature in a turbine engine [AIAA PAPER 83-1296] p 558 A83-39106

## Q

### QUADRATIC EQUATIONS

Interactive fine-tuning of linear-quadratic governors by selective and direct action on the poles of the control system [ONERA, TP NO 1983-21] p 480 A83-38430

### QUADRATURES

Instrument landing system localizer vector far field monitor development [FAA-RD-82-62] p 188 N83-13087

### QUADRUPOLES

Second approximation of quadrupole wing theory in lifting surface theory p 375 A83-33004

### QUALITY CONTROL

Life development of components/systems of aircraft p 64 A83-12657  
A sensible approach to process control of adhesive bonding p 185 A83-20432  
Reproducible processing and reliable repeatability in carbon fibre composites p 350 A83-29715  
Some applications of ultrasonic methods for the quality control of nonmetallic objects p 475 A83-36794  
Close-range photogrammetry for aircraft quality control p 558 A83-38347  
A quality control test to determine the propensity for Lueders lines formation in 2024-T3 p 634 A83-41025  
A critical commentary on magnetic particle inspection p 694 A83-43829  
Pulsed holographic nondestructive testing on aircraft p 695 A83-44828  
Consolidated TPS implementation today and tomorrow --- quality Test Program Sets for aircraft industry [AIAA PAPER 83-2495] p 763 A83-48350  
Application of Fourier transform infrared spectroscopy for quality control analysis of epoxy resin prepreps used in helicopter rotor blades p 61 N83-11232  
The quality and control of precision castings for turbomachines p 179 N83-15446  
Results of a quality principle on the MTBF of an equipment developed for the A-300 p 304 N83-20212  
Towards a veritable supervisor program for avionics software p 334 N83-22116  
The quality of avionics software Specification and evaluation p 335 N83-22142  
General aviation fuel quality control p 352 N83-22447  
Composites in ground test services --- aircraft manufacturing [BAE-KGT-N-GEN-00999] p 638 N83-31729

Quartz transducers The development of quartz-membrane pressure transducers at the Aeronautical Research and Test Institute p 644 A83-43815

Quasi-steady states Mathematical model of the SH-3G helicopter [NASA-TM-84316] p 266 N83-19739

Quiet engine program Design and development of a mixer compound exhaust system --- in aircraft turbofan engines p 274 A83-24029

Alternatives for jet engine control [NASA-CR-170100] p 338 N83-20945

## R

### RACKS (FRAMES)

Thermal design of integrated avionics racks for aircraft [SAE PAPER 820871] p 263 A83-25770

### RADAR

Air traffic services in Portugal p 325 N83-22182

### RADAR ANTENNAS

Adaptive clutter suppression for airborne phased array radars p 320 A83-27919  
Low-sidelobe radar antennas p 639 A83-40757  
Positioning of jamming aircraft using the integrated refractive effects prediction system [AD-A125644] p 560 N83-28308  
The role and nature of adaptive antennas in ECCM [AD-P00923] p 701 N83-34148

### RADAR APPROACH CONTROL

A concept for reducing helicopter IFR landing weather minimums - Offshore p 24 A83-12099  
The COMPAS system for more efficient approach traffic --- for aircraft p 513 A83-39345

- Techniques for air traffic planning and handling in the terminal area  
[DFVLR-MITT-82-04] p 27 N83-10032
- RADAR BEACONS**  
Performance analysis of a dwell-time processor for monopulse beacon radars p 200 A83-22726  
Reply correlation test analysis in monopulse beacon radars p 200 A83-22727  
Comparison of the Mode S system to the Automated Radar Terminal System (ARTS) with respect to range and azimuth resolution  
[AD-A118247] p 27 N83-11104  
The AMPs computer system Design and operation  
[ATC-110] p 220 N83-12867  
Mode S beacon system Functional description  
[ATC-42-REV-B] p 188 N83-13086  
Mode S beacon system Functional description  
[ATC-42-REV-C] p 698 N83-33016
- RADAR CLUTTER MAPS**  
F-16 pulse Doppler radar /AN/APG-66/ performance p 200 A83-22737
- RADAR CROSS SECTIONS**  
Laser and millimeter-wave backscatter of transmission cables p 199 A83-22523  
Radar detection of wingtip vortices p 501 A83-38748  
Greenland 1979 microwave remote sensing data catalog report, 14-15 October 1979  
[NASA-TM-84571] p 362 N83-21730  
Helicopter-borne scatterometer  
[AD-A125796] p 562 N83-29561
- RADAR DATA**  
A nonlinear smoothing procedure for the reconstruction of flight trajectories on the basis of radar data p 185 A83-14494
- RADAR DETECTION**  
Simulation versus simulation --- as illustrated with Mission System Avionics for Airborne Early Warning Nimrod p 185 A83-16332  
Adaptive detection of targets in laser speckle noise p 208 A83-22521  
F-16 pulse Doppler radar /AN/APG-66/ performance p 200 A83-22737  
An adaptive scheme for optimal target detection in variable clutter environment p 253 A83-24779  
Estimation of turbulence severity in precipitation environments by radar p 360 A83-27044  
Radar detection of low level wind shear affecting aircraft terminal navigation p 322 A83-28784  
Polarimetric techniques in radar signal processing p 639 A83-40758  
Airborne radar and the three PRFs --- Pulse Repetition Frequency p 589 A83-40759
- RADAR ECHOES**  
Background study on efficient use of the 2700-2900 MHz band  
[PB83-214288] p 766 N83-38352
- RADAR EQUIPMENT**  
Tactical three-dimensional air surveillance radar p 17 A83-10259  
Ka-band passive/active airborne radar p 23 A83-11239  
Weather radar radomes and their maintenance p 3 A83-12658  
The employment of digital signal processing in radar devices - Advantages and disadvantages for the practice p 26 A83-13014  
Integration produces small Ku-band altimeter p 529 A83-37820  
Simulate airborne radar environments p 512 A83-37821  
Coast Terminal Radar Approach Control Facility (TRACON) refurbishment  
[DOT/FAA/RD-82/38] p 186 N83-12060  
ARTS 2A design analysis  
[FAA-RD-82-54] p 187 N83-12064  
An experimental investigation of the efficacy of automated weather data transmission to aircraft in flight  
[FAA-PM-83-11] p 390 N83-23302  
Analysis of F-16 radar discrepancies  
[AD-A124749] p 476 N83-25948  
Helicopter-borne scatterometer  
[AD-A125796] p 562 N83-29561  
System description for automated radar terminal air traffic control system (ARTS II) Enhancements System description, revision A p 674 N83-33870  
Background study on efficient use of the 2700-2900 MHz band  
[PB83-214288] p 766 N83-38352
- RADAR FILTERS**  
Use of aircraft-derived data to assist in ATC tracking systems II - Some practical tracking filters p 24 A83-11557  
Observers as noise filters in an automatic aircraft landing system p 285 A83-24434

**RADAR HOMING MISSILES**

- Digital homing guidance - Stability vs performance trade-offs  
[AIAA PAPER 83-2167] p 590 A83-41663  
Line of sight reconstruction for faster homing guidance  
[AIAA PAPER 83-2170] p 591 A83-41666  
Semi-active radar guidance p 723 A83-48771
- RADAR IMAGERY**  
Automatic change detection of synthetic aperture radar imagery p 22 A83-11222  
Simulated fan-beam radar imagery --- use in assessing aircraft approach-to-landing paths p 559 A83-40302  
Simulation of a weather radar display for over-water airborne radar approaches  
[NASA-TM-84315] p 311 N83-22091
- RADAR MEASUREMENT**  
Nonlinear Kalman filtering techniques for terrain-aided navigation p 257 A83-26263  
Doppler radar and aircraft measurements of thunderstorm turbulence p 360 A83-27043  
Crab angle estimation with two dimensional cross correlations and centroids  
[AD-A122872] p 382 N83-23269
- RADAR NAVIGATION**  
Terrain following/terrain avoidance for advanced penetrating aircraft p 20 A83-11146  
Advanced terrain following radar for LANTIRN --- Low Altitude, Navigation, Targeting Infrared at Night p 23 A83-11241  
Analysis of three hierarchical motion compensation systems for synthetic aperture radars p 23 A83-11242  
Closed-loop eigenvalue selection for reduced autopilot sensitivity to radome errors  
[AIAA PAPER 83-0062] p 140 A83-16494  
Utilization of the Trident radar system for air navigation, photogrammetry, and geodesy at the National Geographic Institute First results - Ongoing tests p 514 A83-40623  
Investigation of advanced navigation and guidance system concepts for all-weather rotorcraft operations  
[NASA-CR-166274] p 26 N83-10029  
Coast Terminal Radar Approach Control Facility (TRACON) refurbishment  
[DOT/FAA/RD-82/38] p 186 N83-12060
- RADAR NETWORKS**  
Real-time multiradar simulation with a multiprocessor p 200 A83-22824  
Data transmission in the case of secondary radar /Mode S/ p 320 A83-27124
- RADAR PHOTOGRAPHY**  
Utilization of the Trident radar system for air navigation, photogrammetry, and geodesy at the National Geographic Institute First results - Ongoing tests p 514 A83-40623
- RADAR RANGE**  
Modeling methodology for MLS range navigation system errors using flight test data  
[NASA-CR-166411] p 27 N83-11101  
Use of radar position reports for estimating aircraft acceleration  
[FAA-RD-82-81] p 156 N83-15281
- RADAR RECEIVERS**  
Technology upgrade to ALR-46 and ALR-69 radar warning receivers p 18 A83-11102
- RADAR RESOLUTION**  
Comparison of the Mode S system to the Automated Radar Terminal System (ARTS) with respect to range and azimuth resolution  
[AD-A118247] p 27 N83-11104
- RADAR SCANNING**  
Scanning strategies for next generation weather radars A study based on lifetimes of convective atmospheric phenomena hazardous to aviation  
[FAA-RD-82-69] p 476 N83-25929
- RADAR SIGNATURES**  
Greenland 1979 microwave remote sensing data catalog report, 14-15 October 1979  
[NASA-TM-84571] p 362 N83-21730
- RADAR TARGETS**  
Variable dimension filter for maneuvering target tracking p 189 A83-19033  
Performance analysis of a dwell-time processor for monopulse beacon radars p 200 A83-22726  
Reply correlation test analysis in monopulse beacon radars p 200 A83-22727  
F-16 pulse Doppler radar /AN/APG-66/ performance p 200 A83-22737  
The APC-4 infrared plume generator Qualification Operational Test and Evaluation (QOT/E)  
[AD-A128503] p 733 N83-34938
- RADAR TRACKING**  
Use of aircraft-derived data to assist in ATC tracking systems II - Some practical tracking filters p 24 A83-11557  
Variable dimension filter for maneuvering target tracking p 189 A83-19033

- Real-time multiradar simulation with a multiprocessor p 200 A83-22824  
Estimation and prediction for maneuvering target trajectories p 257 A83-26261  
An advanced single-channel NAVSTAR GPS multiplex receiver with up to eight pseudochannels p 324 A83-29213  
Analysis of general aviation accidents using ATC radar records p 719 A83-48218  
mm-wave sensors for missile guidance p 724 A83-48773  
Use of radar position reports for estimating aircraft acceleration  
[FAA-RD-82-81] p 156 N83-15281  
Mode S baseline radar tracking p 233 N83-17770  
System description for automated radar terminal air traffic control system, ARTS 2 enhancements, revision A  
[FAA-PM-83-19-REV-A] p 382 N83-24494
- RADAR TRANSMISSION**  
A ray tracing computer analysis program /RAYCAP/ for airborne surveillance radar applications p 23 A83-11243  
Probabilistic estimation of the efficiency of radio systems in the presence of interference p 405 A83-30731
- RADARS COPIES**  
TF/TA by means of integrated FLIR and radar sensors --- terrain following-terrain avoidance displays using forward looking infrared imagery p 36 A83-11240  
Simulation of a weather radar display for over-water airborne radar approaches  
[NASA-TM-84315] p 311 N83-22091  
Operational lighting at the Air Traffic Control Center (MiATCC) at New-Milligen --- radar consoles  
[IZF-1982-28] p 698 N83-33035
- RADIAL FLOW**  
Current and future technology in radial and axial gas turbines  
[NASA-TM-83414] p 684 N83-32811
- RADIANT COOLING**  
Flightweight radiantly and actively cooled panel Thermal and structural performance  
[NASA-TP-2074] p 68 N83-11513
- RADIATION DISTRIBUTION**  
Prediction of sound radiation from different practical jet engine inlets  
[NASA-CR-169533] p 223 N83-13936
- RADIATION HAZARDS**  
Laser safety of air bathymetry  
[FOA-C-30292-E1] p 478 N83-27210
- RADIATION PYROMETERS**  
Radiation pyrometry in gas turbine research and development  
[PNR-90116] p 68 N83-11485
- RADIATION SOURCES**  
An asymptotic high frequency analysis of the radiation from sources on perfectly-conducting structures with an impedance surface patch p 144 A83-18647
- RADIATIVE HEAT TRANSFER**  
Radiant heating tests of several liquid metal heat-pipe sandwich panels  
[NASA-TM-85669] p 702 N83-34226
- RADIATIVE TRANSFER**  
Measured and predicted soot profiles in a gas turbine combustor p 41 A83-12077
- RADIO ALTIMETERS**  
An AN/APN-194/VV radar altimeter/MIL-STD-1553 interface circuit p 35 A83-11186  
Integrated GPS, DLMS, and radar altimeter measurements for improved terrain determination p 324 A83-29212  
Integration produces small Ku-band altimeter p 529 A83-37820  
Marine gravity measurement from fixed wing aircraft p 696 A83-46111  
Analysis of possible interference in radio altimeters induced by a position marker system called RASP  
[NLR-TR-81135-U] p 38 N83-10043
- RADIO ANTENNAS**  
A novel precise method of measuring the efficiency of arbitrary low-gain antennas p 181 A83-18643  
Perturbation adaptive array processor for airborne application p 320 A83-27913  
A rapid-tuning high-power pod-mounted VHF antenna system p 430 A83-35088
- RADIO BEACONS**  
Search and rescue locator beacons - The British concept p 183 A83-15418  
Analysis of possible interference in radio altimeters induced by a position marker system called RASP  
[NLR-TR-81135-U] p 38 N83-10043
- RADIO COMMUNICATION**  
The development of radio engineering p 180 A83-16898  
Activities report on air traffic security p 514 N83-27971

**RADIO CONTROL**

- Flight test of the HX-1 radio-controlled hybrid airship [AIAA PAPER 83-1992] p 522 A83-38917  
Recommendations for automated monitoring of radio equipment associated with flight service stations [FAA-CT-82-31] p 217 N83-12298

**RADIO DIRECTION FINDERS**

- Performance tests results of automatic direction finder receiver interference susceptibility [AD-A118438] p 28 N83-11109

**RADIO ELECTRONICS**

- Radio-electronic guidance systems --- Russian book p 299 A83-25622  
Estimation of the mutual influence of a group of radio-electronic devices --- for air navigation p 259 A83-26934

**RADIO EQUIPMENT**

- ATE support of RF line replaceable units p 53 A83-10732  
The aviation and radioelectronic equipment of the Yak-18T aircraft --- Russian book p 195 A83-13814  
Recommendations for automated monitoring of radio equipment associated with flight service stations [FAA-CT-82-31] p 217 N83-12298  
Improved airborne HF receive antenna An ILIR report [AD-A118861] p 182 N83-14369

**RADIO FREQUENCIES**

- Global positioning system en route/terminal exploratory tests [FAA-RD-82-71] p 260 N83-18705

**RADIO FREQUENCY DISCHARGE**

- Laboratory and in flight passive dischargers characterization --- for elimination of electrostatic radiation interference [ONERA, TP NO 1983-54] p 719 A83-48176

**RADIO FREQUENCY INTERFERENCE**

- Airframe multipath effects in airborne adaptive antenna arrays p 143 A83-18627  
Hard limiter performance as a polarity detector for extremely polluted signals --- in Ioran C navigation systems p 144 A83-19026  
Adjacent channel interference in the case of the precision distance measuring system DME/P p 258 A83-26480  
Advances related to the measurement and representation of real multipath propagation --- for radio navigation and instrument landing applications p 258 A83-26485  
Estimation of the mutual influence of a group of radio-electronic devices --- for air navigation p 259 A83-26934  
Probabilistic estimation of the efficiency of radio systems in the presence of interference p 405 A83-30731  
Instrument landing system localizer receiver performance in the presence of co-channel interference [AD-A118909] p 188 N83-13089  
Possible effects of citizens band radio transmissions on service airborne radio nav aids --- United Kingdom specifications [RAE-TM-RAD-NAV-197] p 560 N83-28291  
P-static flight evaluation of a large jet aircraft p 588 N83-31230

**RADIO FREQUENCY SHIELDING**

- Composite material aircraft electromagnetic properties and design guidelines [AD-A124016] p 470 N83-25795  
Further measurements of the screening effectiveness of carbon fiber composite materials --- for helicopter panels p 552 N83-28088  
The electromagnetic environment of an airframe partly constructed from carbon fiber composite material --- helicopter airframe p 552 N83-28080

**RADIO NAVIGATION**

- Fundamentals of radio navigation --- Russian book p 17 A83-10668  
Optimality of the measurement of navigation parameters on the basis of signals of difference-ranging systems p 17 A83-10805  
Unaided tactical guidance flight test results p 20 A83-11140  
Radionavigation techniques for weapon guidance p 20 A83-11141  
Stability of the decentralized estimation in the JTIDS relative navigation p 23 A83-11253  
An auxiliary passive microwave navigation system [ONERA, TP NO 1982-83] p 185 A83-14535  
Multipath propagation in the radio field of aircraft navigation systems p 252 A83-23414  
A new design of an accurate positioning system at 2 MHz p 253 A83-24375  
A Differential Omega/VLF Navigator p 254 A83-24856  
Study of an on-board trajectory system for in-flight checking of air-navigation and landing radio aids p 255 A83-24860

- Main technical and operational characteristics of navigation systems with a view to identifying a mixed radionavigation system p 255 A83-24869  
Flight tests of integrated navigation by least squares adjustment p 256 A83-24871  
Observations of the Omega position fix accuracy in southern Germany p 256 A83-24875  
Radio-electronic guidance systems --- Russian book p 299 A83-25622

- Advances related to the measurement and representation of real multipath propagation --- for radio navigation and instrument landing applications p 258 A83-26485

- Improved simulation of ground reflections --- of radio navigation signals for flight control p 258 A83-26486  
NAVSTAR-GPS at sea p 323 A83-29207  
Radio-navigation prerequisites for IFR operation of regional airports and civil airfields p 512 A83-38932  
Radionavigation in the year 2001 p 589 A83-40880  
Radionavigation Radiolocation --- Book p 590 A83-41528

- Differential operation of NAVSTAR GPS p 673 A83-46968  
A new generation of navigation and landing aids for aviation p 722 A83-47188  
Operational and control display concepts for flight management systems in new generation transport aircraft [AIAA PAPER 83-2489] p 735 A83-48348

- Summary of the FAA's future navigation system mix evaluation, through May 1982 [AD-A119314] p 146 N83-14099  
Radio navigation and airplane navigation [AD-A120595] p 202 N83-16325  
Navigation National plans, NAVSTAR-GPS, Laser gyros [AD-A125533] p 515 N83-29194

**RADIO RECEIVERS**

- Operational sensitivity of EW receivers p 22 A83-11234  
Characterization of the dynamical response of receivers to fading p 299 A83-26471  
Collins avionics NAVSTAR GPS advanced digital receiver p 673 A83-46969  
Performance tests results of automatic direction finder receiver interference susceptibility [AD-A118438] p 28 N83-11109  
Instrument landing system localizer receiver performance in the presence of co-channel interference [AD-A118909] p 188 N83-13089  
SH-3 helicopter/Global Positioning System integration analysis [AD-A125005] p 432 N83-25691

**RADIO RELAY SYSTEMS**

- Relay balloon --- data terminal for long duration synoptic earth observations p 524 A83-39811

**RADIO SCATTERING**

- Effects of finite wire scatterers in the field of VOR p 144 A83-19039

**RADIO TELEMETRY**

- Relay balloon --- data terminal for long duration synoptic earth observations p 524 A83-39811

**RADIO TRANSMISSION**

- Multiple diffraction effects in VHF propagation p 182 A83-18725  
Probabilistic estimation of the efficiency of radio systems in the presence of interference p 405 A83-30731  
A mm-wave collision warning device for helicopters p 645 N83-30895

**RADIO WAVES**

- PAVE PILLAR - A new road to avionics reliability p 723 A83-48643  
RF radiation from lightning correlated with aircraft measurements during storm hazards-82 [NASA-TM-85007] p 479 N83-27537

**RADIOACTIVE ISOTOPES**

- Flight-systems safety program [DE83-001916] p 653 N83-32575

**RADIOACTIVITY**

- Reduction of aerodynamic drag Torison disc viscometry [AD-A117859] p 10 N83-10020

**RADIOGRAPHY**

- Aircraft inspection using radiography p 185 A83-20478

**RADIOMETERS**

- JANUS - An aircraft prototype of a low earth orbit split beam stereoscopic observing system --- for wind field determination p 355 A83-29696

**RADOMES**

- Weather radar radomes and their maintenance p 3 A83-12658  
Closed-loop eigenvalue selection for reduced autopilot sensitivity to radome errors [AIAA PAPER 83-0062] p 140 A83-16494

- Long analysis of an unprotected aircraft radome p 188 A83-18413

- Flight test and predicted pressure data comparison on aircraft modifications p 387 A83-32932  
Wind tunnel test of a C-18 aircraft modified with the advanced range instrumentation aircraft radome [AD-A124771] p 425 N83-25671  
Unprotected radome lightning tests and implications to Kevlar airframe designs p 587 N83-31208

**RAIL TRANSPORTATION**

- The vibration test unit, a unique rail vehicle vibration test facility p 632 N83-30774

**RAIN**

- The Air Force Flight Test Center Palletized Airborne Water Spray System [AIAA PAPER 83-0030] p 148 A83-16472  
Aerodynamic penalties of heavy rain on landing airplanes p 138 A83-18403  
Heavy rain influence on airplane accidents p 138 A83-18415  
Operation of ILS during snow and ice conditions p 320 A83-27969  
Rain and deicing experiments in a wind tunnel [NASA-TM-77077] p 582 N83-30394  
Weather hazard simulation in the Modane wind-tunnels [NASA-TM-77069] p 631 N83-30438  
Electric charging by impact of hailstones and raindrops p 649 N83-31231

**RAMAN SPECTROSCOPY**

- CARS temperature and species measurements in augmented jet engine exhausts --- Coherent Anti-Stokes Raman Spectroscopy [AIAA PAPER 83-1294] p 455 A83-36328

**RAMJET ENGINES**

- Transverse jet break-up and atomization with rapid vaporization along the trajectory [AIAA PAPER 83-0419] p 161 A83-16702  
Investigation of slurry fuel performance for use in a ramjet propulsor p 223 A83-21014  
The effect of the nonuniformity of supersonic flow with shocks on friction and heat transfer in the channel of a hypersonic ramjet engine p 211 A83-22654  
On the choice of the optimal total wedge angle for the air intake of a hypersonic ramjet engine p 212 A83-22656  
Numerical calculation of the separation and connection of two-dimensional supersonic flows in channels with discontinuous boundaries p 212 A83-22658  
Applications of computational techniques in the design of ramjet engines p 418 A83-35828  
Response of a supersonic inlet to downstream perturbations [AIAA PAPER 83-2017] p 422 A83-36403  
Computational study of an unregulated air intake of a hypersonic ramjet engine with three-dimensional deceleration of the flow at freestream Mach numbers of 5-7 p 494 A83-37559  
An analysis of the parameters determining the maximum thrust of ramjet engines p 613 A83-42127  
Flow visualization investigation of choking cascade turns p 641 A83-42564  
An experimental investigation of the combustion behavior of solid fuel ramjets [AD-A127165] p 637 N83-30555  
Computational Methods for Ramjets JPM Specialist Session [AD-A128297] p 685 N83-33885  
Linear theory of pressure oscillations in liquid fueled ramjet engines p 685 N83-33886  
An assessment of global and quasi-global models of hydrocarbon and hydrogen combustion kinetics for reacting flow-field calculations p 686 N83-33890  
Numerical modelling of ramjet combustors [AD-A129631] p 749 N83-36035

**RAMJET MISSILES**

- New transformations of S4 Modane hypersonic wind tunnel for ramjet missiles tests [ONERA, TP NO 1983-24] p 464 A83-36433  
Coaxial dump combustor investigations p 459 N83-26791

**RAMPS (STRUCTURES)**

- Design, fabrication, installation and flight service evaluation of a composite cargo ramp skin on a model CH-53 helicopter [NASA-CR-172126] p 693 N83-33955

**RANDOM ACCESS MEMORY**

- PEANUTS - the PETW data system [MAW-82-009-U] p 402 N83-24519

**RANDOM LOADS**

- An improved methodology for predicting random spectrum load interaction effects on fatigue crack growth p 224 A83-21802  
Statistical crack propagation in fastener holes under spectrum loading [AIAA 83-0808] p 356 A83-29808

Some methods for the derivation of taxing loads for undercarriages with linear or nonlinear properties  
[NLR-TR-81110-U] p 389 N83-23297

**RANDOM NOISE**

Hard limiter performance as a polarity detector for extremely polluted signals --- in Ioran C navigation systems p 144 A83-19026

Nonlinear filter for pilot's remnant attenuation p 285 A83-24436

Noise source mechanisms in unsteady flow  
[PB82-203837] p 223 N83-12976

**RANDOM SAMPLING**

Statistical determination of a flaw detection probability curve p 300 A83-26763

**RANDOM VIBRATION**

Design for random - An example --- vibration testing power supply for drone aircraft p 405 A83-30856

Low cost random vibration testing p 405 A83-31489

**RANGE ERRORS**

Navstar equipments accuracy compared with experimental results p 255 A83-24861

GPS user errors resulting from one 'bad' satellite in the navigation solution p 674 A83-46971

Modeling methodology for MLS range navigation system errors using flight test data p 27 N83-11101

Simulation study of traffic-sensor noise effects on utilization of traffic situation display for self-spacing task  
[NASA-TP-2082] p 270 N83-18723

**RANGEFINDING**

Optimality of the measurement of navigation parameters on the basis of signals of difference-rangefinding systems p 17 A83-10805

**RANKING**

Laboratory studies of scales for measuring helicopter noise  
[NASA-CR-3610] p 74 N83-11839

**RAREFIED GAS DYNAMICS**

A study of hypersonic low-density gas flows in low-pressure blowdown wind tunnels using pressure tanks p 373 A83-30680

**RATE OF CLIMB INDICATORS**

Digital pressure sensor for altimeters, rate-of-climb and air speed indicators in aircrafts  
[BMFT-FB-W-82-033] p 391 N83-23304

**RATES (PER TIME)**

Crash injury protection in survivable air transport accidents United States civil aircraft experience from 1970 through 1978 (incomplete) p 381 N83-24489

[FAA-CT-82-118] p 381 N83-24489

Use of small crack data to bring about and quantify improvements to aircraft structural integrity p 680 N83-34099

**RAWINSONDES**

The diagnosis and evaluation of turbulence which influences the flight of aircraft, according to rawinsonde network observation data p 704 A83-45326

**RAY TRACING**

A ray tracing computer analysis program /RAYCAP/ for airborne surveillance radar applications p 23 A83-11243

**REACTION CONTROL**

A design study of a reaction control system for a V/STOL fighter/attack aircraft  
[ASME PAPER 83-GT-199] p 743 A83-48002

**REACTION KINETICS**

Combustion Fundamentals Research  
[NASA-CP-2268] p 537 N83-29208

Computational Methods for Ramjets JPM Specialist Session  
[AD-A128297] p 685 N83-33885

An assessment of global and quasi-global models of hydrocarbon and hydrogen combustion kinetics for reacting flow-field calculations p 686 N83-33890

**REACTION TIME**

Effect of control system delays on fighter flying qualities p 51 N83-10072

**REAL TIME OPERATION**

Software configuration control in a real-time flight test environment p 29 A83-11144

Real-time infrared image processing --- onboard aircraft p 37 A83-11459

Study of fan noise sources through thin film pressure transducers p 41 A83-12350

The Northrop F-20 avionics mission simulator  
[AIAA PAPER 83-0142] p 171 A83-16551

Boeing gains real-time flight data p 172 A83-18270

Real-time scenarios aid McDonnell weapons work p 173 A83-18272

United States Air Force tactical reconnaissance - An analysis and commentary p 186 A83-22574

Advanced tactical air reconnaissance system p 186 A83-22575

Real-time reconnaissance - A systems look at advanced technology p 200 A83-22576

Real-time multiradar simulation with a multiprocessor p 200 A83-22824

Helicopter flight testing, simulation and real-time analysis p 328 A83-29391

Sinusoidal integration for simulation of second-order systems  
[AIAA PAPER 83-1086] p 480 A83-36210

Spectral decontamination of a real-time helicopter simulation  
[AIAA PAPER 83-1087] p 436 A83-36211

Analysis of a real-time application  
[AIAA PAPER 83-1088] p 480 A83-36212

Real time simulation of mission environments for avionics systems integration  
[AIAA PAPER 83-1097] p 463 A83-36217

Design of a real-time CGSI system  
[AIAA PAPER 83-1101] p 474 A83-36221

Algorithms for real-time flutter identification  
[AIAA PAPER 83-2223] p 640 A83-41703

4 D fuel-optimal guidance in the presence of winds  
[AIAA PAPER 83-2242] p 592 A83-41719

Scout - A real time intelligence and surveillance system p 602 A83-43717

Digital flight control system validation technology assessment  
[NASA-CR-166374] p 170 N83-15315

An on-board near-optimal climb-dash energy management  
[NASA-CR-169755] p 205 N83-16329

Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft  
[NASA-TM-84901] p 265 N83-18710

Comparison of simulator fidelity model reductions with in-simulator evaluation data  
[NASA-TP-2106] p 266 N83-18715

The management of a large real-time military avionics project p 335 N83-22144

Simulator investigation plan for digital flight controls validation technology  
[NASA-CR-166427] p 345 N83-22214

Real time digital integration and integral step size for flight control and flight simulation  
[NAL-TR-743] p 397 N83-24514

PEANUTS - the PETW data system  
[MAW-82-009-U] p 402 N83-24519

Automatic control and data acquisition system for combustion laboratory applications  
[AD-A125195] p 470 N83-25829

Design of a high-speed digital processing element for parallel simulation  
[NASA-TM-83373] p 563 N83-29597

**REATTACHED FLOW**

Unsteady flow separation and attachment induced by pitching airfoils  
[AIAA PAPER 83-0131] p 131 A83-16544

A supersonic maneuver wing designed for nonlinear attached flow  
[AIAA PAPER 83-0425] p 134 A83-16707

Experiments on a flow with swept separation and reattachment of a boundary layer p 697 A83-47020

**RECEIVERS**

Trend analysis concerning the displays and the keyboard of GPS navigation receivers for different applications p 37 A83-13010

EMC analysis of a prototype civil use GPS receiver on four aircraft configurations  
[ECAC-CR-82-048] p 217 N83-12300

EMC analysis of a prototype civil-use GPS receiver on four aircraft configurations  
[AD-A119578] p 147 N83-14103

Global positioning system en route/terminal exploratory tests  
[FAA-RD-82-71] p 260 N83-18705

**RECIRCULATIVE FLUID FLOW**

Determination of the region of efficient use for microturbines with working medium recirculation p 273 A83-23440

The effect of fuel atomization on soot-free combustion in a pre vaporizing combustor p 446 A83-35812

**RECOMMENDATIONS**

Summary of Federal Aviation Administration responses to National Transportation Safety Board safety recommendations  
[AD-A118692] p 184 N83-12055

**RECONNAISSANCE**

United States Air Force tactical reconnaissance - An analysis and commentary p 186 A83-22574

**RECONNAISSANCE AIRCRAFT**

Solar drones scan the earth p 150 A83-16872

Design and development of the RF-5E aircraft p 327 A83-29015

Battlefield surveillance RPVs bring it 'live' p 371 A83-30075

Re-engineing studies on the P-3 aircraft  
[SAE PAPER 821445] p 519 A83-37993

AN/USD-502 (CL 289) reconnaissance drone system p 601 A83-43704

The SKYEYE R-4E surveillance system p 601 A83-43705

**RECORDING INSTRUMENTS**

An instrument for recording the exceeding of specified levels of an operational parameter of an aircraft p 159 A83-16880

Materials and modelling technology for cryogenic environment p 465 N83-25723

**RECOVERABILITY**

Launch and recovery techniques for RPVs p 601 A83-43715

Designing for stability in advanced turbine engines p 543 A83-29266

**RECOVERY VEHICLES**

Recovery system for the Lockheed Aquila R P V p 630 A83-43724

**RECTANGULAR PANELS**

Large-amplitude multimode response of clamped rectangular panels to acoustic excitation  
[AIAA 83-1033] p 358 A83-29879

Aeroelastic optimization of orthotropic rectangular flat panels p 639 A83-40675

**RECTANGULAR PLANFORMS**

Development of a mini RPV - Stableye p 326 A83-28180

**RECTANGULAR WINGS**

Investigations on the effects of discrete wingtip jets  
[AIAA PAPER 83-0546] p 134 A83 16781

Evolution of aircraft trailing vortices in a stratified fluid  
[AIAA PAPER 83-0564] p 134 A83-16792

Embedded flow characteristics of sharp-edged rectangular wings p 190 A83-22152

General equations of motion for an elastic wing and method of solution  
[AIAA 83-0921] p 357 A83-29847

Transonic pressure distributions on a rectangular supercritical wing oscillating in pitch  
[AIAA 83-0923] p 313 A83-29849

Calculation of subsonic flow past rectangular wings and their combinations on the basis of a discrete vortex scheme p 418 A83-35541

Improved numerical method for unsteady lifting surfaces in incompressible flow p 422 A83-36917

Concerning a type of separated flow on a rectangular wing of small aspect ratio p 492 A83-37260

Use of the panel method to calculate the distributed aerodynamic characteristics of a wing with pylon and nacelle at low speeds p 493 A83-37520

Half model testing applied to wings above and below stall p 661 A83-46455

Three-dimensional wall corrections for ventilated wind tunnels p 348 N83-20965

Some recent applications of XTRAN3S  
[NASA-TM-85641] p 426 N83-26815

**RECURSIVE FUNCTIONS**

Recursive relationships for body axis rotation rates p 570 A83-37074

**RECYCLING**

Evaluation of properties of recycled asphalt concrete hot mix  
[AIAA PAPER 83-1599] p 399 A83-33362

**REDUCED GRAVITY**

Optical observations of unidirectional solidification in microgravity  
[NASA-TP-2110] p 225 N83-16492

Development of advanced heating facility concepts for microgravity application p 633 N83-31653

Minizone image furnace --- for reduced gravity experiments p 633 N83-31658

**REDUCED ORDER FILTERS**

Suboptimal filters for INS alignment on a moving base p 199 A83-21019

**REDUNDANCY**

The simulation study on a redundant flight control system p 3 N83-10014

CARE 3 phase 2 report - mathematical description  
[NASA-CR-3566] p 189 N83-14929

A functionally reliable avionics systems p 272 N83-20196

Automatic landing in bad weather conditions  
[SNIAS-822-111-106] p 381 N83-23287

**REDUNDANCY ENCODING**

Analytic redundancy management for flight control sensors p 751 N83-34900

**REDUNDANT COMPONENTS**

Genenc faults and architecture design considerations in flight-critical systems p 262 A83-24426

Reliability analysis of a dual-redundant engine controller p 556 A83-37289

New results in fault latency modelling  
[AIAA PAPER 83-2303] p 650 A83-41760

**REELS**

Aircraft acceleration sensitive inertia reel lock  
[AD-A122208] p 250 N83-19723



## SUBJECT INDEX

## REMOTE CONTROL

Aircraft acceleration sensitive inertia reel lock  
[AD-A126739] p 721 N83-34924

**REENTRY EFFECTS**  
Predicted and flight test results of the performance and stability and control of the space shuttle from reentry to landing p 634 N83-30360

**REFERENCE SYSTEMS**  
The influence of reference system disparity on navigation and positioning  
[AD-A125546] p 515 N83-29195

**REFILLING**  
Transferring and maintenance of oxygen cylinders  
[SAE AIR 1059A] p 547 A83-38103

**REFINING**  
Refining of military jet fuels from shale oil Part 1 Preliminary process design, economic and yield optimization, and computer modeling  
[AD-A117511] p 60 N83-10210  
An exploratory research and development program leading to specifications for aviation turbine fuel from whole crude shale oil Part 4 Production of samples of military fuels from raw shale oils  
[AD-A117526] p 60 N83-10211  
Refining of military jet fuels from shale oil Volume 3, part 2 Above ground shale oil process data  
[AD-A128635] p 758 N83-35162  
Refining of military jet fuels from shale oil, part 2, volume 2 (in situ shale oil process data)  
[AD-A129031] p 759 N83-36248  
Refining of military jet fuels from shale oil Part 3 Pilot plant sample preparation  
[AD-A128722] p 759 N83-36249

**REFLECTANCE**  
An experimental investigation of the efficacy of automated weather data transmission to aircraft in flight  
[FAA-PM-83-11] p 390 N83-23302

**REFRACTIVITY**  
A study of model deflection measurement techniques applicable within the national transonic facility  
[NASA-CR-165853] p 181 N83-13075

**REFRACTORY MATERIALS**  
High temperature/pressure testing of heat resistant runway materials  
[AIAA PAPER 83-2492] p 753 A83-48349  
Research on ultra-high temperature materials, monolithic ceramics, ceramic matrix composites and carbon/carbon composites p 211 N83-12161  
Development and fabrication of refractory bodies for gas turbine engines  
[BMFT-FB-T-82-138] p 164 N83-14132  
PMR polyimide composites for aerospace applications  
[NASA-TM-83047] p 178 N83-15364  
The quality and control of precision castings for turbomachines p 179 N83-15446

**REFRIGERATING MACHINERY**  
Evaluating Scroll refrigerant compressors for reducing size and weight of military aircraft ECS  
[SAE PAPER 820877] p 263 A83-25771

**REFUELING**  
Two years of training with the first true three-dimensional simulator p 218 A83-22833  
Lateral flying qualities of highly augmented fighter aircraft, volume 2  
[AD-A118071] p 204 N83-12100

**REGENERATION (ENGINEERING)**  
Mathematical modeling of gas turbine engines with heat regeneration p 615 A83-42154

**REGENERATIVE COOLING**  
Preliminary investigation on the performance of regenerative turbofan with inter-cooled compressor and its influence to aircraft p 446 A83-35830

**REGENERATORS**  
Advanced Gas Turbine (AGT) powertrain system development for automotive applications  
[NASA-CR-167901] p 708 N83-33800

**REGIONAL PLANNING**  
Planning for rotorcraft and commuter air transportation  
[NASA-CR-166453] p 310 N83-19652

**REGRESSION ANALYSIS**  
Characterization of NDE reliability p 214 A83-15211  
Airplane model structure determination from flight data p 340 A83-29023  
Study on Time Between Overhauls (TBO) of aircraft turbojet and its reliability p 164 N83-15255

**REGRESSION COEFFICIENTS**  
Estimating regression coefficients from clustered samples Sampling errors and optimum sample allocation  
[NASA-CR-166117] p 412 N83-25496

**REGULATIONS**  
Airport use and access p 572 A83-39698  
Air safety - Enforcement of the Federal Aviation Regulations p 708 A83-45836  
FAA rotorcraft icing regulations and directions p 668 A83-46927

The changing airline industry- A report, 1981  
[GAO/CEC-82-94] p 139 N83-14075  
A realistic approach to aircraft lightning protection p 586 N83-31190

**REGULATORS**  
Interactive fine-tuning of linear-quadratic governors by selective and direct action on the poles of the control system  
[ONERA, TP NO 1983-21] p 480 A83-36430  
Designing improved tracking regulators for piloting highly maneuverable aircraft - fighter aircraft p 342 N83-22095

**REINFORCED PLASTICS**  
Procedure for application of boron-fibre reinforced plastic patch to the Mirage lower wing skin fuel decant region  
[AD-A119545] p 177 N83-14173

**REINFORCED PLATES**  
Control of the material properties and structural application of carbon fibre reinforced plastics  
[AIAA PAPER 83-0859] p 403 A83-32790  
The effect of stringers on the stress-strain state near a hole or crack in an anisotropic plate p 556 A83-37516

**REINFORCED SHELLS**  
A superelement analysis of stiffened shells - Russian book on aircraft fuselage structures p 202 A83-20392

**REINFORCEMENT (STRUCTURES)**  
Crash tests of four low-wing twin-engine airplanes with truss-reinforced fuselage structure  
[NASA-TP-2070] p 67 N83-10442  
Program for establishing long-time flight service performance of composite materials in the center wing structure of C-130 aircraft Phase 5 Flight service and inspection  
[NASA-CR-165770] p 227 N83-17600

**REINFORCING FIBERS**  
Component form and manufacture p 635 N83-30529  
Structural mechanics of fibre composites p 635 N83-30530  
Joining advanced fibre composites p 636 N83-30531

**RELAXATION METHOD (MATHEMATICS)**  
Relaxation computation of transonic flows around wings with blunt leading-edge and discussion on its stability and convergence p 178 A83-15543

**RELIABILITY**  
The simulation study on a redundant flight control system p 3 N83-10014  
Digital systems technical analysis  
[ARINC-1469-01-1-2804] p 271 N83-18724  
Recommendations as to the elaboration of operational reliability, maintenance cost and availability clauses in aeronautical equipment supply contracts p 303 N83-20180  
Digital system upset The effects of simulated lightning-induced transients on a general-purpose microprocessor  
[NASA-TM-84652] p 411 N83-24212  
Atmospheric electricity hazards protection program p 649 N83-31165  
Phantoms in complex airborne systems p 682 N83-32801

**RELIABILITY ANALYSIS**  
The reliability analysis of a dual, physically separated, communicating IMU system p 20 A83-11128  
Techniques for system readiness analysis p 70 A83-11155  
Engineering safety analysis via destructive numerical experiments p 215 A83-16198  
The reliability of aviation systems - Russian book p 299 A83-25621  
Reliability of aircraft spines with or without a wear induction period  
[ASME PAPER 82-WA/DE-4] p 299 A83-25700  
Statistical determination of a flaw detection probability curve p 300 A83-26763  
Reliability of NAVSTAR GPS for civil aviation p 323 A83-28791  
Benefits of mission profile testing p 405 A83-31481  
Institute of environmental sciences aircraft engine combustor casing life simulation for increased reliability p 391 A83-31493  
The significant elements of the reliability and maintainability programs for the modernized Cobra helicopter weapons/weapons control systems p 406 A83-31499  
A dynamic model of turbojet in starting at high altitude p 447 A83-35846  
Reliability analysis of a dual-redundant engine controller p 556 A83-37289  
A generalized stage state method for centralized fault-tolerant flight control system  
[AIAA PAPER 83-2301] p 650 A83-41759

Interactive reductions in the number of states in Markov reliability analysis  
[AIAA PAPER 83-2304] p 650 A83-41761  
Residual strength predictions for ballistically damaged aircraft p 641 A83-42540  
State space model concept for evaluating survivability methodologies for aircraft design p 598 A83-42567  
Vector optimization applied to survivability methodology evaluation - for aircraft design p 651 A83-42568  
Flight clearance of the Jaguar-fly-by-wire aircraft. II p 687 A83-45846  
Life and reliability models for helicopter transmissions  
[NASA-TM-82976] p 67 N83-10425  
CARE 3 phase 2 report - mathematical description  
[NASA-CR-35366] p 189 N83-14929  
Demonstration of an acceptable safety level for digital equipment on board civil transport aircraft p 251 N83-20188  
Failure Modes, Effects and Criticality Analysis (FMECA) of type AN/GRN-27 (V) instrument landing system with traveling-wave localizer antenna  
[DOT/FAA/PM-83/18] p 382 N83-24492  
Analysis of strain gage reliability in F-100 jet engine testing at NASA Lewis Research Center  
[NASA-TM-83325] p 408 N83-24829

**RELIABILITY ENGINEERING**  
Preventing the strength failure of machines by vibrodiagnostic techniques I p 182 A83-19313  
Preventing the strength failure of machines by vibrodiagnostic methods II - The use of vibrodiagnostics for preventing the failure of certain parts and assemblies of gas-turbine engines p 182 A83-19314  
The software-implemented fault tolerance /SIFT/ approach to fault tolerant computing p 235 A83-22825  
Generic faults and architecture design considerations in flight-critical systems p 262 A83-24426  
Recent developments in digital control for helicopter powerplants p 277 A83-24829  
Developments in the design, analysis, and fabrication of advanced technology transmission elements p 298 A83-24832  
Benefits of integrating GPS and Inertial Navigation Systems p 324 A83-29214  
Design for random An example - vibration testing power supply for drone aircraft p 405 A83-30856  
Improved system reliability through master independent operation - for Loran C p 672 A83-46956  
Airplane reliability in a nutshell p 760 A83-47614  
Vibration test level criteria for aircraft equipment p 31 N83-10240  
Aspects of the reliability and maintenance of turboprops and large turbofan engines p 45 N83-11135  
[PNR 90113]  
A functionally reliable avionics systems p 272 N83-20196  
Results of a quality principle on the MTBF of an equipment developed for the A-300 p 304 N83-20212  
Application of an analytical method to the elaboration of a maintenance program for a new aircraft p 242 N83-20227  
Trends in software reliability for digital flight control  
[NASA-CR 166456] p 411 N83-24194  
The impact of reliability improvement warranties on naval aviation maintenance at the fleet level  
[AD-A126810] p 658 N83-33841  
Structural Controls  
[NASA-CP-2277] p 688 N83-33896

**RELIEF MAPS**  
Evolution of map display optical systems p 681 A83-44830

**REMOTE CONSOLES**  
Single chip Bus Interface Unit eases MIL-STD-1553B remote terminal/bus controller designs p 63 A83-11185  
The remote link unit A demonstration of operational performance Part 3 Design manual, volume 1  
[AD-A124621] p 476 N83-25934  
The remote link unit A demonstration of operational performance Part 3 Design manual Volume 2 Appendices A - C  
[AD-A124622] p 476 N83-25935  
The remote link unit A demonstration of operational performance Part 2 User's manual  
[AD-A124620] p 476 N83-25938  
The remote link unit A demonstration of operational performance part 1  
[AD-A124619] p 476 N83-25939

**REMOTE CONTROL**  
Designing a mini-RPV for a world endurance record p 2 A83-11000  
Remotely driven model control surfaces for efficient wind tunnel operations  
[AIAA PAPER 83-0148] p 172 A83-16556

## REMOTE SENSING

Design study for remotely piloted, high-altitude airplanes powered by microwave energy  
[AIAA PAPER 83-1825] p 520 A83-38657

### REMOTE SENSING

Remote sensing of problem birds in aviation p 196 A83-21876  
An integrated multisensor aircraft track recovery system for remote sensing p 257 A83-26266  
Estimation of turbulence severity in precipitation environments by radar p 360 A83-27044  
Lidar remote-sensing - Fluorescence and differential reflectance experiments p 704 A83-45420  
Manne gravity measurement from fixed wing aircraft p 696 A83-46111  
Coherent CO2 lidar systems for remote atmospheric measurements p 760 A83-47808  
Modular Airborne Remote Sampling and Sensing System (MARSSS) [DE82-014657] p 361 N83-21495  
Greenland 1979 microwave remote sensing data catalog report, 14-15 October 1979 [NASA-TM-84571] p 362 N83-21730  
Modular Airborne Remote Sampling and Sensing System (MARSSS) [DE82-005691] p 410 N83-25226  
Variable acuity remote viewing system flight demonstration [NASA-CR-170404] p 531 N83-29204  
Advances in sensors and their integration into aircraft guidance and control systems [AGARD-AG-272] p 712 N83-34891

### REMOTE SENSORS

ICNIA - Lessons learned on sensor integration --- Integrated Communication Navigation Identification Avionics p 18 A83-11096  
Multifunction CO2 NOE sensor - A status report --- Nap-Of-the-Earth p 35 A83-11147  
Stimulus variables affecting dynamic target acquisition p 209 A83-22590  
Imaging sensors for an RPV payload p 610 A83-43721

### REMOTELY PILOTED VEHICLES

Air bag impact attenuation system for the AQM-34V remote piloted vehicle p 29 A83-10188  
Designing a mini-RPV for a world endurance record p 2 A83-11000  
U.S. Army considers Aquila RPV ready to field p 30 A83-13025  
Noise and detectability characteristics of small-scale remotely piloted vehicle propellers p 199 A83-13162  
In-flight deflection measurement of the HiMAT aerodynamically tailored wing p 189 A83-13167  
The Aquila - A versatile, cost-effective military tool shows its potential p 192 A83-16399  
The 'Flying Peanut' - Revolutionary design promises high performance p 192 A83-16400  
Flight test results of an active flutter suppression system p 216 A83-22164  
Propulsion systems of flight vehicles and drones - Conditions, requirements, and current and future propulsion systems [DGLR PAPER 82-086] p 275 A83-24198  
A samarium cobalt motor-controller for mini-RPV propulsion p 336 A83-27187  
Development of a mini RPV - Stabileye p 326 A83-28180  
Battlefield surveillance RPVs bring it 'live' p 371 A83-30075  
A true air speed sensor for miniature unmanned aircraft p 444 A83-36613  
HiMAT onboard flight computer system architecture and qualification p 529 A83-37061  
Design study for remotely piloted, high-altitude airplanes powered by microwave energy [AIAA PAPER 83-1825] p 520 A83-38657  
A family of small low cost gas turbines for unmanned vehicle systems p 615 A83-42616  
Remotely piloted vehicles, International Conference, 3rd, Bristol, England, September 13-15, 1982, Proceedings and Supplementary Papers p 600 A83-43700  
Development of low cost RPVs under Indian conditions p 600 A83-43701  
A rocket-boosted sea launched target system p 600 A83-43702  
A low signature RPV p 600 A83-43703  
AN/USD-502 (CL 289) reconnaissance drone system p 601 A83-43704  
The SKYEYE R-4E surveillance system p 601 A83-43705  
Canadair rotary wing RPV technology development p 601 A83-43706  
ASAT - The U.K.'s new turbo jet RPV p 601 A83-43707  
The application of gyroscopes in remotely piloted vehicles p 609 A83-43708

Brushless generators for remote piloted vehicles p 616 A83-43709

The aerodynamics of small RPV's p 601 A83-43710

Low cost expendable turbojet engines p 616 A83-43711

Pyroelectric IR imaging sensors - The potential for compact inexpensive RPV payloads p 609 A83-43712

A ground control system for UMA --- unmanned aircraft p 592 A83-43713

Phoenix GCS - Some considerations which influence the design of computer assisted ground control stations for RPV p 592 A83-43714

Launch and recovery techniques for RPVs p 601 A83-43715

Extended uses of the Aquila RPV system p 601 A83-43716

Scout - A real time intelligence and surveillance system p 602 A83-43717

Digital simulation and control of the Machan UMA p 593 A83-43718

A range of lightweight engines for RPV's p 616 A83-43719

A versatile thermal imager for RPV applications p 610 A83-43720

Imaging sensors for an RPV payload p 610 A83-43721

A multi-function radar system for RPVs p 593 A83-43722

A flight control and navigation system for small RPVs p 593 A83-43723

Recovery system for the Lockheed Aquila RPV p 630 A83-43724

Army aircraft requirements in the 1990's - A view forward [AIAA PAPER 83-2434] p 710 A83-48326

Simulations used in the development and flight test of the HiMAT vehicle [AIAA PAPER 83-2505] p 727 A83-48355

DOD's use of remotely piloted vehicle technology offers opportunities for saving lives and dollars [MASAD-81-20] p 72 N83-10875

Wind-tunnel investigation of longitudinal and lateral-directional stability and control characteristics of a 0.237-scale model of a remotely piloted research vehicle with a thick, high-aspect-ratio supercritical wing [NASA-TM-81790] p 53 N83-11142

A flight test maneuver autopilot for a highly maneuverable aircraft [NASA-TM-81372] p 205 N83-13115

Performance of high-altitude, long-endurance, turboprop airplanes using conventional or cryogenic fuels [NASA-TM-84534] p 207 N83-17530

Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft [NASA-TM-84901] p 265 N83-18710

Unmanned vehicle systems experiences at the Dryden Flight Research Facility --- remotely piloted vehicles [NASA-TM-84913] p 526 N83-27978

Wind-tunnel investigation of aerodynamic loading on a 0.237-scale model of a remotely piloted research vehicle with a thick, high-aspect-ratio supercritical wing [NASA-TM-84614] p 506 N83-29176

Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft p 628 N83-30380

RENE 95 Powder metallurgy Rene 95 rotating turbine engine parts, volume 2 [NASA-CR-165141] p 178 N83-15412

REPLACING Emulation, a cost effective alternative for replacing obsolete ATE p 69 A83-10763

Fire resistant films for aircraft applications [NASA-TM-84337] p 352 N83-22320

REQUIREMENTS Microwave Landing System (MLS) channel plans and traffic loading [AD-A117597] p 28 N83-11110

RESCUE OPERATIONS Search and rescue locator beacons - The British concept p 183 A83-15418

U.S. Navy search and rescue Model Manager p 183 A83-15424

U.S. Navy helicopters in combat search and rescue [AD-A122451] p 333 N83-22195

An evaluation of SARP (search and rescue planning system) drift predictions using satellite-tracked drift-buoys [AD-A127987] p 589 N83-31588

Air transportable AS32/P-4 crash rescue vehicle [NASA-TM-82068] p 669 N83-33864

RESEARCH Composite structural materials [NASA-CR-169859] p 226 N83-17597

Three-Dimensional Displays Perceptual Research and Applications to Military Systems [AD-A122577] p 309 N83-20692

Critical research issues on cockpit applications of 3-D displays p 272 N83-20697

Issues in the evaluation of 3-D display applications p 309 N83-20699

Applicability of 3D display research to operational needs p 272 N83-20702

Activities of the Institute of Sound and Vibration Research p 707 N83-33687

RESEARCH AIRCRAFT Selected results from the quiet short-haul research aircraft flight research program p 189 A83-13165

Acoustic measurements of a full-scale coaxial helicopter [AIAA PAPER 83-0722] p 264 A83-25933

The research aircraft of the Special Research Area 'Flight Control' as scientific test stand p 264 A83-26484

Unique flight characteristics of the AD-1 oblique-wing research airplane p 386 A83-32588

On the propulsion system of the NAL quiet STOL research aircraft p 446 A83-35831

Indoctrination of Navy test pilots to vectored thrust flight in the X-22A in-flight simulator [AIAA PAPER 83-1076] p 436 A83-36205

The F-16 - A technology demonstrator, a prototype, and a flight demonstrator [AIAA PAPER 83-1063] p 438 A83-36467

X-29 integrated technology demonstrator and ATF [AIAA PAPER 83-1058] p 438 A83-36469

The Northrop Flying Wing prototypes [AIAA PAPER 83-1047] p 416 A83-36471

Configuration development of a research aircraft with post-stall maneuverability p 439 A83-36915

Supersonic STOVL research aircraft [SAE PAPER 821375] p 517 A83-37985

Astrolane - The Airbus proposal p 573 A83-40456

Identification of aerodynamic coefficients using flight testing data [AIAA PAPER 83-2099] p 597 A83-41929

The Integrated Technology and Flight Research Rotor Technology demonstrators for the 1985-1995 timeframe p 677 A83-46928

Research and development of helicopters in Europe p 677 A83-46929

Effects of wing trailing-edge truncation on aerodynamic characteristics of a NASA supercritical-wing research airplane model [NASA-TM-X-3024] p 4 N83-11021

Dynamic stability characteristics in pitch, yaw, and roll of a supercritical-wing research airplane model --- Langley 8-foot transonic tunnel tests [NASA-TM-X-2900] p 4 N83-11023

Stability and control characteristics Including aileron hinge moments of a model of a supercritical-wing research airplane [NASA-TM-X-2929] p 4 N83-11024

Wind-tunnel measurements of the chordwise pressure distribution and profile drag of a research airplane model incorporating a 17-percent-thick supercritical wing [NASA-TM-X-2760] p 5 N83-11027

Investigation at near-sonic speed of some effects of humidity on the longitudinal aerodynamic characteristics of a NASA supercritical wing research airplane model [NASA-TM-X-2618] p 5 N83-11029

Propulsive performance of 2-dimensional thin airfoils undergoing large-amplitude pitch and plunge oscillations --- ornithopter aircraft [UTIAS-TN-226] p 180 N83-13074

Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft [NASA-TM-84901] p 265 N83-18710

The quiet short-haul research aircraft p 268 N83-20832

Small transport aircraft technology [NASA-SP-460] p 331 N83-20931

RESEARCH AND DEVELOPMENT A survey of avionics software support environments p 70 A83-11163

New threat simulator /NETS/ a multi-sensor R & D tool for EW development p 56 A83-11238

Engine technology for the next decade p 41 A83-12098

Aeronautical research - Some current influences and trends /The Second Sir Fredrick Page Lecture/ p 3 A83-12851

Recent progress in V/STOL technology p 3 A83-12852

The next generation - The Stencil S45 ejection seat development program p 191 A83-15440

Highlights of the new national aeronautical research and technology policy p 175 A83-16374

Development of a flight test maneuver autopilot for a highly maneuverable aircraft  
[AIAA PAPER 83-0061] p 168 A83-16493

The development of radio engineering  
p 180 A83-16898

Development of inertial navigation and its employment in measurement technology p 141 A83-16900

Studies of aerofolds and blade tips for helicopters  
p 135 A83-17317

The role of the research establishments in the developing world of aerospace p 128 A83-18963

USAF ground fiber optic development program  
p 228 A83-19711

Aviation system technology from the point of view of the aircraft manufacturer  
[DGLR PAPER 82-025] p 242 A83-24152

Economic conditions and key points of BMFT air transport research requirements in the eighties  
[DGLR PAPER 82-044] p 242 A83-24168

Development trends regarding jet engines for future combat aircraft  
[DGLR PAPER 82-072] p 275 A83-24186

New technologies from developments in air transport and space travel  
[DGLR PAPER 82-074] p 310 A83-24188

Digital engine control unit - Future employment possibilities  
[DGLR PAPER 82-085] p 275 A83-24197

Helicopter engine development - New standards for the '80s  
p 278 A83-24837

Review of shock tube and shock tunnel advancements at NAL  
p 290 A83-26127

A new, diaphragmless, flexible, luminous shock tube  
p 290 A83-26131

An analytical comparison of two wing structures for Mach 5 cruise airplanes  
[AIAA 83-0974] p 329 A83-29806

Crashing for safety  
p 378 A83-31588

Powder metallurgy of titanium alloys -- Book  
p 403 A83-32599

From Voyageur on - The exploitation of an opportunity to develop a Canadian air cushion vehicle industry --- developing Canadian Air Cushion Vehicle Industry  
p 485 A83-35052

Developments in air cushion vehicle spray suppression  
p 486 A83-35056

Skirts - Time for a new look?  
p 486 A83-35058

The Transportation Development Centre contribution to air cushion technology  
p 486 A83-35059

Design and development of a small gas turbine engine  
Results today - A basis for design criteria of a next generation  
p 446 A83-35829

Design and development of a nozzle extendible exit cone  
[AIAA PAPER 83-1410] p 467 A83-36399

Fighter engine cycle selection  
[AIAA PAPER 83-1300] p 457 A83-36412

Aerospace technology demonstrators/research and operational options  
[AIAA PAPER 83-1054] p 438 A83-36465

V/STOL status from the engine technology viewpoint  
p 458 A83-36912

Status of hydrogen development for aircraft in five countries - A Canadian perspective  
p 566 A83-39562

Universities - Have they a role in aeronautical research?  
Noise research  
p 652 A83-42617

Universities - Have they a role in aeronautical research?  
Structures and materials  
p 642 A83-42618

Universities - Have they a role in aeronautical research?  
Flight mechanics, avionics and space  
p 575 A83-42619

Universities - Have they a role in aeronautical research?  
Contribution to RAeS discussion evening -- university department planning for aeronautical research  
p 654 A83-42620

Universities - Have they a role in aeronautical research?  
Aerodynamics  
p 580 A83-42621

World aeronautical research - III  
p 576 A83-43033

SITA - Advanced telecommunications services -- for air transport industry  
p 670 A83-45079

Research and development of helicopters in Europe  
p 677 A83-46929

Ten years of promoting the development of air transport research  
p 709 A83-47185

Nitrogen ceramics in France  
p 757 A83-48310

Army aircraft requirements in the 1990's A view forward  
[AIAA PAPER 83-2434] p 710 A83-48326

Aeronautics research and technology A review of proposed reductions in the FY 1983 NASA program  
[NASA-CR-169386] p 224 A83-13024

Research and technology annual report, 1982  
[NASA-TM-84312] p 192 A83-16273

Aeronautical research and technology policy Volume 1 Summary report p 187 A83-17452

Aeronautical research and technology policy, volume 2 p 372 A83-23268

NASA transmission research and its probable effects on helicopter transmission design  
[NASA-TM-83389] p 408 A83-24858

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[AD-A123961] p 487 A83-26783

AGARD Bulletin Meetings, publications, membership  
[AGARD-BULL-83/1] p 417 A83-26786

Considerations of technology transfer barriers in the modification of strategic superalloys for aircraft turbine engines  
[NASA-TM-83395] p 554 A83-29360

**RESEARCH FACILITIES**

75th anniversary of the establishment of the Aerodynamic Experimental Institute of Goettingen  
p 127 A83-16896

The man-vehicle systems research facility - A new NASA aeronautical R & D facility  
[AIAA PAPER 83-1098] p 463 A83-36218

Ames Research Center overview p 243 A83-20831

Experimental aerodynamic facilities of the Aerodynamics Research and Concepts Assistance Section  
[AD-A126272] p 549 A83-29274

**RESEARCH MANAGEMENT**

Government financial support for civil aircraft research, technology and development in four European countries and the United States  
[NASA-CR-169537] p 225 A83-14022

Research and technology annual report, 1982  
[NASA-TM-84312] p 192 A83-16273

Activities report of the French aerospace and research industry  
p 221 A83-17564

**RESEARCH PROJECTS**

Deutsche Forschungs- und Versuchsanstalt fuer Luft und Raumfahrt, Annual Report 1981 -- Book  
p 241 A83-23850

An over-view of UTIAS research on the dynamic stability of air cushion vehicles  
p 484 A83-34853

**RESEARCH VEHICLES**

Flight test results of an active flutter suppression system  
p 216 A83-22164

Design and development of the RF-5E aircraft  
p 327 A83-29015

**RESIDENTIAL AREAS**

Airports as a threat to public safety --- Book  
p 668 A83-46420

**RESIDUAL STRESS**

On the effect of residual stresses on crack growth from a hole  
[AIAA 83-0840] p 355 A83-29747

Investigation methods on residual stresses in aero engines components  
p 449 A83-35879

Fatigue of composite bolted joints under dual load levels  
p 559 A83-40158

**RESIDUES**

A fundamental approach to the sticking of insect residues to aircraft wings  
[NASA-CR-173063] p 679 A83-33875

**RESIN BONDING**

Analysis of bonded repairs to damaged fibre composite structures  
p 209 A83-13200

Cold-setting adhesives for repair purposes using various surface preparation methods  
p 210 A83-15874

Automatized bonding process for load-bearing aircraft cellular structural components in light contour systems  
p 709 A83-47198

**RESIN MATRIX COMPOSITES**

A new high impact resin system for advanced composites with 300 F / 150 C properties  
p 222 A83-20429

Fracture tough composites - The effect of toughened matrices on the mechanical performance of carbon fiber reinforced laminates  
p 294 A83-23642

Surface notches in composites  
p 294 A83-23931

Use of composites in aero-engines  
[PNR-90149] p 554 A83-29322

Introduction to Lectures on Composite Materials for Aircraft Structures  
p 635 A83-30524

**RESOLUTION**

Minimum TCAS 2 threat detection and resolution logic status  
p 145 A83-14089

TCAS 2 threat detection and resolution logic testing  
p 145 A83-14090

**RESOLVERS**

Four-channel multiplexed resolver-to-digital converter  
p 34 A83-11100

**RESONANCE**

Laboratory modeling and analysis of aircraft-lightning interactions  
[NASA-CR-169455] p 15 A83-10023

**RESONANCE TESTING**

Multi point excitation ground resonance test facility at British Aerospace Warton  
[BAE TN-5411] p 209 A83-13128

**RESONANT FREQUENCIES**

Nonlinear flapping vibrations of rotating blades  
p 66 A83-13004

Natural frequency of rotating beams using non-rotating modes  
p 181 A83-18383

Theoretical estimate of the effect of the rotation of impellers on their natural frequencies  
p 558 A83-39508

The effect of damage in structural elements on the ground resonance of a helicopter  
p 731 A83-49446

Resonance tests on the tail of a CT4 aircraft  
[AD-A124566] p 441 A83-25703

**RESONANT VIBRATION**

On an algorithm for solving the incomplete eigenvalue problem in the vibration analysis of complex structures of fuselage type  
p 354 A83-29278

An analysis of the natural vibrations of the rotors of centrifugal compressor machines  
p 405 A83-30310

Excitation and vibration of flexible bladed disks under operating and simulated operation conditions  
p 449 A83-35881

Numerical analysis of natural, coupled, longitudinal-lateral vibrations of an asymmetric aeroplane  
p 641 A83-42334

Structural response due to blade vane interaction  
[ASME PAPER 83-GT 133] p 740 A83-47960

Vibration analysis of radial compressor impellers  
[ASME PAPER 83-GT-156] p 761 A83-47982

**RESPONSE TIME (COMPUTERS)**

A technical analysis of rehosting the National Aerospace System software  
[AD-A118828] p 187 A83-12069

**RESPONSES**

Effect of control system delays on fighter flying qualities  
p 51 A83-10072

**RETORT PROCESSING**

Refining of military jet fuels from shale oil Volume 3, part 2 Above ground shale oil process data  
[AD-A128635] p 758 A83-35162

**RETRACTABLE EQUIPMENT**

Extended moment arm anti-spin device  
[NASA-CASE-LAR-12979 1] p 505 A83-29173

**RETROFITTING**

The remanufacturers -- of passenger aircraft  
p 127 A83-18075

The recipe for re engineering jet transports  
[SAE PAPER 821441] p 518 A83-37989

Re engineering the 737  
[SAE PAPER 821442] p 518 A83-37990

Re-engineering studies on the P-3 aircraft  
[SAE PAPER 821445] p 519 A83-37993

Gas turbine performance improvement by retrofit of advanced technology  
[ASME PAPER 83-GT 222] p 762 A83-48020

The problems of refitting aero-gas turbine engines for multiple uses  
p 43 A83-11052

The use of vortex generators as inexpensive compressor casing treatment  
p 459 A83-26798

Improved interior emergency lighting study  
[DOT/FAA/CT-83/31] p 721 A83-36010

**RETROREFLECTORS**

Identification of exit taxiways (retroreflective markers only)  
[AD-A117487] p 58 A83-11151

Evaluation of retroreflective pavement markers for precision and nonprecision runways  
[FAA-CT-82-112] p 220 A83-17558

**REUSE**

F100 engine build policy findings  
[AD-A122868] p 311 A83-20907

**REVERBERATION**

Parameters for design of reverberant acoustic chambers for testing air-carned missiles  
p 73 A83-10235

**REVERSED FLOW**

Effect of broad properties fuel on injector performance in a reverse flow combustor  
[AIAA PAPER 83-0154] p 210 A83-21079

Application of 3D aerodynamic/combustion model to combustor primary zone study  
[AIAA PAPER 83-1265] p 454 A83-36316

A reverse flow chamber for small turbomachines  
[ONERA, TP NO 1983-30] p 683 A83-44309

Hot wire thermal tuft development for measurement of flow reversal near a compressor blade  
p 216 A83-12274

Effect of broad properties fuel on injector performance in a reverse flow combustor  
[NASA-TM-83013] p 202 A83-13101

Dilution jet experiments in compact combustor configurations  
p 538 A83-29218

**REVISIONS**

Centrifuge tests of modifications to the MA-2 aircrewman torso harness, phase 1  
[AD-A126416] p 669 A83-33860

## REYNOLDS NUMBER

- Support-sting interference on boattail pressure drag for Reynolds numbers up to 70 x 10 to the 6th  
[AIAA PAPER 83-0387] p 172 A83-16687
- The transonic wind tunnel Braunschweig of DFLVR  
p 217 A83-19663
- Investigation of flow past an aircraft wing section in flight and in a wind tunnel p 493 A83-37506
- Fiat spin of bodies with circular cross-section  
[AIAA PAPER 83-2147] p 626 A83-41968
- A unique flight test facility Description and results  
[NASA-TM-84900] p 208 A83-13124
- Effect of steady-state pressure distortion on inlet flow to a high-bypass-ratio turbofan engine  
[NASA-TM-82964] p 166 A83-15306
- Trends of Reynolds number effects on two-dimensional airfoil characteristics for helicopter rotor analyses  
[NASA-TM-84363] p 377 A83-24472
- Basic investigations for the use of wind tunnel models in the ETW --- transonic wind tunnels  
[BMFT-FB-W-82-023] p 402 A83-24522
- Condensation studies in cryogenic nitrogen expansions p 465 A83-25720
- Problems involved by the instrumentation and the conception of cryogenic tests p 465 A83-25725
- Comparison of flight and wind tunnel buffeting measurements on the SAAB 105 aircraft p 604 A83 30369
- Preliminary engineering study Quick opening valve MSCF high Reynolds number wind tunnel  
[NASA-CR-170845] p 632 A83-31612
- The effect of the Reynolds number on turbomachines --- turbocompressors p 687 A83-34838

## REYNOLDS STRESS

- Rotation and curvature effects on Reynolds stresses in boundary layers  
[ONERA, TP NO 1982-81] p 213 A83-14533
- Numerical computation of turbulent flow around the spinner of a turbofan engine p 418 A83 35838

## RHEOLOGY

- Rheological behavior of FM-9 solutions and correlation with flammability test results and interpretations --- fuel thickening additive p 691 A83-44856
- Degradation and characterization of antimisting kerosene (AMK)  
[MED-132] p 297 A83-19922

## RIBBON PARACHUTES

- Calculated and experimental stress distributions in a ribbon parachute canopy p 181 A83-13168

## RIDING QUALITY

- Higher harmonic control for the jet smooth ride p 396 A83-33096
- Application of optimal control theory to aircraft gust load alleviation p 619 A83-41484
- Operational military helicopter interior noise and vibration measurements with comparisons to ride quality criteria  
[AIAA PAPER 83-2526] p 728 A83-48364
- Active gust load alleviation and ride comfort improvement p 751 A83-49193
- Application of advanced technologies to small, short-haul transport aircraft (STAT)  
[NASA-CR-152362] p 192 A83-12072
- Application of variable-sweep wings to commuter aircraft p 265 A83-18713
- Ride quality systems for commuter aircraft  
[NASA-CR-166118] p 397 A83-24512

## RIGID ROTORS

- Military potential of the ABC p 30 A83-12097
- Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight p 433 A83-33506
- Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight p 435 A83-35948
- Investigations of hingeless rotor stability p 600 A83-43674
- Hingeless and bearingless main rotor in a fiber composite type of construction for dynamic systems of future helicopters p 724 A83-47195
- A jointless and bearingless tail rotor of fiber-reinforced-composite construction p 725 A83-47215
- Aeromechanical stability of a hingeless rotor in hover and forward flight - Analysis and wind tunnel tests p 732 A83 50141
- Efficient algorithms for computing trim and small-disturbance equations of motion of aircraft coordinated and uncoordinated, steady, steep turns  
[NASA-TM-84324] p 343 A83 22205
- Correlation aspects of analytical, wind tunnel and flight test results for a hingeless rotor helicopter p 604 A83-30373

## RIGID STRUCTURES

- The dynamic collapse of a column impacting a rigid surface p 639 A83-40873
- Rigid-body structural mode coupling on a forward swept wing aircraft p 594 A83 41046

- Application of semi-rigid pavements in rapid runway repair p 175 A83-15289

## RIGID WINGS

- Energetics and optimum motion of oscillating lifting surfaces --- energy losses of rigid wings  
[AIAA PAPER 83-1710] p 492 A83-37204

## RING LASERS

- Performance of a Strapdown Ring Laser Gyro Tetrad Inertial Navigation System in a helicopter flight environment p 322 A83-28781
- Navigation National plans, NAVSTAR-GPS, Laser gyros  
[AD-A125533] p 515 A83-29194

## RING STRUCTURES

- The interaction between a separated blade and the armor ring p 337 A83-28510
- Effects of noise radiated from convected ring sources in coaxial dual flow Part 1 The noise from unheated jets  
[NASA-CR-169737] p 238 A83-17238

## RISK

- Collision risk models p 14 A83-13012

## RIVERS

- USSR report Transportation, no 98  
[JPRS-82053] p 176 A83-13060

## RIVETING

- The Avdel MBC aerospace blind riveting system p 62 A83-10870
- Automated riveter for spherical aircraft cell structures p 709 A83-47182
- Economic riveting --- metal fatigue p 697 A83-32714

## ROBOTS

- Robotic testing for digital systems --- for software in avionics and flight control systems  
[SAE PAPER 821422] p 568 A83-37979
- Automated riveter for spherical aircraft cell structures p 709 A83-47182
- An expert distributed robotics system with comprehension and learning abilities in the aircraft flight domain  
[AD-A127739] p 652 A83-32401

## ROBUSTNESS (MATHEMATICS)

- Robust model following systems p 220 A83-16146
- Application of vector performance optimization to a robust control loop design for a fighter aircraft p 215 A83-21160
- A variable structure approach to robust control of VTOL aircraft p 544 A83-37145
- Robust fault detection, isolation, and accommodation to support integrated aircraft control  
[AIAA PAPER 83-2161] p 619 A83-41661
- Robustness analysis of a multiloop flight control system  
[AIAA PAPER 83-2189] p 619 A83-41675
- Robustness of a decoupled multivariable digital flight control system p 622 A83-41738
- Flight control system design using robust output observers p 343 A83-22105
- Robust reconfiguration for high reliability and survivability for advanced aircraft p 688 A83-33898

## ROCKET CATAPULTS

- First stage propulsion for the maximum performance ejection system p 190 A83-15421

## ROCKET ENGINE DESIGN

- Liquid propellant rocket development by the U.S. Navy during World War II  
[IAF PAPER 83-298] p 755 A83-47333
- Complex optimization of engine systems for spacecraft control --- Russian book on low thrust propulsion control p 755 A83-48248

## ROCKET ENGINES

- Theory and design of flight-vehicle engines --- Russian book p 211 A83-22651
- International Symposium on Air Breathing Engines, 6th, Paris, France, June 6-10, 1983, Symposium Papers p 445 A83-35801
- The reaction motors division - Thiokol Chemical Corporation --- management history of aerospace rocket engine products  
[IAF PAPER 83-289] p 755 A83-47330
- The evaluation of the rolling moments induced by wraparound fins  
[NASA-TM-84381] p 506 A83-29180

## ROCKET FLIGHT

- The fundamental geometrical and aerodynamic characteristics of aircraft and rockets --- Russian book p 7 A83-10669
- Effective aerodynamic parameter evaluation from free flight tests p 203 A83-21005
- A critique of the Bell Helicopter Textron COBRA 2 75 inch rocket ballistic algorithm  
[AD-A123703] p 390 A83-24502

## ROCKET LAUNCHING

- The evaluation of the rolling moments induced by wraparound fins  
[AIAA PAPER 83-1840] p 545 A83-38669

## ROCKET TEST FACILITIES

- On-board instrumentation for test vehicles with varying roll rates  
[AIAA PAPER 83-0570] p 158 A83-16797

## ROLL

- Estimating roll coupling instability for highly augmented aircraft  
[AIAA PAPER 83-0366] p 169 A83-16673
- On-board instrumentation for test vehicles with varying roll rates  
[AIAA PAPER 83-0570] p 158 A83-16797
- Subsonic roll oscillation experiments on the Standard Dynamics Model  
[AIAA PAPER 83-2134] p 626 A83-41956
- Terminal area automatic navigation, guidance and control research using the Microwave Landing System (MLS) Part 5 Design and development of a Digital Integrated Automatic Landing System (DIALS) for steep final approach using modern control techniques  
[NASA-CR-3681] p 345 A83-22213
- Experimental testing of flying qualities theorems  
[AD-A124699] p 440 A83-25697
- Contribution of wing planform to derivatives of yawing moment and sideforce due to roll rate at subsonic speeds (N sub p) sub w and (Y sub p) sub w  
[ESDU-81014] p 663 A83-32756
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of roll, (Y sub p) sub F, (N sub p) sub F, (L sub p) sub F, in the presence of body, wing and tailplate  
[ESDU-83006] p 665 A83-32770
- Short takeoff performance using a gravity assist ski jump  
[AD-A126456] p 679 A83-33879

## ROLLER BEARINGS

- The load-life relationship for M50 steel bearings with silicon nitride ceramic balls  
[ASLE PREPRINT 82-LC-3C-4] p 212 A83-13239
- Ion implanting bearing surfaces for corrosion resistance  
[ASME PAPER 82-LUB-23] p 209 A83-13512
- Advances in high speed rolling-element bearings --- for aircraft engine and transmission application p 231 A83-22319
- Design of an advanced 500-HP helicopter transmission p 277 A83-24834
- Development of counter-rotating intershaft support bearing technology --- for aircraft gas turbine engines p 392 A83-32587
- Eccentric end wear in cylindrical roller bearings can be predicted and prevented  
[AIAA PAPER 83-1132] p 474 A83-36237
- Tapered roller bearings for turbine engines p 641 A83-42559
- Increasing the wear life of gas turbine engine roller bearings p 184 A83-15507
- Bearing fatigue investigation 3  
[NASA-CR-168029] p 233 A83-17880
- Advanced Power Transmission Technology  
[NASA-CR-2210] p 302 A83-20119
- Large-bore tapered-roller bearing performance and endurance to 2.4 million DN p 303 A83-20134
- Energy efficient engine Core engine bearings, drives and configuration Detailed design report  
[NASA-CR-165376] p 617 A83-30430
- Designing with rolling bearings Part 3 Special types  
[ESDU-82014] p 698 A83-33160

## ROLLING CONTACT LOADS

- Recent aircraft tire thermal studies  
[SAE PAPER 821392] p 517 A83-37968

## ROLLING MOMENTS

- Subsonic rolling moments for wing roll control of a cruciform missile model p 285 A83-24876
- Stability of aircraft motion in critical cases p 544 A83 37066
- The evaluation of the rolling moments induced by wraparound fins  
[AIAA PAPER 83-1840] p 545 A83-38669
- Induced rolling moment on wings of a missile with tilt-wings in "X-X" configuration at supersonic speeds p 627 A83-43689
- The evaluation of the rolling moments induced by wraparound fins  
[NASA-TM-84381] p 506 A83-29180
- Contribution of wing planform to rolling moment derivative due to sideslip, (L sub V) sub W, at subsonic speeds  
[ESDU-80033] p 663 A83-32751
- Effect of trailing-edge flaps on rolling moment derivative due to sideslip, (L sub V) sub F  
[ESDU-80034] p 663 A83-32752

Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to sideslip, (Y sub v) sub f, (N sub v) sub f, (L sub v) sub f, in the presence of body, wing and tailplane  
[ESDU-82010] p 684 N83-32763

Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of yaw, (Y sub r) sub F, (N sub r) sub F, (L sub r) sub F, in the presence of body, wing and tailplane  
[ESDU-82017] p 684 N83-32764

Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of roll, (Y sub p) sub F, (N sub p) sub F, (L sub p) sub F, in the presence of body, wing and tailplane  
[ESDU-83006] p 665 N83-32770

Estimation of rolling moment derivative due to sideslip for complete aircraft at subsonic speeds  
[ESDU-81032-AMEND-A] p 678 N83-32791

**ROOMS**

Wind-tunnel research of flowfields within naturally ventilated rooms of simple geometry  
[DE83-008110] p 644 N83-30813

**ROTARY GYROSCOPES**

CONEX gyroscope p 354 A83-28782

A new strapdown attitude algorithm p 511 A83-37068

**ROTARY STABILITY**

Wind tunnel results showing rotor vibratory loads reduction using higher harmonic blade pitch p 169 A83-18385

Stability of two-bladed aeroelastic rotors on flexible supports p 152 A83-18387

A note on rotor-bearing stability p 298 A83-23706

Theoretical estimate of the effect of the rotation of impellers on their natural frequencies p 558 A83-39508

Characteristics of the occurrence and elimination of a stall in an axial-flow compressor in the presence of a rotating irregularity at the inlet p 613 A83-42132

Labyrinth seal forces on a whirling rotor  
[NASA-CR-168016] p 339 N83-22198

F-14 rotary balance tests for an angle-of-attack range of 0 deg to 90 deg  
[AD-A124468] p 441 N83-25700

**ROTARY WING AIRCRAFT**

EASYS balanced load simulation of a bang-bang voltage regulator controlled synchronous generator — of rotor aircraft p 40 A83-11203

The 'Flying Peanut' - Revolutionary design promises high performance p 192 A83-16400

Ames expands rotorcraft capability p 173 A83-18273

Fixed wing and rotary wing flight testing of Navstar GPS as a civilian navigation system p 199 A83-19777

Propulsion systems for rotary wing aircraft with auxiliary propulsors p 276 A83-24827

Canadair rotary wing R P V technology development. II p 601 A83-43706

Experimental program for the evaluation of turbofan/turboshaft c conversion technology  
[NASA-TM-82988] p 44 N83-11130

Rotorcraft convertible engines for the 1980s  
[NASA-TM-83008] p 201 N83-12091

Aeronautics research and technology program and specific objectives  
[NASA-TM-85163] p 176 N83-13059

Dynamic stability of flight vehicles  
[AD-A119637] p 170 N83-14137

Rotorcraft air transportation p 251 N83-20834

Community rotorcraft air transportation. Opportunities and benefits p 252 N83-20836

Large rotorcraft transmission technology development program  
[NASA-CR-168120] p 332 N83-22188

Research and analysis of head-directed area-of-interest visual system concepts  
[NASA-CR-168480] p 487 N83-26849

Rotorcraft convertible engine study  
[NASA-CR-168161] p 537 N83-27996

A survey of serious aircraft accidents involving fatigue fracture. Volume 2: Rotary-wing aircraft  
[NAE-AN-8] p 510 N83-29188

X-wing 25 foot diameter Lockheed model whirl test report  
[AD-A128959] p 679 N83-33880

Rotorcraft convertible engine study  
[NASA-CR-168241] p 747 N83-34944

**ROTARY WINGS**

A half-wing near a wall at high angles of attack in a pulsed flow  
[AAAF PAPER NT 81-12] p 8 A83-11773

Noise generated by a propeller or a helicopter rotor p 41 A83-12343

Anisotropic beam theory and applications p 65 A83-12756

Vortex theory for hovering rotors p 177 A83-13144

Helicopter rotor performance evaluation using oscillatory airfoil data p 177 A83-13172

A note on the general scaling of helicopter blade-vortex interaction noise  
[ONERA, TP NO 1982-32] p 221 A83-13375

Principles of helicopter design and construction --- Serbo-Croatian book p 189 A83-14042

Rotation and curvature effects on Reynolds stresses in boundary-layers  
[ONERA, TP NO 1982-81] p 213 A83-14533

Individual blade control independent of a swashplate p 191 A83-16027

A computational method for performing the multiblade coordinate transformation p 191 A83-16029

Some experimental investigations on transonic flutter characteristics of thin plate wing models with sweptback and tapered tips p 150 A83-16926

Aeroelasticity of helicopter rotors in forward flight p 180 A83-17316

Studies of aerofoils and blade tips for helicopters p 135 A83-17317

XH-59A ABC aircraft flight tests at Ft. Rucker, Alabama p 151 A83-18148

Composite technology in the UK helicopter industry p 151 A83-18377

Study of rotor gust response by means of the local momentum theory p 169 A83-18379

Rotor blade flap-lag stability in turbulent flows p 151 A83-18380

Dynamic analysis of constant-lift and free-tip rotors p 181 A83-18386

Stability of two-bladed aeroelastic rotors on flexible supports p 152 A83-18387

Non-linear effect in high speed rotor noise p 190 A83-18393

Noise of a model helicopter rotor due to ingestion of isotropic turbulence p 190 A83-18397

An investigation of the aerodynamics of an RAE swept tip using a model rotor  
[ONERA, TP NO 1982-76] p 136 A83-18426

Damage tolerance and reparability of advanced composite structures p 222 A83-20484

Prediction of the aerodynamic loads on helicopter blades in hovering and axial flight using lifting line theory p 189 A83-21016

The aeroelastic behavior of curved helicopter blades in hovering and axial flight p 203 A83-21017

A simplified model of the influence of elastic pitch variations on the rotor flapping dynamics p 204 A83-21025

Equivalent G/E of helicopter rotor blades --- shear modulus to Young's modulus ratio p 230 A83-22151

Rotor hovering performance using the method of fast free wake analysis p 190 A83-22162

A simulation model for the analysis of the dynamic behavior of a helicopter rotor under nonstationary limit flight conditions p 204 A83-23220

Theoretical and experimental study of helicopter rotor noise  
[ONERA, TP NO 1982-74] p 205 A83-23247

Development of the basic methods needed to predict helicopters' aeroelastic behaviour  
[ONERA, TP NO 1982-75] p 232 A83-23248

Advanced composites structures at Hughes Helicopters, Inc p 260 A83-23645

A note on the tip noise of rotating blades p 305 A83-23708

Wind tunnel study of icing and de-icing on oscillating rotor blades  
[ONERA, TP NO 1982-116] p 247 A83-24327

Comparative trials of helicopter rotors in a wind tunnel  
[ONERA, TP NO 1982-119] p 243 A83-24330

ONERA test facilities for propellers and rotors  
[ONERA, TP NO 1982-121] p 276 A83-24332

Propulsion systems for rotary wing aircraft with auxiliary propulsors p 276 A83-24827

Acoustic measurements of a full-scale coaxial helicopter  
[AIAA PAPER 83-0722] p 264 A83-25933

A comparison of model helicopter rotor Primary and Secondary blade/vortex interaction blade slap  
[AIAA PAPER 83-0723] p 307 A83-25934

A study of helicopter rotor noise, with special reference to tail rotors, using an acoustic wind tunnel p 367 A83-29403

Aeroelastic tailoring of rotor blades for vibration reduction in forward flight  
[AIAA 83-0916] p 329 A83-29844

A closed-form analysis of rotor blade flap-lag stability in hover and low-speed forward flight in turbulent flow  
[AIAA 83-0986] p 330 A83-29854

Identification of helicopter rotor dynamic models  
[AIAA 83-0988] p 330 A83-29866

A discretized asymptotic method for unsteady helicopter rotor airloads  
[AIAA 83-0989] p 313 A83-29867

Development of two airfoil sections for helicopter rotor blades p 374 A83-31623

Smooth and simple - The Bell Model 680 bearingless main rotor p 388 A83-33098

Evaluation of the effect of voids in composite main rotor blades p 472 A83-33507

A tubular braided composite main rotor blade spar p 435 A83-35949

Evaluation of the effect of voids in composite main rotor blades p 435 A83-35950

The super stallion --- CH-53E helicopter design features p 435 A83-36075

Spectral decontamination of a real-time helicopter simulation  
[AIAA PAPER 83-1087] p 436 A83-36211

Navier-Stokes calculations for the vortex wake of a rotor in hover  
[AIAA PAPER 83-1676] p 492 A83-37184

Super choppers --- helicopters with counter rotating rotors p 521 A83-38700

The dynamics of a helicopter rotor structure p 523 A83-39485

New insights in structural design of composite rotor blades for helicopters p 525 A83-40287

Blade design for reduced helicopter vibration p 594 A83-41076

Effects of rotor inertia and rpm control on helicopter handling qualities  
[AIAA PAPER 83-2070] p 623 A83-41907

On approximating higher-order rotor dynamics in helicopter stability-derivative models  
[AIAA PAPER 83-2088] p 624 A83-41920

Formulation and solution of rotary-wing aeroelastic stability and response problems p 600 A83-43673

The impact of missions on the preliminary design of an ABC rotor  
[SAWE PAPER 1501] p 603 A83-43760

The S2Ch subsonic wind tunnel and its utilization for detailed studies of helicopter rotors  
[ONERA, TP NO 1983-27] p 688 A83-44306

Pneumatic rotor blade deicing p 676 A83-46926

The Integrated Technology and Flight Research Rotor Technology demonstrators for the 1985-1995 timeframe p 677 A83-46928

The system ARIS and its employment in the development of future helicopters p 725 A83-47196

Transonic effects on helicopter rotor blades p 716 A83-49178

Developments in UK rotor blade technology  
[AIAA PAPER 83-2525] p 731 A83-49589

Force-transmitting structures in blades for helicopter rotors, wind-tunnel blowers, and wind turbines  
[DGLR PAPER 82-013] p 764 A83-50138

Calculation of three dimensional unsteady transonic flow around rotor blades  
[MBB-UD-353] p 10 N83-10021

Holographic interferometry technique for rotary wing aerodynamics and noise  
[NASA-TM-84723] p 67 N83-10378

The influence of blade tip geometry on the unsteady pressure distribution of a rotor blade Part 1 Rectangular tip  
[DFVLR-FB-82-11] p 14 N83-11091

Application of Fourier transform infrared spectroscopy for quality control analysis of epoxy resin prepreps used in helicopter rotor blades p 61 N83-11232

Slack wire strike protection concepts  
[AD-A118827] p 184 N83-12056

A note on the general scaling of helicopter blade-vortex interaction noise  
[AD-A118761] p 223 N83-12872

Predesign study for a modern 4-bladed rotor for RSRA  
[NASA-CR-166155] p 178 N83-13065

Helicopter vibration suppression using simple pendulum absorbers on the rotor blade p 204 N83-13109

Coupled rotor/airframe vibration analysis  
[NASA-CR-3582] p 154 N83-14105

Identification and stochastic control of helicopter dynamic modes  
[NASA-CR-166425] p 157 N83-15283

Stress analysis of advanced attack helicopter composite main rotor blade root end lug  
[NASA-TM-84578] p 178 N83-15361

Reduction of high-speed impulsive noise by blade planform modification of a model helicopter rotor  
[NASA-TM-84553] p 191 N83-16151

Predesign study for a modern 4-bladed rotor for the RSRA  
[NASA-CR-166155] p 206 N83-16331

Survey of active and passive means to reduce rotorcraft vibrations  
[MBB-UD-350] p 206 N83-16335

The role of analysis in the aerodynamic design of advanced rotors p 192 N83-17471

Calculation of 3D unsteady transonic flow around rotor blades p 193 N83-17474

Studies on blade-to-blade and rotor-fuselage-tail interferences p 193 N83-17479  
 Aeroelastic equilibrium of an helicopter rotor with nonlinear aerodynamic forces p 235 N83-17482  
 The development of a system for interdisciplinary analysis of rotorcraft flight characteristics p 236 N83-17485  
 Comparison of rotor analysis results with aerodynamic windtunnel data p 194 N83-17487  
 Transonic effects on helicopter rotor blades [MBB-349-81-O-E] p 195 N83-17520  
 Force initiations in helicopter rotor blades, wind channel fans and wind turbines [MBB-UD-356-82-O] p 196 N83-17522  
 An interactive system for transformation of known measures long internal surface of cylinders model for shafts [ISD-294] p 233 N83-17748  
 Computations and turbulent flow modeling in support of helicopter rotor technology [NASA-CR-169927] p 244 N83-18662  
 A rotor technology assessment of the advancing blade concept [NASA-TM-84298] p 265 N83-18712  
 The vibration characteristics of a coupled helicopter rotor-fuselage by a finite element analysis [NASA-TP-2118] p 265 N83-18714  
 Design of helicopter rotor blades for optimum dynamic characteristics [NASA-CR-169940] p 266 N83-18716  
 Lifting surface theory for a helicopter rotor in forward flight [NASA-CR-169997] p 246 N83-19709  
 Mathematical model of the SH-3G helicopter [NASA-TM-84316] p 266 N83-19739  
 Variable camber rotor study [NASA-CR-166382] p 266 N83-19740  
 The influence of helicopter operating conditions on rotor noise characteristics and measurement repeatability [AD-A121426] p 310 N83-20707  
 Development of a passive rotor isolation system for helicopters --- vibration isolators [BMFT-FB-W-82-026] p 389 N83-23296  
 Loads and performance data from a wind-tunnel test of model articulated helicopter rotors with 2 different blade torsional stiffnesses [NASA-TM-84573] p 377 N83-24471  
 Trends of Reynolds number effects on two-dimensional airfoil characteristics for helicopter rotor analyses [NASA-TM-84363] p 377 N83-24472  
 Limits on the prediction of helicopter rotor noise using thickness and loading sources Validation of helicopter noise prediction techniques [NASA-CR-166097] p 412 N83-25498  
 Helicopter rotor loads using discretized matched asymptotic expansions [NASA-CR-166092] p 423 N83-25658  
 Helicopter rotor loads using matched asymptotic expansions User's manual [NASA-CR-166093] p 423 N83-25659  
 Verification testing of an AH-1S Wire Strike Protection System (WSPS) [AD-A123188] p 429 N83-25684  
 Experimental study of main rotor/tail rotor/airframe interactions in hover Volume 1 Text and figures [NASA-CR-166485] p 427 N83-26820  
 Simulation program of rotary wings [FOA-C-30308-E1] p 443 N83-26836  
 Fuel conservation evaluation of US Army helicopters Part 3 UH-1H flight testing [AD-A125667] p 527 N83-27985  
 UH-60A light icing envelope evaluation with the blade deicing kit installed but inoperative [AD-A125630] p 528 N83-27987  
 Experimental investigation of a 10-percent-thick helicopter rotor airfoil section designed with a viscous transonic analysis code [NASA-TP-1864] p 582 N83-30389  
 Advanced testing of lightning protection schemes for composite main rotor blades (helicopter) p 587 N83-31211  
 Analysis and correlation of the test data from an advanced technology rotor system [NASA-CR-3714] p 665 N83-32777  
 A holographic interferometry technique for measuring transonic flow near a rotor blade [NASA-TM-84405] p 702 N83-34278  
 Demonstration and analysis of an improved nondestructive evaluation (NDE) method for rotary wing head spindle threads [AD-A128741] p 712 N83-34890  
 Rotorcraft convertible engine study [NASA-CR-168241] p 747 N83-34944  
 Free wake aerodynamic analysis of helicopter rotors [AD-A129710] p 718 N83-36007

Rotor noise due to blade-turbulence interaction [AD-A129757] p 770 N83-36851  
**ROTATING BODIES**  
 Natural frequency of rotating beams using non-rotating modes p 181 A83-18383  
 Recursive relationships for body axis rotation rates p 570 A83-37074  
 Wind tunnel measurements of the Magnus induced surface pressures on a spinning projectile in the transonic speed regime [AIAA PAPER 83-1838] p 499 A83-38667  
 A numerical study of flow past a rotating flat plate by the discrete vortex method p 766 N83-36401  
**ROTATING CYLINDERS**  
 Measurements of the near wake of an airfoil in unsteady flow [AIAA PAPER 83-0127] p 131 A83-16540  
**ROTATING DISKS**  
 Structural dynamics studies of rotating bladed-disk assemblies coupled with flexible shaft motions [AIAA PAPER 83-0919] p 392 A83-32787  
 The influence of defects on the operational strength of disks and wheels in engines p 472 A83-33964  
 Stability experiments in rotating-disk flow [AIAA PAPER 83 1760] p 555 A83-37232  
 Inertia effects of the dynamics of a disk levitated by incompressible laminar fluid flow [ASME PAPER 83-GT-149] p 761 A83-47968  
 Overspeed and overtemperature tests and dissection examination of the turbine discs made of a iron-nickel base superalloy p 165 N83-15261  
 Powder metallurgy Rene 95 rotating turbine engine parts, volume 2 [NASA-CR-165141] p 178 N83-15412  
 Rotor testing in FY 1982 p 562 N83-28622  
**ROTATING FLUIDS**  
 Rotation and curvature effects on Reynolds stresses in boundary-layers [ONERA, TP NO 1982-81] p 213 A83-14533  
 A numerical study of flow past a rotating flat plate by the discrete vortex method p 766 N83-36401  
**ROTATING GENERATORS**  
 A mathematical model for the doubly fed wound rotor generator [NASA-TM-83454] p 702 N83-34192  
**ROTATING LIQUIDS**  
 Angular motion of a spinning projectile with a viscous liquid payload p 544 A83-37067  
**ROTATING SHAFTS**  
 On the possibility of balancing rotating flexible shafts p 180 A83-17724  
 Nonlinear forced oscillations of a rotating shaft carrying an unsymmetrical rotor at the major critical speed p 228 A83-20288  
 Rotorshaft torque-meter --- to increase helicopter performance p 390 A83-30174  
**ROTATING STALLS**  
 An experimental study of the unsteady response of the rotor blades of an axial flow compressor operating in the rotating stall regime [AIAA PAPER 83-0001] p 129 A83-16454  
 Flow measurements within rotating stall cells in single and multistage axial-flow compressors p 419 A83-35873  
 Flow in rotating stall cells of a low speed axial flow compressor p 419 A83-35874  
 Characteristics of the occurrence and elimination of a stall in an axial-flow compressor in the presence of a rotating irregularity at the inlet p 613 A83-42132  
 Distinction between different types of impeller and diffuser rotating stall in a centrifugal compressor with vaneless diffuser [ASME PAPER 83-GT-61] p 714 A83-47917  
 A theory of rotating stall of multistage axial compressors [NASA-CR-3685] p 506 N83-29175  
 Rotating stall investigations Volume 1 Theoretical investigations [AD-A128744] p 748 N83-34951  
 Rotating stall investigations Volume 2 Experimental studies [AD-A128745] p 748 N83-34952  
**ROTATION**  
 An experimental study of a high rotational speed propulsor [AD-A126060] p 539 N83-28238  
 Traumatic occlusion of the vertebral artery caused by neck rotation [AD-A126922] p 606 N83-30409  
**ROTOR AERODYNAMICS**  
 Rotor wake characteristics relevant to rotor-stator interaction noise generation p 39 A83-10184  
 The vortex theory of rotors p 178 A83-15095  
 Studies of aerofoils and blade tips for helicopters p 135 A83-17317

Study of rotor gust response by means of the local momentum theory p 169 A83-18379  
 Wind tunnel results showing rotor vibratory loads reduction using higher harmonic blade pitch p 169 A83-18385  
 An investigation of the aerodynamics of an RAE swept tip using a model rotor [ONERA, TP NO 1982-76] p 136 A83-18426  
 Unbalance response analysis of a complete turbomachine p 228 A83-19674  
 A simplified model of the influence of elastic pitch variations on the rotor flapping dynamics p 204 A83-21025  
 Blade loading and rotation effects on compressor rotor wake near end walls p 190 A83-22138  
 Rotor hovering performance using the method of fast free wake analysis p 190 A83-22162  
 A simulation model for the analysis of the dynamic behavior of a helicopter rotor under nonstationary limit flight conditions p 204 A83-23220  
 Theoretical and experimental study of helicopter rotor noise [ONERA, TP NO 1982-74] p 205 A83-23247  
 Helicopter-rotor aeroelastic equilibrium under nonlinear aerodynamic forces p 261 A83-23679  
 Comparative trials of helicopter rotors in a wind tunnel [ONERA, TP NO 1982-119] p 243 A83-24330  
 ONERA test facilities for propellers and rotors [ONERA, TP NO 1982-121] p 276 A83-24332  
 Near-field frequency - Domain theory for propeller noise [AIAA PAPER 83-0688] p 365 A83-28007  
 A study of helicopter rotor noise, with special reference to tail rotors, using an acoustic wind tunnel p 367 A83-29403  
 Flutter and forced response of mistuned rotors using standing wave analysis [AIAA 83-0845] p 357 A83-29823  
 A closed-form analysis of rotor blade flap-lag stability in hover and low-speed forward flight in turbulent flow [AIAA 83-0986] p 330 A83-29864  
 Measured inplane stability characteristics in hover for an advanced beamless rotor [AIAA 83-0987] p 330 A83-29865  
 A discretized asymptotic method for unsteady helicopter rotor airloads [AIAA 83-0989] p 313 A83-29867  
 Autorotation --- in fluid dynamics p 374 A83-31079  
 Development of two airfoil sections for helicopter rotor blades p 374 A83-31623  
 Aeroelastic stability of an elastic circulation control rotor blade in hover [AIAA PAPER 83-0985] p 387 A83-32785  
 Remarks on the evolution of methods of calculation for propellers and rotors [AAAF PAPER NT 82-03] p 376 A83-33161  
 The fenestron on a helicopter [AAAF PAPER NT 82-18] p 388 A83-33169  
 Turbulent boundary layer associated with periodic rotating wakes --- from axial flow turbomachine rotors p 376 A83-33373  
 Experimental research on the design of highly loaded axial fans --- German thesis p 493 A83-37498  
 The aerodynamics of propellers and rotors using an acoustic formulation in the time domain [AIAA PAPER 83-1821] p 498 A83-38653  
 The dynamics of a helicopter rotor structure p 523 A83-39485  
 The effect of displacement velocity on propeller performance p 577 A83-41052  
 Coupled flap-torsional response of a rotor blade in forward flight due to atmospheric turbulence excitations p 618 A83-41073  
 Effects of rotor inertia and rpm control on helicopter handling qualities [AIAA PAPER 83-2070] p 623 A83-41907  
 On approximating higher-order rotor dynamics in helicopter stability-derivative models [AIAA PAPER 83-2088] p 624 A83-41920  
 The S2Ch subsonic wind tunnel and its utilization for detailed studies of helicopter rotors [ONERA, TP NO 1983-27] p 688 A83-44306  
 Effect of relative velocity distribution on efficiency and exit flow of centrifugal impellers [ASME PAPER 83-GT-74] p 760 A83-47927  
 Transonic effects on helicopter rotor blades p 716 A83-49178  
 The use of coloured smoke to visualize secondary flows in a turbine-blade cascade p 717 A83-49466  
 Developments in UK rotor blade technology [AIAA PAPER 83-2525] p 731 A83-49589  
 Aeromechanical stability of a hingeless rotor in hover and forward flight - Analysis and wind tunnel tests p 732 A83-50141



Rotor dynamic simulation and system identification methods for application to vacuum whirl data [NASA-CR-159356] p 32 N83-11117

Rotor aerodynamics in ground effect at low advance ratios [AD-A118609] p 180 N83-12051

Darneau rotor aerodynamics -- wind tunnels [DE82-003495] p 138 N83-15271

Prediction of Aerodynamic Loads on Rotorcraft -- helicopter and wind turbine rotors [AD-A124260] p 188 N83-17470

The role of analysis in the aerodynamic design of advanced rotors p 192 N83-17471

Representation of airfoil behaviour p 192 N83-17472

Studies of aerofoils and blade tips for helicopters p 193 N83-17473

Studies on blade-to-blade and rotor-fuselage-tail interferences p 193 N83-17479

Rotor-fuselage interference on engine internal aerodynamics in maneuvering high-speed rotorcraft p 193 N83-17480

Development of the vortex ring wake model and its influence on the prediction of rotor loads p 194 N83-17481

Review of rotor loads prediction methods p 194 N83-17484

The development of a system for interdisciplinary analysis of rotorcraft flight characteristics p 236 N83-17485

Methods used at Aerospatiale for calculating the loads on a rotor and experimental cross checks p 194 N83-17486

Advanced turboprop propulsion technology [SP-03A82] p 281 N83-18659

Preliminary rotor wake measurements with a laser velocimeter [NASA-TM-83246] p 301 N83-19018

Feed-pump hydraulic performance and design improvement. Phase 1 Research program design, volume 1 [DE82-903116] p 303 N83-20165

Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 2 [DE82-903304] p 303 N83-20166

Effects of aerodynamic interaction between main and tail rotors on helicopter hover performance and noise [NASA-CR-166477] p 376 N83-23275

Definition of forces on turbomachinery rotors Task B report Dynamic analysis of rotors [NASA-CR-170763] p 395 N83-24507

Helicopter rotor loads using discretized matched asymptotic expansions [NASA-CR-166092] p 423 N83-25658

Helicopter rotor loads using matched asymptotic expansions User's manual [NASA-CR-166093] p 423 N83-25659

Technical evaluation report on the Fluid Dynamics Panel Specialists' Meeting on Prediction of Aerodynamic Loads on Rotorcraft [AGARD-AR-189] p 426 N83-25682

Correlation and evaluation of inplane stability characteristics for an advanced bearingless main rotor [NASA-CR-166448] p 440 N83-25695

Incidence loss for fan turbine rotor blade in two-dimensional cascade [NASA-TP-2188] p 617 N83-30431

T55 power turbine rotor multiplane-multispeed balancing study [NASA-CR-167891] p 686 N83-33894

Rotating stall investigations Volume 2 Experimental studies [AD-A128745] p 748 N83-34952

Advisory circular Certification of transport category rotorcraft [FAA-AC-29-2] p 721 N83-36011

**ROTOR BLADES**

Nonlinear flapping vibrations of rotating blades p 66 A83-13004

An experimental study of the unsteady response of the rotor blades of an axial flow compressor operating in the rotating stall regime [AIAA PAPER 83-0001] p 129 A83-16454

Design of optimum propellers [AIAA PAPER 83-0190] p 132 A83-16578

Concepts of stochastic stability in rotor dynamics p 152 A83-18382

An investigation of the aerodynamics of an RAE swept tip using a model rotor [ONERA, TP NO 1982-76] p 136 A83-18426

A note on the tip noise of rotating blades p 305 A83-23708

Finite difference modeling of rotor flows including wake effects [ONERA, TP NO 1982-114] p 243 A83-24326

Turbulent boundary layer associated with periodic rotating wakes -- from axial flow turbomachine rotors p 376 A83-33373

Excitation and vibration of flexible bladed disks under operating and simulated operation conditions p 449 A83-35881

Variation of rotor blade vibration due to interaction of inlet and outlet distortion p 450 A83-35882

Full-scale measurements of blade-vortex interaction noise p 435 A83-35947

Some applications of ultrasonic methods for the quality control of nonmetallic objects p 475 A83-36794

Coupled flap-torsional response of a rotor blade in forward flight due to atmospheric turbulence excitations p 618 A83-41073

Experimental investigation of the turbulent structure of vortex wakes [ONERA, TP NO 1983-107] p 717 A83-49418

Force-transmitting structures in blades for helicopter rotors, wind-tunnel blowers, and wind turbines [DGLR PAPER 82-013] p 764 A83-50138

Parametric tip effects for conformable rotor applications p 732 A83-50140

**ROTOR BLADES (TURBOMACHINERY)**

Study of fan noise sources through thin film pressure transducers p 41 A83-12350

Wind tunnel measurements of blade/vane ratio and spacing effects on fan noise p 222 A83-15317

The entropy efficiency of blade machines p 162 A83-16953

Finite element strength analysis of rotating shell-plate structures p 229 A83-21448

Blade loading and rotation effects on compressor rotor wake near end walls p 190 A83-22138

Interaction of fan rotor flow with downstream struts [AIAA PAPER 83-0682] p 279 A83-25912

Effect of entry boundary layer thickness on secondary flows in an annular cascade of turbine nozzle and rotor blades p 419 A83-35868

Effects of compressor hub treatment on stator stall margin and performance [AIAA PAPER 83-1352] p 475 A83-36354

Negative incidence flow over a turbine rotor blade [ASME PAPER 83-GT-23] p 713 A83-47888

Cascade flutter analysis of cantilevered blades [ASME PAPER 83-GT-129] p 740 A83-47958

Flutter of mistuned turbomachinery rotors [ASME PAPER 83-GT-153] p 761 A83-47979

An aeroelastic analysis of the Darneau wind turbine p 220 N83-13476

Measurements of self-excited rotor-blade vibrations using optical displacements [NASA-TM-82953] p 183 N83-14523

Advanced Gas Turbine (AGT) power-train system development [NASA-CR-167875] p 186 N83-15627

Simplified free wake analysis for rotors [FFA-TN-1982-07] p 195 N83-17518

Force imitations in helicopter rotor blades, wind channel fans and wind turbines [MBB-UD-356-82-0] p 196 N83-17522

Variable camber rotor study [NASA-CR-166382] p 266 N83-19740

Influence of blade tip clearance on aerodynamically induced vibration [AD-A123125] p 394 N83-23312

Definition of forces on turbomachinery rotors Task B report Dynamic analysis of rotors [NASA-CR-170763] p 395 N83-24507

End wall flow characteristics and overall performance of an axial flow compressor stage [NASA-CR-36711] p 427 N83-26819

Models for predicting tip clearance changes in gas turbines p 541 N83-29255

Fuel conservation evaluation of U.S. (United States) Army helicopters Part 4 OH-58C flight testing [AD-A127422] p 637 N83-30673

**ROTOR BODY INTERACTIONS**

Helicopter vibration reduction by local structural modification p 215 A83-16028

Bo 105 rotor blade influence on the Calipso FLIR in the mast-mounted observation platform Ophelia p 205 A83-23249

Tone generation by rotor-downstream strut interaction [AIAA PAPER 83-0767] p 280 A83-25957

Rotor-vortex interaction noise [AIAA PAPER 83-0720] p 367 A83-29950

Assessment of rotor-fuselage coupling on vibration predictions using a simple finite element model p 640 A83-41075

Analytical and experimental investigation of a bearingless hub-absorber p 594 A83-41077

Investigations of hingeless rotor stability p 600 A83-43674

The effect of damage in structural elements on the ground resonance of a helicopter p 731 A83-49446

Rotor-fuselage interference on engine internal aerodynamics in maneuvering high-speed rotorcraft p 193 N83-17480

**ROTOR SPEED**

Non-linear effect in high speed rotor noise p 190 A83-18393

Blade loading and rotation effects on compressor rotor wake near end walls p 190 A83-22138

Helicopter flight noise tests about the influence of rotor-rotational and forward speed changes on the characteristics of the emitted sound [AIAA PAPER 83-0672] p 365 A83-28002

Characteristics of the occurrence and elimination of a stall in an axial-flow compressor in the presence of a rotating irregularity at the inlet p 613 A83-42132

Prediction and experimental verification of the velocity fields of a rotor during hovering p 193 N83-17477

**ROTOR SYSTEMS RESEARCH AIRCRAFT**

Control characteristics of a buoyant quad-rotor research aircraft p 282 A83-24430

Pre-design study for a modern 4-bladed rotor for RSRA [NASA-CR-166155] p 176 N83-13065

Pre-design study for a modern 4-bladed rotor for the RSRA [NASA-CR-166155] p 206 N83-16331

**ROTORCRAFT AIRCRAFT**

Dynamic stability of a buoyant quad-rotor aircraft p 216 A83-22180

Army family of light rotorcraft (LHX) concept formulation [AIAA PAPER 83-2552] p 732 A83-49592

Parametric tip effects for conformable rotor applications p 732 A83-50140

Survey of characteristics of near mid-air collisions involving helicopters [FAA-CT-83-40] p 720 N83-34920

**ROTORS**

On the damping effect of sloshing fluid on flexible rotor systems [ASME PAPER 82-DET-140] p 65 A83-12783

Finite-length solutions for rotodynamic coefficients of turbulent annular seals [ASME PAPER 82-LUB-42] p 212 A83-13521

On the possibility of balancing rotating flexible shafts p 180 A83-17724

Bending vibrational behavior of laminated rotors -- German thesis p 182 A83-19620

Nonlinear forced oscillations of a rotating shaft carrying an unsymmetrical rotor at the major critical speed p 228 A83-20288

A note on rotor-bearing stability p 298 A83-23706

Comparison of broadband noise mechanisms, analyses, and experiments on helicopters, propellers, and wind turbines [AIAA PAPER 83-0690] p 365 A83-28009

Change in vibrations of an flexible rotor due to a change in bearings p 558 A83-39423

An experimental study of ball bearings in the combined supports of the rotors of gas-turbine engines p 640 A83-42144

Active control of parameter-excited rotor systems p 642 A83-42982

High-speed floating-ring bearing test and analysis [ASLE PREPRINT 83-AM-3E-2] p 643 A83-43337

Effects of anomalous rotor joints on turbomachine dynamics [ASME PAPER 83-GT-175] p 761 A83-47974

In situ balancing of flexible rotors using influence coefficient balancing and the unified balancing approach [ASME PAPER 83-GT-178] p 761 A83-47989

The measurement of turbomachinery stator-to-drum running clearances [ASME PAPER 83-GT-204] p 743 A83-48005

Acoustic-emission monitoring of steam turbines [DE82-904663] p 73 N83-10887

Performance of a tandem-rotor/tandem-stator conical-flow compressor designed for a pressure ratio of 3 [NASA-TP-2034] p 10 N83-11058

Rotor dynamic simulation and system identification methods for application to vacuum whirl data [NASA-CR-159356] p 32 N83-11117

Rotor redesign for a highly loaded 1800 ft/sec tip speed fan 3 Laser Doppler velocimeter report [NASA-CR-167954] p 163 N83-14128

Rotordynamic Instability Problems in High-Performance Turbomachinery [NASA-CP-2250] p 186 N83-15629

Rotordynamic instability field problems p 186 N83-15630

Field experiences with rub induced instabilities in turbomachinery p 186 N83-15631

Analysis of a turbine rotor containing a transverse crack at Oak Creek Unit 17 p 186 N83-15632

Shaft vibrations in turbomachinery excited by cracks p 187 N83-15635

- Rotor vibration caused by external excitation and rub  
p 187 N83-15637
- Vibration and destabilizing effects of floating ring seals  
in compressors p 187 N83-15642
- Influence of parameter changes to stability behavior of  
rotors p 187 N83-15648
- Vibration limiting of rotors by feedback control  
p 187 N83-15656
- Studies on blade-to-blade and rotor-fuselage-tail  
interferences p 193 N83-17479
- Simplified free wake analysis for rotors  
[FAA-TN-1982-07] p 195 N83-17518
- Aerodynamic effect of a honeycomb rotor tip shroud  
on a 50 8-centimeter-tip-diameter core turbine  
[NASA-TP-2112] p 215 N83-17547
- Physical properties data compilations relevant to energy  
storage Part 5 Mechanical properties data on alloys  
for use in flywheels p 296 N83-18904
- Design of plywood and paper flywheel rotors  
[DE83-002276] p 304 N83-20430
- Labyrinth seal forces on a whirling rotor  
[NASA-CR-168016] p 339 N83-22198
- Damping seal for turbomachinery  
[NASA-CASE-MFS-25842-1] p 477 N83-26080
- Composite hybrid flywheel rotor design optimization and  
fabrication p 553 N83-28620
- Rotor testing in FY 1982 p 562 N83-28622
- Acoustic measurements of a full-scale coaxial hingeless  
rotor helicopter p 571 N83-28986
- Rotor fragment protection program Statistics on aircraft  
gas turbine engine rotor failures that occurred in US  
commercial aviation during 1979 p 539 N83-29234
- [NASA-CR-168163] p 539 N83-29234
- The Shock and Vibration Bulletin, no 52 Part 1  
Welcome, keynote address, invited papers, rotor dynamics  
and machinery vibration p 644 N83-30684
- [BULL-52-PT-1] p 644 N83-30684
- Small cracks in large forgings p 701 N83-34109
- Theoretical investigation of the force and dynamically  
coupled torsional-axial-lateral dynamic response of eared  
rotors p 705 N83-34656
- [NASA-CR-173013] p 705 N83-34656
- Mid and high temperature rotor program for a 30 kW  
gas turbine generator set p 749 N83-36033
- [AD-A128780] p 749 N83-36033
- Rotor noise due to blade-turbulence interaction  
[AD-A129757] p 770 N83-36851
- ROUGHNESS**
- Aerodynamic penalties of heavy rain on landing  
airplanes p 138 A83-18403
- Prediction of pavement roughness  
[AD-A120009] p 232 N83-16566
- ROUTES**
- A theoretical framework for analysis of lateral position  
errors in VOR jet-route systems p 431 A83-35273
- On the use of height rules in off-route airspace  
p 431 A83-35274
- Conflict monitoring analysis of parallel opposite direction  
routes, volume 2 p 202 N83-16323
- [AD-A120187] p 202 N83-16323
- RUBIDIUM**
- Phase 2A bench model development tactical rubidium  
frequency standard p 477 N83-25990
- [AD-A124482] p 477 N83-25990
- RUDDERS**
- Processing composite materials p 210 N83-12153
- RUN TIME (COMPUTERS)**
- The multilevel substructure and the local analysis of  
structure p 213 A83-14485
- Aerodynamic simulation - A key technology not only for  
aviation p 495 A83-37860
- RUNWAY CONDITIONS**
- Review of factors affecting aircraft wet runway  
performance p 151 A83-17915
- [AIAA PAPER 83-0274] p 151 A83-17915
- Investigation of landing gear alternatives for high  
performance aircraft p 261 A83-24030
- Dynamic taxi response (have bounce) testing of the C-5A  
aircraft p 386 A83-32783
- [AIAA PAPER 83-1024] p 386 A83-32783
- Aerodynamics critical to the operations of tactical  
fighters from bomb damaged runways p 521 A83-38688
- [AIAA PAPER 83-1861] p 521 A83-38688
- The short-range forecasting of meteorological conditions  
of the icing of aircraft on the ground and the runway at  
the Sofia airport p 648 A83-41585
- Airfield coatings incorporating polymer materials - Repair  
and maintenance - Russian book p 689 A83-45029
- Aircraft response to operations on rapidly repaired battle  
damaged runways and taxiways p 31 N83-10270
- Current practices on nighttime pavement construction  
asphaltic concrete p 207 N83-12101
- [DOT/FAA/RD-80/121] p 207 N83-12101
- Aircraft Dynamic Response to Damaged and Repaired  
Runways p 157 N83-15284
- [AGARD-CP-326] p 157 N83-15284
- Minimum operating strip selection procedure  
p 175 N83-15285
- Proposed specifications for international interoperability  
on repaired bomb damaged runways p 175 N83-15286
- Advanced rapid runway repair A stable and flush  
repaired runway surface p 175 N83-15287
- Evaluation of the pilot papers from the Spring 1981 SMP  
Meeting p 175 N83-15288
- Application of semi-rigid pavements in rapid runway  
repair p 175 N83-15289
- The repaired runway clearance environment p 176 N83-15290
- The HAVE BOUNCE Program p 157 N83-15291
- Influence of mathematic modelling of undercarriages on  
the prediction of aircraft loads due to damaged and  
repaired runways p 157 N83-15292
- Development of a cost effective approach to modelling  
aircraft response to repaired runways p 157 N83-15293
- Predicted and measured landing gear loads for the NF-5  
aircraft taxiing over a bumpy runway p 157 N83-15296
- The problem of design criteria for aircraft loads due to  
rough runway operation p 158 N83-15298
- Landing gear shock absorber development to improve  
aircraft operating performance on rough and damaged  
runways p 158 N83-15299
- Roughness considerations for transport aircraft  
p 158 N83-15300
- A fighter landing gear for the 1980's p 158 N83-15301
- Aircraft accident report World Airways, Inc., Flight 30H,  
N112WA McDonnell Douglas DC-10-30, Boston-Logan  
International Airport, Boston, Massachusetts, January 23,  
1982 p 248 N83-18698
- [PB82-910415] p 248 N83-18698
- Large airplane operations on contaminated runways  
[PB83-917003] p 510 N83-29189
- RUNWAY LIGHTS**
- A state-of-the-art survey of the development of taxiway  
guidance and control systems p 58 N83-11150
- [AD-A117520] p 58 N83-11150
- Airfield lighting, design manual 23 1 p 174 N83-14141
- [AD-A119525] p 174 N83-14141
- Maintenance of airport visual aid facilities Advisory  
circular p 219 N83-16352
- [AC-150/5340-26] p 219 N83-16352
- Development of the precision approach path indicator  
light unit p 202 N83-17527
- [RAE-TM-FS(B)-483] p 202 N83-17527
- Evaluation of retroreflective pavement markers for  
precision and nonprecision runways p 220 N83-17558
- [FAA-CT-82-112] p 220 N83-17558
- An analytical evaluation of three visual approach slope  
indicators p 382 N83-23290
- [AD-A122973] p 382 N83-23290
- RUNWAYS**
- Air traffic management - The impact at the airport  
p 142 A83-17728
- Motion of the ski runners of an aircraft on soil p 327 A83-29281
- Transient response of taxiing aircraft p 329 A83-29853
- [AIAA 83-0927] p 329 A83-29853
- Standardized pavement strength reporting system -  
ACN/PCN - Aircraft Classification Number/Pavement  
Classification Number p 400 A83-33365
- [AIAA PAPER 83-1602] p 400 A83-33365
- US sets own standards for airport lighting p 463 A83-35625
- High temperature/pressure testing of heat resistant  
runway materials p 753 A83-48349
- [AIAA PAPER 83-2492] p 753 A83-48349
- Identification of exit taxiways (retroreflective markers  
only) p 58 N83-11151
- [AD-A117487] p 58 N83-11151
- Feasibility of computing residual displacements in  
runways and crater repairs p 208 N83-12105
- [AD-A118610] p 208 N83-12105
- Instrument landing system localizer vector field  
monitor development p 188 N83-13087
- [FAA-RD-82-62] p 188 N83-13087
- Development of curves for estimating aircraft arresting  
hook loads p 156 N83-14119
- [AD-A119551] p 156 N83-14119
- Prediction of pavement roughness p 232 N83-16566
- [AD-A120009] p 232 N83-16566
- Predicted and measured landing gear loads for the NF-5  
aircraft taxiing over a bumpy runway p 207 N83-17532
- [NLR-MP-82008-U] p 207 N83-17532
- Aircraft dynamic response to damaged and repaired  
runways p 267 N83-19747
- [AD-A124111] p 267 N83-19747
- Longitudinal joint systems in slip-formed rigid  
pavements Volume 5 Summary of field test results from  
Chicago O'Hare International Airport p 293 N83-19762
- [FAA-RD-79-4-5] p 293 N83-19762
- Frangible microwave landing system (inverted azimuth  
waveguide array configuration) p 324 N83-20927
- [DOT/FAA/RD-82/88] p 324 N83-20927
- The taxiway repair schedule problem A heuristic rule  
and a branch-and-bound solution p 346 N83-20955
- [AD-A122497] p 346 N83-20955
- Evaluation of g seat augmentation of fixed-base/moving  
base simulation for transport landings under two visually  
imposed runway width conditions p 333 N83-22191
- [NASA-TP-2135] p 333 N83-22191
- Braking of an aircraft tire on grooved and porous  
asphaltic concrete p 360 N83-22593
- [FAA-CT-82-147] p 360 N83-22593
- Runway 18 West under discussion On icy winds in the  
airport controversy p 400 N83-23320
- [FACHTHEMEN-1] p 400 N83-23320
- Questions and answers concerning runway 18 West  
[FACHTHEMEN-2] p 400 N83-23321
- The runways of the Frankfurt Main airport Air traffic  
lifelines p 400 N83-23322
- [FACHTHEMEN-3] p 400 N83-23322
- Multiplication effects due to wages, salaries and  
commissions paid at the airport p 400 N83-23323
- [FACHTHEMEN-4] p 400 N83-23323
- An evaluation of the pavement condition index prediction  
model for rigid airfield pavements p 402 N83-24524
- [AD-A123002] p 402 N83-24524
- Evaluation of three state-of-the-art water-jet systems for  
cutting/removing concrete p 407 N83-24732
- [AD-A123579] p 407 N83-24732
- Runway surface condition sensor specification guide  
[AC-150/5220-13A] p 465 N83-25728
- [AC-150/5220-13A] p 465 N83-25728
- Factors influencing aircraft ground handling  
performance p 527 N83-27979
- [NASA-TM-85652] p 527 N83-27979
- Application of active control landing gear technology  
to the A-10 aircraft p 546 N83-27998
- [NASA-CR-166104] p 546 N83-27998
- Advisory circular Airport design standards Transport  
airports p 548 N83-28005
- [FAA-AC-150/5300-12] p 548 N83-28005
- Rapid runway repair program subtask 108 Concrete  
cutting equipment evaluation p 631 N83-30440
- [AD-A127336] p 631 N83-30440
- An assessment of the A-10's capability to operate on  
rough surfaces p 607 N83-30717
- Software description for the O'Hare runway configuration  
management system Volume 2 Low-level pseudocode  
[AD-A127828] p 594 N83-31592
- Optimization of long range major rehabilitation of airfield  
pavements p 632 N83-31613
- [AD-A127579] p 632 N83-31613
- Evaluation of design criterion of the strategic  
expeditionary landing field p 633 N83-31614
- [AD-A128323] p 633 N83-31614
- State of the art survey on confined base courses for  
utility airport pavements p 690 N83-32813
- [FAA-PM-83-24] p 690 N83-32813
- Program Management Plan (PMP) for Rapid Runway  
Repair (RRR) p 754 N83-34957
- [AD-A128565] p 754 N83-34957
- The effects of weather on rapid runway repair, volume  
1 p 754 N83-36040
- [AD-A130409] p 754 N83-36040
- S**
- S-N DIAGRAMS**
- Experimental verification of properties of S-N fatigue life  
gages for the purpose of a use of the gages as indicators  
of the relative severity of operating conditions p 398 A83-30514
- S-2 AIRCRAFT**
- Measurements of air tanker drop conditions during  
firefighting operations p 529 N83-29203
- [PB83-157883] p 529 N83-29203
- S-3 AIRCRAFT**
- A study of alternative aircraft for installation of the Navy  
standard tow target system p 267 N83-19742
- [AD-A120882] p 267 N83-19742
- SAAB AIRCRAFT**
- Advanced technology for SAAB-Fairchild 340 aircraft  
[SAE PAPER 820729] p 384 A83-31805
- SAFETY**
- Assessment of crash fire hazard of LH sub 2 fueled  
aircraft p 16 N83-11095
- [NASA-CR-165525] p 16 N83-11095
- Application of thermochemical modeling to aircraft  
interior polymeric materials p 211 N83-12237
- [NASA-CR-169384] p 211 N83-12237
- Aviation safety p 184 N83-13081

## SUBJECT INDEX

Possible safety hazards associated with the operation of the 0.3-m transonic cryogenic tunnel at the NASA Langley Research Center [NASA-CR-166026] p 174 N83-14140

Desirable characteristics of underwater lights for helicopter escape hatches [AD-A120510] p 198 N83-16312

Review of the FAA 1982 National Airspace System Plan [PB83-102772] p 293 N83-19764

Foreign Technology Alert - Bibliography Transportation safety [PB83-101659] p 430 N83-25686

Structural response of transport airplanes in crash situations [NASA-TM-85654] p 527 N83-27980

A summary and integration of research concerning single pilot IFR operational problems [NASA-CR-3716] p 668 N83-32783

The USRA workshop report Electrostatic fog dispersal [NASA-CR-170802] p 704 N83-34514

**SAFETY DEVICES**

Open seat ejection at high dynamic pressure - A radical approach p 190 A83-15308

The AH-64 nitrogen inerting unit p 263 A83-25895

Development of a variable-load energy absorber --- for helicopter seats p 248 A83-25896

Crash injury protection in survivable air transport accidents United States civil aircraft experience from 1970 through 1978 (incomplete) p 381 N83-24489

Centrifuge tests of modifications to the MA 2 aircrewman torso harness, phase 1 [AD-A126416] p 669 N83-33860

**SAFETY FACTORS**

Human factors dilemmas in the quest for aviation safety p 183 A83-15423

Safety requirements and trends in the passenger aircraft cabin area [DGLR PAPER 82-043] p 247 A83-24167

Safety in the skies p 584 A83-41467

Aircraft cabin safety staffing standards [H-REPT 97-394] p 15 N83-11093

Aircraft cabin safety staffing standards [GPO-77-969] p 16 N83-11094

The changing airline industry A report, 1981 [GAO/CEO-82-94] p 139 N83-14075

Safety benefits analysis of general aviation cockpit standardization [FAA-CT-82-143] p 140 N83-15272

Activities report on air traffic security p 514 N83-27971

In-depth survey report of American Airlines plating facility [PB83 187799] p 647 N83-31916

Proceedings Sixth Annual Workshop on Meteorological and Environmental Inputs to Aviation Systems [NASA-CP-2274] p 658 N83-33827

Centrifuge tests of modifications to the MA 2 aircrewman torso harness, phase 1 [AD-A126416] p 669 N83-33860

**SAFETY MANAGEMENT**

An FAA analysis of aircraft emergency evacuation demonstrations [SAE PAPER 821486] p 507 A83-38005

Maintenance according to technical conditions --- for aircraft p 489 A83-39221

General aviation safety - How safe? Its implication for flying and theory training p 667 A83-44878

Effects of metric change on safety in the workplace for selected occupations [AD-A118595] p 216 N83-12279

Damage tolerance --- of aircraft [SNIAS-831-551-103] p 679 N83-32800

**SAILWINGS**

Numerical and experimental investigation of the aerodynamics of double membrane sailing airfoil sections [VTH-LR-345] p 14 N83-11092

**SAMPLING**

Sampling strategies for monitoring noise in the vicinity of airports p 570 A83-37731

Modular Airborne Remote Sampling and Sensing System (MARSSS) [DE82-01457] p 361 N83-21495

Microprocessor implementation of fast sampling direct digital flight-mode controllers p 342 N83-22096

Modular Airborne Remote Sampling and Sensing System (MARSSS) [DE82-005691] p 410 N83-25226

Estimating regression coefficients from clustered samples Sampling errors and optimum sample allocation [NASA-CR-166117] p 412 N83-25496

Refining of military jet fuels from shale oil Part 3 Pilot plant sample preparation [AD-A128722] p 759 N83-36249

**SANDS**

A method of predicting the performance deterioration of a compressor cascade due to sand erosion [AIAA PAPER 83-0178] p 160 A83-16572

Effect of sand erosion on the performance deterioration of a single stage axial flow compressor p 448 A83-35854

Compressor cascade performance deterioration caused by sand ingestion [NASA-CR-168067] p 190 N83-16286

**SANDWICH STRUCTURES**

Advanced design structural considerations when introducing new materials and construction methods p 328 A83-29394

Fire resistant films for aircraft applications [NASA-TM-84337] p 352 N83-22320

**SATELLITE IMAGERY**

Application of VAS multispectral imagery to aviation forecasting --- VISSR Atmospheric Sounder for GOES satellites p 408 A83-30561

**SATELLITE NAVIGATION SYSTEMS**

Alternative techniques to GPS/NAVSTAR p 513 A83-38937

GPS navigation using three satellites and a precise clock p 673 A83-46970

GPS user errors resulting from one 'bad' satellite in the navigation solution p 674 A83-46971

Principles and present status --- of Navstar GPS for sea and air navigation p 723 A83-48733

GPS for Marine navigation p 723 A83-48734

Radio navigation and airplane navigation [AD-A120595] p 202 N83-16325

**SATELLITE NETWORKS**

Communication satellite for future military aircraft p 634 A83-40885

Autonomy in military aircraft [AAS PAPER 83-041] p 691 A83-44168

A strategy for buildup to the operational Navstar GPS constellation p 672 A83-46961

**SATELLITE ORBITS**

Orbit prediction for IRAS using vector and analytic techniques --- Infra-Red Astronomical Satellite [IAF PAPER 83-315] p 755 A83-47338

**SATELLITE TRACKING**

A demonstration of relative positioning using conventional GPS Doppler receivers p 199 A83-19779

The tracking of ship routes via satellites p 513 A83-38935

An evaluation of SARP (search and rescue planning system) drift predictions using satellite-tracked drift-buoys [AD-A127987] p 589 N83-31588

**SATELLITE TRANSMISSION**

Low cost antenna pointing system --- with computerized control for transmission from aircraft to satellite p 651 A83-42575

**SATELLITE-BORNE INSTRUMENTS**

Development of advanced heating facility concepts for microgravity application p 633 N83-31653

**SATELLITE-BORNE RADAR**

Adaptively pointing spaceborne radar for precipitation measurements p 410 N83-25315

The outlook for precipitation measurements from space p 410 N83-25316

**SAWS**

Rapid runway repair program subtask 1 08 Concrete cutting equipment evaluation [AD-A127336] p 631 N83-30440

**SCALE (CORROSION)**

Alloy design for hot corrosion resistance p 757 A83-49482

**SCALE EFFECT**

Airfoil self noise - Effect of scale [AIAA PAPER 83-0785] p 307 A83-25966

Experimental evaluation of inlet turbulence, wall boundary layer, surface finish, and fillet radius on small axial turbine state performance [SAE PAPER 821475] p 534 A83-38001

Jet scaling effects in a USB propulsive lift configuration p 662 N83-32744

**SCALE MODELS**

Development of analytical and experimental techniques for determining store airload distributions p 8 A83-13077

Scale model performance test investigation of mixed flow exhaust systems for an energy efficient engine /E3/ propulsion system [AIAA PAPER 83-0541] p 161 A83-16776

Development of a turbojet engine simulator for scale model wind tunnel testing of multi-mission aircraft p 447 A83-35848

## SCREEN EFFECT

Propulsion system simulation technique for scaled wind tunnel model testing p 463 A83-35850

STOL wind tunnel test results for a tactical supercruiser [AIAA PAPER 83-1224] p 420 A83-36291

Performance capability of a Compact Multimission Aircraft Propulsion Simulator [AIAA PAPER 83-1358] p 464 A83-36356

Some measurements of wing buffeting on a flutter model of a typical strike aircraft [RAE-TR-82007] p 48 N83-10052

Rotary balance data for a typical single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg 1 Influence of airplane components for model D --- Langley spin tunnel tests [NASA-CR-3246] p 315 N83-20918

Materials and modelling technology for cryogenic environment p 465 N83-25723

Analysis and correlation of the test data from an advanced technology rotor system [NASA-CR-3714] p 665 N83-32777

**SCALING LAWS**

A note on the general scaling of helicopter blade-vortex interaction noise [ONERA, TP NO 1982-32] p 221 A83-13375

'Scaling' analysis of the ice accretion process on aircraft surfaces [ASME PAPER 82-WA/HT-39] p 248 A83-25693

An improved jet noise scaling law which incorporates phase differences due to flight effects [AIAA PAPER 83-0747] p 307 A83-25949

Trends of Reynolds number effects on two-dimensional airfoil characteristics for helicopter rotor analyses [NASA-TM-84363] p 377 N83-24472

Jet scaling effects in a USB propulsive lift configuration p 662 N83-32744

**SCANNING**

Image generation and display p 39 N83-11394

Picture formatting and hardware considerations p 67 N83-11395

**SCATTERING**

The fatigue crack growth under variable amplitude loading in built-up structures [AD-A119764] p 187 N83-15676

**SCATTEROMETERS**

Program to compute the positions of the aircraft and of the aircraft sensor footprints [E83-10139] p 234 N83-16814

Helicopter-borne scatterometer [AD-A125796] p 562 N83-29561

**SCENE ANALYSIS**

Comparison of some matching methods --- for aircraft and missile navigation p 22 A83-11219

Application of image understanding to automatic tactical target acquisition p 25 A83-12878

**SCHEDULES**

Aircraft production and development schedules [AD A118047] p 6 N83-11056

**SCHEDULING**

ARGHOS - A tool for schedule planning --- for airlines p 667 A83-45077

Current practices on nighttime pavement construction asphaltic concrete [DOT/FAA/RD-80/121] p 207 N83-12101

Study on Time Between Overhauls (TBO) of aircraft turbojet and its reliability p 164 N83-15255

Three computer based aids to maintenance scheduling [AD-A120351] p 187 N83-16280

Time scheduling of a mix of 4D equipped and unequipped aircraft [NASA-TM-84327] p 250 N83-19721

The taxiway repair schedule problem A heuristic rule and a branch-and-bound solution [AD-A122497] p 346 N83-20955

Decision support systems An approach to aircraft maintenance scheduling in the Strategic Air Command [AD-A123039] p 372 N83-23269

**SCHWARZ-CHRISTOFFEL TRANSFORMATION**

The use of panel methods for the evaluation of subsonic wall interference p 347 N83-20959

**SCINTILLATION**

Heater-generated intermediate scale irregularities Spatial distribution and spectral characteristics [AD-A120866] p 302 N83-20048

**SCINTILLATION COUNTERS**

A hard X-ray experiment for long duration balloon flights p 530 A83-39822

**SCOUT PROJECT**

Scout - A real time intelligence and surveillance system p 602 A83-43717

**SCREEN EFFECT**

Optimum wire screens for control of turbulence in wind tunnels p 417 A83-33772

Method for calculating jet noise in the presence of a shielding surface p 570 A83-37253

## SEA ICE

### SEA ICE

MIXED-WEST NASA CV-990 flight report  
[NASA-TM-85020] p 409 N83-23670

### SEA LAUNCHING

Sky Hook to help ships launch Harrier  
p 206 A83-13575  
A rocket-boosted sea launched target system  
p 500 A83-43702

### SEA LEVEL

Energy efficient engine sector combustor ng test program  
[NASA-CR-167913] p 283 N83-19753

### SEA WATER

Application of additional secondary factors to LORAN-C positions for hydrographic operations  
[AD-A125620] p 514 N83-27972

### SEALERS

Sealants - Uses in composite structures  
p 293 A83-23615

### SEALING

Improved chromatic acid anodize seal for optimum paint adhesion  
[SAE PAPER 820603] p 696 A83-45864  
Sputtered ceramic coatings and sealing layers  
[DE82-005225] p 226 A83-16531  
The JT8D and JT9D engine component improvement Performance improvement program  
[NASA-CR-167965] p 214 N83-17543

### SEALS (STOPPERS)

Experimental investigation on the role of flexbars and metallic end seals in squeeze film dampers --- of gas turbine engines  
p 473 A83-35862  
Fluoroelastomers --- materials for hostile fluid environments  
p 469 A83-36066  
Energy efficient high-pressure turbine leakage technology report  
[NASA-CR-165202] p 165 N83-15304  
JT90 ceramic outer air seal system refinement program, phase 2  
[NASA-CR-167962] p 165 N83-15305  
Advanced Gas Turbine (AGT) power-train system development  
[NASA-CR-167875] p 186 N83-15627  
Rotordynamic instability field problems  
p 186 N83-15630  
Vibration and destabilizing effects of floating ring seals in compressors  
p 187 N83-15642  
Design analysis of a self-acting spiral-groove ring seal for counter-rotating shafts  
[NASA-TP-2142] p 458 N83-25712  
Damping seal for turbomachinery  
[NASA-CASE-MFS-25842-1] p 477 N83-26080  
Preliminary engineering study Quick opening valve MSFC high Reynolds number wind tunnel  
[NASA-CR-170845] p 632 N83-31612  
The trend of future gas turbine technology  
[NASA-TM-83505] p 712 N83-34886

### SEAPLANES

The problem of an optimum wing of constant seaworthiness  
p 375 A83-33003

### SEARCHING

Search and rescue locator beacons - The British concept  
p 183 A83-15418  
US Navy helicopters in combat search and rescue  
[AD-A122451] p 333 N83-22195  
An evaluation of SARP (search and rescue planning system) drift predictions using satellite-tracked drift-buoys  
[AD-A127987] p 589 N83-31588

### SEAS

Water survival 20 years Canadian Forces aircrew experience  
[AD-A125401] p 509 N83-27969

### SEASAT SATELLITES

Ice sheet surface features in southwestern Greenland from satellite radio altimetry  
[NASA-CR-156887] p 362 N83-22689

### SEAT BELTS

Computer simulation of an aircraft seat and occupant in a crash environment, volume 1  
[FAA-CT-82-33-1-VOL-1] p 319 N83-22171  
Computer simulation of an aircraft seat and occupant in a crash environment. Volume 2 Program SOM-LA user manual  
[FAA-CT-82-33-2-VOL-2] p 319 N83-22172  
Crash injury protection in survivable air transport accidents United States civil aircraft experience from 1970 through 1978 (incomplete)  
[FAA-CT-82-118] p 381 N83-24489  
ACES II negative Gz restraint investigation  
[AD-A124713] p 430 N83-25685

### SEATS

Studies on an acceleration platform and at the time of a simulated crash of helicopter antirash seats  
p 197 A83-22976

Thermal performance of aircraft polyurethane seat cushions  
p 294 A83-23849

Development of a variable-load energy absorber --- for helicopter seats  
p 248 A83-25896

Application of the nonlinear finite element method to crashworthiness analysis of aircraft seats  
[AIAA 83-0929] p 318 A83-29855

Choice of optimal cabin capacity --- statistical model for optimal number of seats in passenger aircraft  
p 318 A83-29968

Impact protection in air transport passenger seat design  
[SAE PAPER 821391] p 507 A83-37967

Effectiveness of seat cushion blocking layer materials against cabin fires  
[SAE PAPER 821484] p 507 A83-38003

Optimization of fire blocking layers for aircraft seating  
[SAE PAPER 1468] p 585 A83-43742

Fight experiments with integrated isometric side-arm controllers in a variable stability helicopter  
p 50 N83-10068

The optimization of aircraft seat cushion fire-blocking layers Full Scale Test description and results  
[NASA-CR-166418] p 16 N83-11097

In-flight aircraft seat fire extinguishing tests (cabin hazard measurements)  
[FAA-CT-82-111] p 197 N83-16308

Vertical impact tests of a modified F/FB-111 crew seat to evaluate headrest position and restraint configuration effects  
[AD-A120255] p 197 N83-16311

The US Navy approach to crashworthy seating systems  
p 249 N83-19438

Recent improvements in crash restraint in UK helicopters  
p 250 N83-19443

Evaluation of the efficiency of helicopter antirash seats using a horizontal acceleration bench and a simulated crash  
p 250 N83-19444

Computer simulation of an aircraft seat and occupant in a crash environment, volume 1  
[FAA-CT-82-33-1-VOL-1] p 319 N83-22171

Computer simulation of an aircraft seat and occupant in a crash environment Volume 2 Program SOM-LA user manual  
[FAA-CT-82-33-2-VOL-2] p 319 N83-22172

Evaluation of g seat augmentation of fixed-base/moving base simulation for transport landings under two visually imposed runway width conditions  
[NASA-TP-2135] p 333 N83-22191

Design and test criteria for increased energy-absorbing seat effectiveness  
[AD-A128015] p 589 N83-31589

### SECONDARY FLOW

Strut or guide vane secondary flows and their effect on turbomachinery noise  
p 190 A83-18414

A contribution to the calculation of secondary flows in an axial flow compressor  
p 419 A83-35852

Effect of entry boundary layer thickness on secondary flows in an annular cascade of turbine nozzle and rotor blades  
p 419 A83-35868

Measurements of secondary flows within a cascade of curved blades and in the wake of the cascade  
[ASME PAPER 83-GT-24] p 713 A83-47889

The use of coloured smoke to visualize secondary flows in a turbine-blade cascade  
p 717 A83-49466

Axial compressor middle stage secondary flow study  
[NASA-CR-3701] p 505 N83-29174

### SECONDARY RADAR

Data transmission in the case of secondary radar / Mode S/  
p 320 A83-27124

Improvements in SSR  
p 722 A83-47655

### SECURITY

Sandia Helicopter Acoustic Detector (SHAD)  
[DE82-018925] p 483 N83-27803

The effectiveness of the Civil Aviation Security Program  
[AD-A128687] p 721 N83-36013

### SELECTION

Transducer selection --- for F29 transport aircraft  
[NLR-MP-81028-U] p 198 N83-13099

### SELECTIVE DISSEMINATION OF INFORMATION

Development studies for incorporation of air transportation documentation in the building up of a transport information system  
p 249 N83-18703

### SELF ALIGNMENT

Self-tuning fly-by-wire control system  
p 287 A83-26603

Helicopter transmission arrangements with split-torque gear trains  
p 303 N83-20126

Design study of Self-Alining Bearingless Planetary (SABP) gear  
p 303 N83-20127

### SELF INDUCED VIBRATION

The coupled aeroelastic response of turbomachinery blading to aerodynamic excitations  
[AIAA 83-0844] p 357 A83-29822

Forced and self-excited vibrations of gas-turbine assemblies with perfect and perturbed symmetry  
p 458 A83-36791

Nonsynchronous whirls of the turbine rotor in aerojet engines  
p 615 A83-43694

### SELF LUBRICATING MATERIALS

Wear and friction of high-temperature self-lubricating composites  
[ASLE PREPRINT 82-LC-28-2] p 212 A83-13234

### SELF REPAIRING DEVICES

Restructurable Controls  
[NASA-CP-2277] p 688 N83-33896

Self-repairing digital flight control system  
p 688 N83-33902

### SEMICONDUCTOR DEVICES

Usage of the SYSCAP II circuit analysis program to determine semiconductor failure threshold levels caused by lightning/EMP transients  
p 647 N83-31215

### SEMICONDUCTOR JUNCTIONS

Usage of the SYSCAP II circuit analysis program to determine semiconductor failure threshold levels caused by lightning/EMP transients  
p 647 N83-31215

### SEMICONDUCTOR LASERS

Wide-beam atmospheric optical communication for aircraft application using semiconductor diodes  
p 669 A83-44159

### SEMICONDUCTORS (MATERIALS)

Light emitting diodes  
p 611 N83-30419

### SEMISPAN MODELS

An experimental investigation of the subcritical and supercritical flow about a swept semispan wing  
[NASA-TM-84367] p 563 N83-29634

### SENSITIVITY

Sensitivity analysis of helicopter IMC decelerating steep approach and landing performance to navigation system parameters  
[NASA-CR-166412] p 27 N83-11102

Comparative evaluation of twenty pilot workload assessment measure using a psychomotor task in a moving base aircraft simulator  
[NASA-CR-166457] p 249 N83-18702

Survivability of interdiction aircraft Sensitivity to terrain following, command altitude, velocity and electronic counter measures  
[AD-A124870] p 443 N83-26833

### SENSORIMOTOR PERFORMANCE

Integrated perceptual information for designers  
p 63 A83-11136

### SENSORS

Performance capabilities of photographic flight navigation and sensor orientation systems  
p 431 A83-36122

Generation of the mode select sensor network coverage map  
[ATC-98A] p 188 N83-13088

Variable acuity remote viewing system flight demonstration  
[NASA-CR-170404] p 531 N83-29204

Sensor failure detection for jet engines  
[NASA-CR-168190] p 699 N83-33182

### SEPARATED FLOW

Large scale vortex-lattice model for the locally separated flow over wings  
p 177 A83-13127

Calculation method for transonic separated flows over airfoils including spoiler effects  
[ONERA, TP NO 1982-66] p 177 A83-14526

A study of the effect of the transverse sweep of delta wings on their vortex structures and aerodynamic characteristics in separated flows at low subsonic velocities  
p 178 A83-15096

Unsteady flow separation and attachment induced by pitching airfoils  
[AIAA PAPER 83-0131] p 131 A83-16544

Investigation of unsteady flow problems  
p 180 A83-16897

Panel jets II - A problem of hypersustentation --- upper surface blowing  
p 136 A83-19412

Boundary layer calculations in the inverse mode for incompressible flows over infinite swept wings  
[AIAA PAPER 83-0454] p 137 A83-19590

Separated flows on a concave conical wing  
p 418 A83-35707

Finite-difference simulation of transonic separated flow using a full potential boundary layer interaction approach  
[AIAA PAPER 83-1689] p 555 A83-37189

Concerning a type of separated flow on a rectangular wing of small aspect ratio  
p 492 A83-37260

The effect of the blunting of the leading edges on the characteristics of separated flow past delta wings of low aspect ratio  
p 494 A83-37551

Separated flows at the leeward side of a delta wing and body of revolution in supersonic flow  
p 494 A83-37553

Subsonic compressible-gas separated flow past a low-aspect-ratio wing  
p 495 A83-37626

- Dynamic distortion in a short s-shaped subsonic diffuser with flow separation --- Lewis 8 by 6 foot Supersonic Wind Tunnel  
[AIAA PAPER 83-1412] p 683 A83-45515
- Negative incidence flow over a turbine rotor blade  
[ASME PAPER 83-GT-23] p 713 A83-47888
- Effects of external burning on spike-induced separated flow  
p 715 A83-48132
- Aeroelasticity at separated flow Concepts and prospects  
p 716 A83-49177
- The calculation of separated flow at helicopter bodies  
[NASA-TM-76715] p 191 N83-16291
- Computation of the flow around wings with rear separation  
[DFVLR-FB-82-22] p 195 N83-17517
- Introductory survey of aeroelastic problems in separated and transonic flow  
p 313 N83-20895
- The phenomenon of dynamic stall  
p 314 N83-20896
- Dynamic response of aircraft with fluctuating flow fields  
p 341 N83-20897
- Some remarks on buffeting  
p 341 N83-20899
- Comparison of computed and measured unsteady pressure fields of a supercritical wing  
p 314 N83-20903
- Wind tunnel wall interference in unsteady transonic testing  
p 346 N83-20905
- Unsteady airloads on oscillating wings in post-stall condition  
p 314 N83-20906
- An experimental investigation of the influence from controls on supersonic axisymmetric flow over afterbodies with a centered propulsive jet  
[FFA-TN-1982-50] p 377 N83-23280
- Aeroelastic loads prediction for an arrow wing Task 3  
Evaluation of the Boeing three-dimensional leading edge vortex code  
[NASA-CR-3642] p 377 N83-24479
- Dynamic distortion in a short s shaped subsonic diffuser with flow separation -- Lewis 8 by 6 foot Supersonic Wind Tunnel  
[NASA TM-83412] p 459 N83-26838
- Effects of flow separation and cove leakage on pressure and heat-transfer distributions along a wing cove eleven configuration at Mach 6.9 -- Langley 8 ft high temperature tunnel test  
[NASA-TP 2127] p 561 N83-28378
- Convergence behavior that controls adaptive wind tunnel walls near the test section in the high angle of attack range  
[NASA-TM-77006] p 631 N83-30439
- Feasibility of establishing a correlation between boundary layer growth and upstream shock conditions  
[AD-A126909] p 646 N83-30968
- Contribution of wing planform to derivatives of yawing moment and sideforce due to roll rate at subsonic speeds (N sub p)sub w and (Y sub p)sub w  
[ESDU 81014] p 663 N83-32756
- A holographic interferometry technique for measuring transonic flow near a rotor blade  
[NASA TM-84405] p 702 N83-34278
- SEPARATION**  
Aircraft separation assurance - Systems design  
p 255 A83-24863
- SEPARATORS**  
Composite engine inlet particle separator swirl frame -- CAD for T700 helicopter engine centrifugal filter  
p 278 A83-24841
- A shock tube driver with a 'cyclone' separator  
p 290 A83-26130
- A separator for obtaining samples of cloud water in aircraft  
p 640 A83-41983
- SERVICE LIFE**  
Accelerated life tests of aircraft thermocouples  
p 34 A83-10442
- Impacts of broadened-specification fuels on aircraft turbine engine combustors  
p 59 A83-10655
- Life development of components/systems of aircraft  
p 64 A83-12657
- The load-life relationship for M50 steel bearings with silicon nitride ceramic balls  
[ASLE PREPRINT 82-LC-3C-4] p 212 A83-13239
- Fatigue life evaluation of the A-7E arresting gear hook shank  
p 175 A83-13912
- Damage tolerance assessment of the A7D aircraft structure  
p 204 A83-21771
- Optimization of the oil-change period for aircraft systems and units  
p 296 A83-26922
- An analysis of the durability characteristics of aircraft structures on the basis of fracture mechanics  
p 354 A83-28477
- Institute of environmental sciences aircraft engine combustor casing life simulation for increased reliability  
p 391 A83-31493
- On the question of calculating the pressurization start-up regimes of a gas-turbine plant  
p 406 A83-32651
- Material, structural component, service life --- of aircraft construction materials  
p 468 A83-33953
- Component life reduction due to use of AVGAS in gas turbine engines  
p 449 A83-35869
- Life prediction for turbine engine components  
p 474 A83-36174
- The durability of aircraft tyres  
p 692 A83-44879
- Reengineering the key to aircraft renewal  
[AIAA PAPER 83-1372] p 675 A83-45514
- GATOR-GARD applied coatings extend service lives of critical aerospace components  
[SAE PAPER 820611] p 696 A83-45869
- Aircraft usage and effects on engine life  
[ASME PAPER 83-GT-143] p 741 A83-47967
- Development of double-rotor supercharged turbojet engines in the USSR as seen from models R11 to R29  
p 43 N83-11050
- Equivalent damage A critical assessment  
[NASA-CR 167874] p 214 N83-17542
- Program for establishing long-time flight service performance of composite materials in the center wing structure of C-130 aircraft Phase 5 Flight service and inspection  
[NASA-CR-165770] p 227 N83-17600
- Service life evaluation of rigid explosive transfer lines  
[NASA-TP-2143] p 608 N83-31596
- SERVOCONTROL**  
Aerosevvoelasticity in the time domain --- for YF-16 aircraft  
p 687 A83-43965
- SERVOMECHANISMS**  
New flight control technologies for future naval aircraft  
[AD-A128624] p 751 N83-34955
- SET THEORY**  
Solution of the fundamental control problem /FCP/ --- for aircraft  
p 341 A83-29291
- SH-3 HELICOPTER**  
Preliminary kinematic consistency checking of helicopter flight data  
[ARL/AERO-NOTE-414] p 678 N83-32794
- Sea King helicopter flight trials  
[ARL-AERO-NOTE-415] p 733 N83-36023
- SHAFTS (MACHINE ELEMENTS)**  
Development of counter-rotating intershaft support bearing technology --- for aircraft gas turbine engines  
p 392 A83-32587
- Powder metallurgy Rene 95 rotating turbine engine parts, volume 2  
[NASA-CR 165141] p 178 N83-15412
- Vibration and destabilizing effects of floating ring seals in compressors  
p 187 N83-15642
- Development of methodology for horizontal axis wind turbine dynamic analysis  
[NASA-CR 168110] p 362 N83-22747
- Durability of propeller shaft interference fits under variable cyclic loading --- ship propellers during storms  
[DRIC-T-6880] p 684 N83-32803
- SHAKERS**  
Low cost random vibration testing  
p 405 A83-31489
- SHALE OIL**  
Refining of military jet fuels from shale oil Part 1 Preliminary process design, economic and yield optimization, and computer modeling  
[AD-A117511] p 60 N83-10210
- An exploratory research and development program leading to specifications for aviation turbine fuel from whole crude shale oil Part 4 Production of samples of military fuels from raw shale oils  
[AD-A117526] p 60 N83-10211
- Refining of military jet fuels from shale oil Volume 3, part 2 Above ground shale oil process data  
[AD-A128635] p 758 N83-35162
- Refining of military jet fuels from shale oil, part 2, volume 2 (in situ shale oil process data)  
[AD-A129031] p 759 N83-36248
- Refining of military jet fuels from shale oil Part 3 Pilot plant sample preparation  
[AD-A128722] p 759 N83-36249
- SHAPE CONTROL**  
Analytical control of the shape of the polygons used in the finite-element method  
p 557 A83-37644
- SHAPE MEMORY ALLOYS**  
An evaluation of vacuum centrifuged titanium castings for helicopter components  
p 178 N83-15439
- SHAPES**  
Determination of the theoretical profile of the electrode tool in the electrochemical processing of parts of complex shape  
p 407 A83-32967
- SHARP LEADING EDGES**  
Embedded flow characteristics of sharp-edged rectangular wings  
p 190 A83-22152
- SHEAR FLOW**  
A wind tunnel for unsteady turbulent shear flows - Design and flow calculation  
p 218 A83-19664
- SHEAR LAYERS**  
Acoustic wave propagation through the shear layer of the DNW large open jet wind tunnel  
[AIAA PAPER 83-0699] p 306 A83-25919
- SHEAR PROPERTIES**  
Equivalent G/E of helicopter rotor blades --- shear modulus to Young's modulus ratio  
p 230 A83-22151
- The transition and dynamics of bounded and free shear layers  
[AD-A118665] p 217 N83-12380
- Physical properties data compilations relevant to energy storage Part 5 Mechanical properties data on alloys for use in flywheels  
[PB82-232919] p 296 N83-18904
- SHELL STRESS**  
Nonlinear supersonic flutter of panels considering shear deformation and rotary inertia  
p 473 A83-34315
- Secondary loading of spar caps due to shear deformation of the web  
p 559 A83-39991
- Experimental studies of the separating confluent boundary-layer Volume 1 Summary  
[NASA-CR-3655] p 427 N83-26822
- SHELL THEORY**  
A superelement analysis of stiffened shells --- Russian book on aircraft fuselage structures  
p 202 A83-20392
- Finite element strength analysis of rotating shell-plate structures  
p 229 A83-21448
- SHELLS (STRUCTURAL FORMS)**  
An experimental study of a high rotational speed propulsor  
[AD-A126060] p 539 N83-29238
- SHELTERS**  
Advisory circular Building for storage and maintenance of airport snow removal and ice control equipment A guide  
[FAA-AC-150/5220-15] p 560 N83-28283
- A laboratory study of the perceived benefit of additional noise attenuation by houses  
[NASA-TM-85647] p 706 N83-33682
- SHIELDING**  
The design of shielded pitot tubes with small sensitivity to incidence  
[RAE-TM-AERO-1863] p 530 N83-27988
- Experimental and analytical studies of shielding concepts for point sources and jet noise  
[UTIAS-266] p 571 N83-28983
- SHIPS**  
All-weather small-deck operations in the U.S. Navy  
[SAE PAPER 821503] p 508 A83-38010
- The tracking of ship routes via satellites  
p 513 A83-38935
- GPS for Manne navigation  
p 723 A83-48734
- A projected large low speed wind tunnel to meet Australian requirements Aerodynamics note  
[AD-A118913] p 209 N83-13125
- Construction of an ice model basin at the Ship Research Institute of the Ministry of Transportation  
[NRC/CNR-TT-2066] p 631 N83-30436
- Durability of propeller shaft interference fits under variable cyclic loading --- ship propellers during storms  
[DRIC-T-6880] p 684 N83-32803
- An investigation of flow improvement devices for reducing propeller excited vibration --- ship propellers  
[NMI-R-157] p 702 N83-34223
- SHOCK**  
Reynolds number effects on transonic shock location  
p 347 N83-20961
- SHOCK ABSORBERS**  
Hydromechanical dynamics of aircraft landing gear  
p 153 A83-18925
- Selecting shock and vibration isolators  
p 697 A83-46346
- Polyurethane foams for aircraft shock mounts 4 Other polyols  
[AD-A119399] p 178 N83-14287
- Landing gear shock absorber development to improve aircraft operating performance on rough and damaged runways  
p 158 N83-15299
- Evaluation of the efficiency of helicopter antibrush seats using a horizontal acceleration bench and a simulated crash  
p 250 N83-19444
- SHOCK DISCONTINUITY**  
Finite-volume solutions to the Euler equations in transonic flow  
[AIAA PAPER 81-1265] p 136 A83-18405
- SHOCK LAYERS**  
A three-dimensional hypersonic gas flow over a slender wing  
p 135 A83-17412
- Flow over flat and axisymmetric bodies moving at high variable velocities  
p 135 A83-17413
- Chemical equilibrium laminar or turbulent three-dimensional viscous shock-layer flows  
p 715 A83-48133

## SHOCK TESTS

### SHOCK TESTS

- The Shock and Vibration Bulletin Part 2 Environmental testing, shock testing, shock analysis  
[AD-D432830] p 66 N83-10231  
The Shock and Vibration Bulletin Part 3 Analytical methods, dynamic analysis, vehicle systems  
[AD-D432842] p 66 N83-10253

### SHOCK TUBES

- Review of shock tube and shock tunnel advancements at NAL p 290 A83-26127  
A shock tube driver with a 'cyclone' separator p 290 A83-26130  
A new, diaphragmless, flexible, luminous shock tube p 290 A83-26131  
A powder-injection shock-tube facility p 290 A83-26132  
The testing in BIA hypersonic gun tunnel p 290 A83-26133  
Measurement and analyses of heat flux data in a turbine stage I Description of experimental apparatus and data analysis [ASME PAPER 83-GT-121] p 740 A83-47950  
NOVA-2S correlation with KC-135A fuselage shock tube test results [AD-A124013] p 466 N83-25732

### SHOCK TUNNELS

- Review of shock tube and shock tunnel advancements at NAL p 290 A83-26127  
Current studies at Calspan utilizing short-duration flow techniques p 290 A83-26128  
An experimental investigation of turbulent base heat transfer in hypersonic flow p 659 A83-44569

### SHOCK WAVE ATTENUATION

- A three-dimensional model for the prediction of shock losses in compressor blade rows [ASME PAPER 83-GT-216] p 744 A83-48016

### SHOCK WAVE CONTROL

- Design of transonic shock-free airfoil p 660 A83-44572

### SHOCK WAVE INTERACTION

- Shock-associated noise in supersonic jets p 367 A83-28957  
Conical similarity of shock/boundary layer interactions generated by swept fins [AIAA PAPER 83-1756] p 492 A83-37229  
On the numerical solution of head-on vehicle shock-planar incident shock interaction flow p 659 A83-44556  
Shock wave boundary layer interaction in compressor cascades p 43 N83-11041  
Experimental investigation of a two-dimensional shock-turbulent boundary layer interaction with bleed [NASA-TM-83057] p 339 N83-22200  
An experimental study into the scaling of an unswept-sharp-fin-generated shock/turbulent boundary layer interaction [AD-A126919] p 645 N83-30967

### SHOCK WAVE PROFILES

- Adapter for mounting a microphone flush with the external surface of the skin of a pressurized aircraft [NASA-CASE-FRC-11072-1] p 526 N83-27975

### SHOCK WAVES

- Nonequilibrium flow over delta wings with detached shock waves p 176 A83-13126  
On the shock cell structure and noise of supersonic jets [AIAA PAPER 83-0703] p 306 A83-25923  
An experimental study of supersonic jet shock-associated noise [AIAA PAPER 83-0708] p 307 A83-25924  
Current studies at Calspan utilizing short-duration flow techniques p 290 A83-26128  
Coaxial supersonic jet-flows, shock structure and related problems with noise-suppression assessment and prediction [AIAA PAPER 83-0707] p 366 A83-28011  
Experiment of a shockless transonic airfoil partially modified from an arbitrary airfoil p 374 A83-32514  
Passive shock wave/boundary layer control for transonic supersonic airfoil drag reduction p 180 N83-13068  
Finite difference calculation of an inviscid transonic flow over oscillating airfoils [RAE-TRANS-2087] p 191 N83-16292  
Similarity rules for effects of sidewall boundary layer in two-dimensional wind tunnels p 347 N83-20960  
The Shock and Vibration Bulletin, no 52 Part 1 Welcome, keynote address, invited papers, rotor dynamics and machinery vibration [BULL-52-PT-1] p 644 N83-30684  
Feasibility of establishing a correlation between boundary layer growth and upstream shock conditions [AD-A126909] p 646 N83-30968  
The optical oil flow technique in a shock wave wind tunnel p 690 N83-32741

### SHOPS

- Design of the Eastern Air Lines plating shop p 689 A83-45866

### SHORAN

- Optimal complexing of measuring instruments in short range navigation systems p 17 A83-10803  
Potential accuracy of the goniometer section of a complex short-range navigation system p 259 A83-26929

### SHORT HAUL AIRCRAFT

- Selected results from the quiet short-haul research aircraft flight research program p 189 A83-13165  
Rolls Royce RB 211-535 power plant p 199 A83-15311  
Design features of a new commuter turboprop engine [SAE PAPER 820717] p 392 A83-31802  
Advanced propeller technology for new commuter aircraft [SAE PAPER 820720] p 392 A83-31803  
Design considerations for ease of maintenance in commuter aircraft [SAE PAPER 820722] p 371 A83-31804  
The CAC-100 - Design features --- passenger commuter transport aircraft [SAE PAPER 820730] p 385 A83-31806  
Interaction of the small commuter operation within the hub terminal [AIAA PAPER 83-1584] p 379 A83-33355  
Impact of new technology on future short-haul transports [AIAA PAPER 83-1604] p 388 A83-33367  
Short haul technology - Refining the turboprop [AIAA PAPER 83-1606] p 379 A83-33368  
Applications of advanced upper surface blowing propulsive-lift technology [SAE PAPER 820956] p 433 A83-33628  
SAAB-Fairchild 340 - Transatlantic frontrunner p 434 A83-35623  
Advanced turboprop and dual cycle engine performance benefits and installation options on a Mach 0.7 shorthaul transport aircraft [AIAA PAPER 83-1212] p 452 A83-36284  
Dashing ahead in commuterliners p 519 A83-38470  
PW100 - Canada's commuter turboprop p 615 A83-42524  
Future aircraft development for commuter and third-level operations [AIAA PAPER 83-2464] p 727 A83-48338  
Exploratory low-speed wind-tunnel investigation of advanced commuter configurations including an over-the-wing propeller design [AIAA PAPER 83-2531] p 732 A83-49590  
Application of advanced technologies to small, short-haul transport aircraft (STAT) [NASA-CR 152362] p 192 N83-12072  
Research and technology program perspectives for general aviation and commuter aircraft [NASA-CR-169875] p 187 N83-17454  
ATR 42 will have ultramodern, innovative cockpit, avionics p 208 N83-17759  
Application of variable-sweep wings to commuter aircraft [NASA-CR-166067] p 265 N83-18713  
The quiet short haul research aircraft p 268 N83-20832

### SHORT TAKEOFF AIRCRAFT

- Conflict of interest wind modeling in aircraft response study p 189 A83-13158  
Selected results from the quiet short-haul research aircraft flight research program p 189 A83-13165  
Augmentation of fighter aircraft lift and STOL capability by blowing outboard from the wing tips [AIAA PAPER 83-0078] p 130 A83-16507  
Circulation controlled STOL wing optimization [AIAA PAPER 83-0082] p 130 A83-16509  
Trimming high lift for STOL fighters [AIAA PAPER 83-0168] p 168 A83-16566  
A method for estimating the propulsion induced aerodynamic characteristics of STOL aircraft in ground effect [AIAA PAPER 83-0169] p 149 A83-16567  
Effects of spanwise blowing and reverse thrust on fighter low speed aerodynamics p 136 A83-18410  
US Navy STOVL - Waiting in the wings p 153 A83-19450  
CTOL, STOAL, V/STOL - An operational comparison for forward deployed CVNs p 196 A83-22157  
On the propulsion system of the NAL quiet STOL research aircraft p 446 A83-35831  
Entrainment and mixing in thrust augmenting ejectors [AIAA PAPER 83-0172] p 419 A83-36046  
STOL wind tunnel test results for a tactical supercruiser [AIAA PAPER 83-1224] p 420 A83-36291

## SUBJECT INDEX

- A high speed wind tunnel test evaluation of STOL dedicated advanced exhaust nozzle concepts [AIAA PAPER 83-1225] p 421 A83-36292  
Thrust reverser exhaust plume reingestion tests for a STOL fighter model [AIAA PAPER 83-1229] p 452 A83-36293  
Definition of vectored nonaxisymmetric nozzle plumes --- for aircraft thrust vector control [AIAA PAPER 83-1290] p 423 A83-36924  
Powered lift aerodynamics of USB STOL aircraft --- Upper Surface Blowing [AIAA PAPER 83-1848] p 499 A83-38676  
Exhaust nozzle concepts for STOL tactical aircraft [AIAA PAPER 83-1226] p 523 A83-39102  
Handling qualities criteria for STOL flight path control for approach and landing [AIAA PAPER 83-2106] p 625 A83-41935  
Innovative concepts for tactical STOL [AIAA PAPER 83-2129] p 597 A83-41952  
V/STOL, STOL, CTOL companions [SAWE PAPER 1499] p 603 A83-43759  
Vectored exhaust systems for STOL tactical aircraft [ASME PAPER 83-GT-212] p 744 A83-48013  
STOL fighter technology program [ASME PAPER 83-GT-243] p 726 A83-48033  
STOL attack aircraft design based on an upper surface blowing concept [AIAA PAPER 83-2535] p 729 A83-48369  
Supersonic V/STOL - Tandem fan concepts [AIAA PAPER 83-2567] p 746 A83-49597  
Acoustic environment on the surface of a large-scale powered model of a vectored-engine-over-the-wing STOL configuration p 73 N83-10272  
An engine installation for fan jet STOL aircraft using USB powered high lift system (I) engine matching test for circular confluent exhaust duct [NAL-TR-703] p 200 N83-12086  
The application of parameter estimation to flight measurements to obtain lateral-directional stability derivatives of an augmented jet flap STOL airplane [NASA-TP-2033] p 216 N83-16350  
General purpose flight simulation program (FSPK-1) Part 1 Contents of the program [NAL-TR-702] p 207 N83-17529  
Criteria for handling qualities of military aircraft [AD-A124222] p 217 N83-17555  
Viscous flowfields induced by three-dimensional lift jets in ground effect [AD-A121026] p 301 N83-19062  
The quiet short-haul research aircraft p 268 N83-20832  
Lessons from the past STOL system studies and Ottawa-Montreal STOL demonstration p 252 N83-20837  
A preliminary assessment of helicopter/VSTOL handling qualities specifications [AD A124667] p 461 N83-25716  
A flight test and simulation evaluation of the longitudinal final approach and landing performance of an automatic system for a light wing loading STOL aircraft [NASA-TM-84270] p 461 N83-26845  
Flight directors for STOL aircraft [NASA-CR-166517] p 593 N83-31590  
Aerodynamic ejectors in the UK [BAE-KRS-N-GEN-243] p 607 N83-31594  
An engineering method for estimating the aerodynamic characteristics of Circulation Control Wings (CCW) [AD-A126436] p 666 N83-33856  
A study of lateral flight path perturbations of STOL aircraft in the planetary boundary layer [UTIAS-TN-240] p 679 N83-33877  
On the prediction of the lateral/directional characteristics of distributed jet STOL configurations [AD-A128902] p 688 N83-33905
- SHOT PEENING**  
Shot peening for advanced aerospace design, Proceedings of the Aerospace Congress and Exposition, Anaheim, CA, October 25-28, 1982 p 696 A83-45872  
The application of shot peen forming technology to commercial aircraft wing skins [SAE PAPER 821456] p 657 A83-45875
- SHROUDED TURBINES**  
Aerodynamic effect of a honeycomb rotor tip shroud on a 50 8-centimeter-tip-diameter core turbine [NASA-TP-2112] p 215 N83-17547
- SHROUDS**  
CF6 jet engine diagnostics program High pressure turbine roundness/clearance investigation [NASA-CR-165581] p 202 N83-13100
- SHUTDOWNS**  
Experimental gas-fired pulse-combustion studies [NASA-CR-172827] p 637 N83-30548
- SIALON**  
The use of ceramics for engines p 757 A83-48636
- SIDELobe REDUCTION**  
Low-sidelobe radar antennas p 639 A83-40757



## SIDESLIP

- Stability of steady sideslip equilibria for high alpha — supersonic fighter aircraft p 284 A83-24031
- Numerical calculation of lift, moment coefficient and dynamic stability derivative on sideslipping wings in unsteady supersonic flows p 9 N83-10005
- Aerodynamic characteristics of the AFFTC noseboom instrumentation unit, volume 1 [AD-A118315] p 14 N83-11089
- The wake of a sideslipping wing in low speed flow [VKI-TN-143] p 192 N83-16301
- Sideslip indication system p 210 N83-17466
- Contribution of wing planform to rolling moment derivative due to sideslip, (L sub V) sub W, at subsonic speeds [ESDU-80033] p 663 N83-32751
- Effect of trailing-edge flaps on rolling moment derivative due to sideslip, (L sub V) sub F [ESDU-80034] p 663 N83-32752
- Effect of trailing-edge flaps on sideforce and yawing moment derivatives due to sideslip, (Y sub v) sub f and (N sub v) sub f, Amendment A [ESDU-81013-AMEND-A] p 663 N83-32755
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to sideslip, (Y sub v) sub f, (N sub v) sub f, (L sub v) sub f, in the presence of body, wing and tailplane [ESDU-82010] p 664 N83-32763
- Estimation of rolling moment derivative due to sideslip for complete aircraft at subsonic speeds [ESDU-81032-AMEND-A] p 678 N83-32791

## SIGNAL ANALYSIS

- Advanced facility for processing aircraft dynamic test data p 53 A83-10189
- Optimality of the measurement of navigation parameters on the basis of signals of difference-range-finding systems p 17 A83-10805
- Develop in-flight acoustic emission monitoring of aircraft to detect fatigue crack growth p 195 A83-15197

## SIGNAL DETECTION

- Operational sensitivity of EW receivers p 22 A83-11234
- Establishing signal processing and pattern recognition techniques for inflight discrimination between crack-growth acoustic emission and other acoustic waveforms p 214 A83-15198
- Effect of test result uncertainty on the performance of a context-free troubleshooting task [AD-A128584] p 577 N83-31573

## SIGNAL FADING

- Characterization of the dynamical response of receivers to fading p 299 A83-26471

## SIGNAL GENERATORS

- Generation of desired signals from acoustic drivers — for aircraft engine internal noise propagation experiment p 199 A83-15068

## SIGNAL MEASUREMENT

- A novel precise method of measuring the efficiency of arbitrary low-gain antennas p 181 A83-18643

## SIGNAL PROCESSING

- Solid state, 95 GHz tracking radar system p 24 A83-11918
- The employment of digital signal processing in radar devices - Advantages and disadvantages for the practice p 26 A83-13014
- A procedure for the utilization of the signals of a DME transponder to determine the position of an aircraft from the ground p 26 A83-13016
- A new technique for the precision DME of microwave landing system p 186 A83-16448
- High bypass ratio engine noise component separation by coherence technique p 211 A83-22159
- Adaptive detection of targets in laser speckle noise p 208 A83-22521
- The Integrated Inertial Navigation System - AN/ASN-132 p 254 A83-24855
- Nonlinear Kalman filtering techniques for terrain-aided navigation p 257 A83-26263
- Application of multiple model estimation to a recursive terrain height correlation system p 257 A83-26264
- An integrated multisensor aircraft track recovery system for remote sensing p 257 A83-26266
- Comparative analysis of a phase and an amplitude processor for amplitude monopulse systems p 431 A83-35192
- Polarimetric techniques in radar signal processing p 639 A83-40758
- Airborne radar and the three PRFs — Pulse Repetition Frequency p 589 A83-40759
- A multi-function radar system for RPs p 593 A83-43722
- A flight control and navigation system for small RPs p 593 A83-43723
- Collins avionics NAVSTAR GPS advanced digital receiver p 673 A83-46969

Direct aircraft velocity determination by L-band moving target detector radar [AD-A117512] p 27 N83-10031

Application of advanced signal processing techniques to angle of arrival estimation in ATC navigation and surveillance systems [AD-A118306] p 28 N83-11108

En route Moving Target Detector (MTD) 2 Test and evaluation p 359 N83-21212

Numerical treatment of Doppler radar signals — airport radar, video data [ENST-E-82014] p 478 N83-27114

Analytic redundancy management for flight control sensors p 751 N83-34900

## SIGNAL RECEPTION

Multipath propagation in the radio field of aircraft navigation systems p 252 A83-23414

Infrared fiber early warning receiver p 682 A83-46640

The effects of precipitation static and lightning on the airborne reception of Loran-C Volume 1 Analysis [DOT/FAA/RD-82/45-1] p 217 N83-12299

## SIGNAL REFLECTION

Improved simulation of ground reflections — of radio navigation signals for flight control p 258 A83-26486

The effect on the measurement of aircraft noise of reflections from the ground [NPL AC-102] p 653 N83-32517

## SIGNAL TO NOISE RATIOS

Effects of thermal noise and interference due to scatterers on VOR system accuracy p 18 A83-11092

Comparative analysis of a phase and an amplitude processor for amplitude monopulse systems p 431 A83-35192

Analysis of possible interference in radio altimeters induced by a position marker system called RASP [NLR-TR-81135-U] p 38 N83-10043

Application of advanced signal processing techniques to angle of arrival estimation in ATC navigation and surveillance systems [AD-A118306] p 28 N83-11108

Improved airborne HF receive antenna An ILIR report [AD-A118861] p 182 N83-14369

Investigation of the coupling of unsteady lift to low order acoustic duct modes in an axial flow fan [AD-A124819] p 483 N83-27796

## SIGNAL TRANSMISSION

Video distribution requirements for future tactical aircraft p 21 A83-11182

Accuracy and availability of various modern navigation procedures p 25 A83-13013

Design considerations for a electrical signal transmission subsystem /STS/ for the maximum performance ejection system /MPES/ p 191 A83-15442

Signal transmission via sliprings and telemetry p 216 N83-12267

## SIGNATURE ANALYSIS

Stimulus variables affecting dynamic target acquisition p 209 A83-22590

## SIKORSKY AIRCRAFT

FAA approved S-76A in-flight power assurance and trending procedure p 277 A83-24830

Process planning at Sikorsky p 695 A83-44872

Optimal short-range trajectories for helicopters [NASA-TM-84303] p 187 N83-17451

Mathematical model of the SH-3G helicopter [NASA-TM-84316] p 266 N83-19739

## SIKORSKY WHIRLWIND HELICOPTER

Flight service evaluation of composite components on Bell 206L and Sikorsky S-76 helicopters [NASA-TM-84637] p 297 N83-19815

## SILENCERS

Construction and performance of NAL two-dimensional transonic wind tunnel [NAL-TR-6477] p 57 N83-11146

## SILICON CARBIDES

Progress in net shape fabrication of alpha SiC turbine components [ASME PAPER 83-GT-238] p 763 A83-48030

Status report 1981 on the German BMFT-sponsored programme 'Ceramic components for vehicular gas turbines' p 756 A83-48309

Nitrogen ceramics in France p 757 A83-48310

The use of ceramics for engines p 757 A83-48636

Development and fabrication of refractory bodies for gas turbine engines [BMFT-FB-T-82-138] p 164 N83-14132

Development of high strength silicon carbide materials for gas turbine applications, phase 2 [BMFT-FB-T-82-140] p 164 N83-14133

## SILICON COMPOUNDS

Silicon-slurry/aluminate coating — protecting gas turbine engine vanes and blades [NASA-CASE-LEW-13343] p 638 N83-31795

## SILICON CONTROLLED RECTIFIERS

The 60-Hz to 400-Hz electrical power conversion [AD-A122040] p 302 N83-20007

## SILICON NITRIDES

The load-life relationship for M50 steel bearings with silicon nitride ceramic balls [ASLE PREPRINT 82-LC-3C-4] p 212 A83-13239

Evaluation of air-cooled Si3N4 vanes p 224 A83-22263

Brazing of silicon nitride p 756 A83-48286

Status report 1981 on the German BMFT-sponsored programme 'Ceramic components for vehicular gas turbines' p 756 A83-48309

Nitrogen ceramics in France p 757 A83-48310

The use of ceramics for engines p 757 A83-48636

Gas turbine parts made of injection molded silicon nitride [BMFT-FB-T-83-021] p 539 N83-29240

Gas turbine parts made of injection molded silicon nitride and brazing of silicon nitride with metal [BMFT-FB-T-83-028] p 554 N83-29377

Development of high-temperature resistant, noncorrosible, nonmetallic ceramic materials, especially silicon nitride, for heat exchangers in gas turbine application [BMFT-FB-T-83-026] p 555 N83-29408

## SIMPLIFICATION

The biparametric cycle count method and the principle of simplification p 698 N83-32730

## SIMULATION

Studies on an acceleration platform and at the time of a simulated crash of helicopter anticrash seats p 197 A83-22976

A study of the feasibility of statistical analysis of airport performance simulation [NASA-CR-3633] p 221 N83-12959

Effects of simulated lightning on composite and metallic joints [NASA-TM-84554] p 177 N83-14170

Simulation of a weather radar display for over-water airborne radar approaches [NASA-TM-84315] p 311 N83-22091

Correlation problems between flutter flight test data and ground tests/calculation results for a variable sweep wing aircraft p 628 N83-30379

Nanosecond resolution of E, H and I in aircraft lightning test rigs p 647 N83-31212

Performance of the Sandia lightning simulator during F-14A and F/A-18 aircraft lightning tests p 587 N83-31220

## SIMULATORS

Digital system for structural dynamics simulation [NASA-CR-168019] p 174 N83-14139

Survey of missile simulation and flight mechanics facilities in NATO [AD-A128440] p 550 N83-29276

Full-system tests using the Sandia lightning simulator p 832 N83-31213

Performance of the Sandia lightning simulator during F-14A and F/A-18 aircraft lightning tests p 587 N83-31220

An impulse generator to simulate lightning effects on aircraft p 587 N83-31221

Measurements and theoretical analysis of a full scale NEMP p 588 N83-31222

Updating the MCAIR lightning simulation laboratory p 632 N83-31223

## SINE WAVES

Sinusoidal integration for simulation of second-order systems [AIAA PAPER 83-1086] p 480 A83-36210

Computation of incompressible potential flow over an airfoil using a high order aerodynamic panel method based on circular arc panels [AD-A124896] p 428 N83-26825

## SINGLE CRYSTALS

Energy efficient engine high-pressure turbine single crystal vane and blade fabrication technology report [NASA-CR-165400] p 616 N83-30429

## SINGLE SIDEBAND TRANSMISSION

Improved airborne HF receive antenna An ILIR report [AD-A118861] p 182 N83-14369

## SINGULARITY (MATHEMATICS)

Numerical solutions for unsteady aeroflows using internal singularity distributions p 313 A83-29971

## SITE SELECTION

Optimum siting of NEXRAD to detect hazardous weather at airports p 304 A83-24037

VOR/DME automated station selection algorithm p 321 A83-28597

Fresh look is needed at south Florida jetport [GAO/CED-82-54] p 189 N83-14769

Minimum operating strip selection procedure p 175 N83-15285

- Evaluation of the pilot papers from the Spring 1981 SMP Meeting p 175 N83-15288  
The flow of air-passenger traffic in the Federal Republic of Germany with emphasis on airports and their hinterland [GEOGRAPHISCHE-SCHRIFTEN-18] p 380 N83-23283  
Questions and answers concerning runway 18 West [FACHTHEMEN-2] p 400 N83-23321
- SITES**  
Runway 18 West under discussion On icy winds in the airport controversy [FACHTHEMEN-1] p 400 N83-23320
- SIZE (DIMENSIONS)**  
A method to estimate weight and dimensions of small aircraft propulsion gas turbine engines User's guide [NASA-CR-168049] p 213 N83-16343
- SIZE DETERMINATION**  
Some effects of size on non-rigid airships p 327 N83-28192  
Drop size measurements in evaporating realistic sprays of emulsified and neat fuels [ASME PAPER 83-GT-231] p 756 A83-48027
- SIZE DISTRIBUTION**  
Comparison of modern icing cloud instruments [NASA-CR-168008] p 270 N83-18720
- SKID LANDINGS**  
Some applications of ultrasonic methods for the quality control of nonmetallic objects p 475 A83-36794
- SKIDDING**  
Pavement roughness and skid properties [PB82-212309] p 66 N83-10295
- SKIN (STRUCTURAL MEMBER)**  
Demonstration of reparability and repair quality on graphite/epoxy structural subelements p 186 A83-20485  
Noise transmission characteristics of advanced composite structural materials [AIAA PAPER 83-0694] p 306 A83-25915  
The application of shot peen forming technology to commercial aircraft wing skins [SAE PAPER 821456] p 657 A83-45875
- SKIN FRICTION**  
Research on non-planar wall geometries for turbulence control and skin-friction reduction p 374 A83-31975  
A nonintrusive laser interferometer method for measurement of skin friction p 695 A83-44677  
A nonlinear structural concept for compliant walls --- drag reduction [NASA-CR-3628] p 11 N83-11061  
A nonintrusive laser interferometer method for measurement of skin friction [NASA-TM-84300] p 217 N83-12393  
A unique flight test facility Description and results [NASA-TM-84900] p 208 N83-13124  
Similarity rules for effects of sidewall boundary layer in two-dimensional wind tunnels p 347 N83-20960  
Heat transfer and skin friction measurements in a hypersonic turbulent boundary layer at  $M = 9$  --- Mach number [IC-AERO-82-04] p 583 N83-30397
- SKIRTS**  
Skirts - Time for a new look? p 486 A83-35058  
Net skirt addition to a parachute canopy to prevent inversion p 428 A83-36911
- SKIS**  
Motion of the ski runners of an aircraft on soil I p 327 A83-29281  
Short takeoff performance using a gravity assist ski jump [AD-A126456] p 679 N83-33879
- SLENDER BODIES**  
Flat spin of slender bodies at high angles of attack p 286 A83-24879  
Flat spin of bodies with circular cross-section [AIAA PAPER 83-2147] p 626 A83-41968  
Apparent-mass coefficients for isosceles triangles and cross sections formed by two circles --- in slender body fuselage aerodynamics p 675 A83-43973  
Transonic and nonlinear flow research [AD-A121477] p 246 N83-19719
- SLENDER WINGS**  
Application of fatigue-strength analysis to the evaluation of the consequences of local damage and the effects of wing-shell repairs, III - An example of the application of fatigue-strength analysis using a specific fatigue wear p 213 A83-14620  
A three-dimensional hypersonic gas flow over a slender wing p 135 A83-17412  
Curved lifting-line theory for thin planar wings p 189 A83-21024  
Alternative wing concepts for a long-distance aircraft of the nineties [DGLR PAPER 82-029] p 261 A83-24155  
Induced drag of a slender wing in a nonuniform stream p 312 A83-28970
- Calculation of a turbulent boundary layer of an incompressible fluid over swept wings of large aspect ratios p 495 A83-37803  
The fluid mechanics of slender wing rock --- vortex shedding of delta configurations [AIAA PAPER 83-1810] p 497 A83-38643  
High aspect ratio forward sweep for transport aircraft [AIAA PAPER 83-1832] p 498 A83-38661  
Aerodynamic design for improved maneuverability by the use of three-dimensional transonic theory [AIAA PAPER 83-1859] p 521 A83-38688  
Experimental and analytical investigation of the subsonic aerodynamics of slender wings with leading-edge vortex flaps [AIAA PAPER 83-2113] p 579 A83-41940  
Experimental work on the aerodynamics of integrated slender wings for supersonic flight p 659 A83-44360  
Slender wings with leading edge vortex-separation p 661 A83-46466  
Application of slender wing benefits to military aircraft [AIAA PAPER 83-2566] p 717 A83-49596  
Some measurements of buffeting on a flutter model of a typical strike aircraft p 627 N83-30370
- SLIDING FRICTION**  
Wear and friction of high-temperature self-lubricating composites [ASLE PREPRINT 82-LC-28-2] p 212 A83-13234  
The effect of the jet fuel temperature on wear rates during the friction of sliding and rolling p 210 A83-16145  
Motion of the ski runners of an aircraft on soil I p 327 A83-29281
- SLIP CASTING**  
Fabrication of complex shaped ceramic articles by slip casting and injection molding p 763 A83-48306
- SLIPSTREAMS**  
A transonic analysis of propfan slipstream effect on a supercritical wing [AIAA PAPER 83-0186] p 132 A83-16577  
Signal transmission via sliprings and telemetry p 216 N83-12267  
Propeller mean slipstream computation Slipstream influence on aircraft performances [SNIAS-822-111-104] p 389 N83-23299
- SLOPES**  
Operation of a helicopter on sloping ground I p 182 A83-14618  
Operation of a helicopter on sloping ground II p 182 A83-14624  
An analytical evaluation of three visual approach slope indicators [AD-A122973] p 382 N83-23290
- SLOT ANTENNAS**  
An asymptotic high frequency analysis of the radiation from sources on perfectly-conducting structures with an impedance surface patch p 144 A83-18647  
Radiation characteristics of radial waveguide fed slot arrays of various shapes p 181 A83-18692
- SLOTS**  
The effect of slot suction on the aerodynamic characteristics of an airfoil at transonic velocities p 494 A83-37552  
Wind tunnel tests of a zero length, slotted-lip engine air inlet for a fixed nacelle V/STOL aircraft [NASA-TM-82939] p 9 N83-10019  
A study of the flow around a slotted flap end [BU-279] p 192 N83-16306
- SLOTTED WIND TUNNELS**  
Wall Interference in Wind Tunnels [AD-A124122] p 347 N83-20957  
A method for determining wall-interference corrections in solid-wall tunnels from measurements of static pressure at the walls p 347 N83-20958  
Two-dimensional transonic testing method p 347 N83-20962  
Flow properties of slotted-wall test sections p 347 N83-20963  
Experimental investigation of interferences of top and bottom slotted walls and the effects of sidewalls in a transonic airfoil wind tunnel p 690 N83-32729
- SLURRIES**  
Silicon-slurry/aluminide coating --- protecting gas turbine engine vanes and blades [NASA-CASE-LEW-13343] p 638 N83-31795
- SLURRY PROPELLANTS**  
Investigation of slurry fuel performance for use in a ramjet propulsor p 223 A83-21014
- SMALL PERTURBATION FLOW**  
Finite-length solutions for rotodynamic coefficients of turbulent annular seals [ASME PAPER 82-LUB-42] p 212 A83-13521  
Problems concerning supersonic flow past bodies of prismatic configurations p 179 A83-16394  
A numerical transformation solution procedure for closely coupled canard-wing transonic flows [AIAA PAPER 83-0502] p 137 A83-19591
- An axisymmetric nacelle and turboprop inlet analysis including power simulation p 375 A83-32584  
Some recent applications of XTRAN3S --- time marching finite difference code for solution of three-dimensional transonic small perturbation flow [AIAA PAPER 83-1811] p 497 A83-38644
- SMOKE**  
Radiation and smoke from the gas turbine combustor using heavy fuels p 294 A83-23877  
Development of lightweight, fire retardant, low smoke, thermally stable, high strength floor paneling Passenger floor panels [NASA-CR-167770] p 212 N83-13174  
An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part I Smoke [PB83-113522] p 251 N83-19727  
Numerical calculations of turbulent buoyant flow in aircraft cabins [FAA-CT-82-61] p 319 N83-22170  
An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications [AD-A125025] p 471 N83-27034  
Improved interior emergency lighting study [DOT/FAA/CT-83/31] p 721 N83-36010
- SMOKE ABATEMENT**  
Hydrogen aspiration in a direct injection type diesel engine its effects on smoke and other engine performance parameters p 642 A83-42958  
An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications [AD-A121228] p 215 N83-17549
- SNEAK CIRCUIT ANALYSIS**  
Investigation of network tree technology as a tool for developing effective fault isolation procedures p 63 A83-11231
- SNOW**  
Obscuration by helicopter-produced snow clouds p 197 A83-22357  
Operation of ILS during snow and ice conditions p 320 A83-27969  
Aircraft accident report. Air Florida, Inc Boeing 737-222, N62AF collision with 14th Street Bridge, near Washington National Airport, Washington, D.C., January 13, 1982 [PB82-910408] p 15 N83-10022  
Advisory circular Building for storage and maintenance of airport snow removal and ice control equipment. A guide [FAA-AC-150/5220-15] p 560 N83-28283
- SOCIAL FACTORS**  
Plot-in-command A sociological analysis of general aviation accidents p 184 N83-13079
- SODIUM CHLORIDES**  
Reactions of NaCl with gaseous SO<sub>3</sub>, SO<sub>2</sub>, and O<sub>2</sub> [NASA-TM-83423] p 554 N83-29358
- SODIUM SULFATES**  
Reactions of NaCl with gaseous SO<sub>3</sub>, SO<sub>2</sub>, and O<sub>2</sub> [NASA-TM-83423] p 554 N83-29358
- SOFTWARE TOOLS**  
Robotic testing for digital systems --- for software in avionics and flight control systems [SAE PAPER 821422] p 568 A83-37979  
Performing literal calculation with a micro-computer --- symbolic calculations applied to aeroelasticity problem p 705 A83-45980  
An integrated user-oriented laboratory for verification of digital flight control systems Features and capabilities [NASA-TM-84276] p 47 N83-10048  
Avionic software design p 334 N83-22113  
An interactive bombing mission simulation with computer graphics interface [AD-A124661] p 481 N83-26637  
Wellborne inertial navigation system [DE83-004012] p 594 N83-31593
- SOIL MECHANICS**  
Motion of the ski runners of an aircraft on soil I p 327 A83-29281  
Soft airfield test with F-4 aircraft [AD-A125393] p 548 N83-28008
- SOILS**  
Crash tests of three identical low-wing single-engine airplane [NASA-TP-2190] p 720 N83-34921
- SOLAR COMPASSES**  
Radio navigation and airplane navigation [AD-A120595] p 202 N83-16325
- SOLAR ENERGY**  
The solar aircraft [NASA-TM-77042] p 388 N83-23295
- SOLAR POWERED AIRCRAFT**  
Solar drones scan the earth p 150 A83-16872  
Sun-powered aircraft designs p 386 A83-32577  
The solar aircraft [NASA-TM-77042] p 388 N83-23295

## SUBJECT INDEX

### SOLAR PROPULSION

- The solar aircraft  
[NASA-TM-77042] p 388 N83-23295

### SOLAR THERMAL ELECTRIC POWER PLANTS

- The design and construction of a low power gas turbine for solar energy conversion - An analytical model of operation of the installation in a variable mode --- French thesis p 361 A83-28647

### SOLID ELECTRODES

- Determination of the theoretical profile of the electrode tool in the electrochemical processing of parts of complex shape p 407 A83-32967

### SOLID LUBRICANTS

- Wear and friction of high-temperature self-lubricating composites  
[ASLE PREPRINT 82-LC-2B-2] p 212 A83-13234  
Feasibility of dry lubrication for limited-duty gas turbine engines  
[AIAA PAPER 83-1130] p 475 A83-36405

### SOLID STATE DEVICES

- Solid state, 95 GHz tracking radar system p 24 A83-11918

### SOLID SURFACES

- A study of the motion of thin-section wings of complex configurations near a solid surface p 375 A83-33005

### SOLID-SOLID INTERFACES

- Adhesive bonding and composites p 551 A83-40131

### SOLIDIFICATION

- Optical observations of unidirectional solidification in microgravity  
[NASA-TP-2110] p 225 N83-16492

### SOLIDS FLOW

- Compressor cascade performance deterioration caused by sand ingestion  
[NASA-CR-168067] p 190 N83-16286

### SOLUBILITY

- Sublethal effects of JP-4 on Lepomis macrochirus  
[AD-A128618] p 758 N83-35163

### SONIC BOOMS

- Supersonic maneuvers without superbooms p 189 A83-21021  
Intensity of focused sonic booms in straight flight at constant altitude p 571 A83-39424  
Ultra sound and insurance p 412 N83-24286

### SONIC NOZZLES

- Screech suppression in supersonic jets p 237 A83-19814

### SONOBOUOYS

- LAMPS MK III acoustic target tracker p 609 A83-41533  
The management of a large real-time military avionics project p 335 N83-22144

### SOOT

- Measured and predicted soot profiles in a gas turbine combustor p 41 A83-12077  
Sooting tendency of fuels containing polycyclic aromatics in a research combustor p 225 A83-23138  
The effect of hydrocarbon structure upon fuel sooting tendency in a turbulent spray diffusion flame  
[ASME PAPER 83-GT-90] p 755 A83-47937

### SOUND FIELDS

- Noise generation by a low-Mach-number jet p 769 A83-49462  
Limits on the prediction of helicopter rotor noise using thickness and loading sources Validation of helicopter noise prediction techniques  
[NASA-CR-166097] p 412 N83-25498  
Acoustical modal analysis of the pressure field in the tailpipe of a turbofan engine p 412 N83-25499  
Investigation of the coupling of unsteady lift to low order acoustic duct modes in an axial flow fan  
[AD-A124819] p 483 N83-27796

### SOUND GENERATORS

- Length and time scales relevant to sound generation in excited jets p 222 A83-15298

### SOUND INTENSITY

- A new measurement method for separating airborne and structureborne noise radiated by aircraft type panels  
[NASA-TP-2079] p 73 N83-11838

### SOUND PRESSURE

- Prediction of jet exhaust noise on airframe surfaces during low-speed flight p 198 A83-13160  
Length and time scales relevant to sound generation in excited jets p 222 A83-15298  
Procedure for evaluation of engine isolators for reduced structure-borne noise transmission p 199 A83-15320  
Cross spectra between temperature and pressure in a constant area duct downstream of a combustor  
[AIAA PAPER 83-0762] p 481 A83-33487  
Noise of the 10-bladed, 40 deg swept SR-6 propeller in a wind tunnel  
[NASA-TM-82950] p 74 N83-11840  
Noise source mechanisms in unsteady flow  
[PB82-203837] p 223 N83-12976

### USAF bioenvironmental noise data handbook. Volume

- 157 KC-10A in-flight crew noise  
[AD-A120507] p 191 N83-16156  
Helicopter noise exposure curves for use in environmental impact assessment  
[AD-A123467] p 413 N83-25500  
An introduction to aircraft noise lateral attenuation --- sound pressure level  
[ESDU-81035] p 706 N83-33677

### SOUND PROPAGATION

- Sounding propagation in multistage axial flow turbomachines p 222 A83-15289  
An experimental investigation of sound radiation from a duct with a circumferentially varying liner  
[AIAA PAPER 83-0712] p 307 A83-25928  
Sound propagation through fluctuating flows - Its significance in aeroacoustics  
[AIAA PAPER 83-0697] p 308 A83-26448  
Measurements of the scattering of sound by a line vortex  
[AIAA PAPER 83-0676] p 365 A83-28004  
Sound propagation in segmented exhaust ducts - Theoretical predictions and comparison with measurements  
[AIAA PAPER 83-0734] p 366 A83-28016  
Edge tones in high-speed flows and their application to multiple-jet mixing p 482 A83-36077  
Sound propagation in ducts with impedance walls in the presence of an air flow II - Optimization of acoustic attenuation in ducts p 570 A83-37512  
Nonstationarity in acoustic fields p 769 A83-47628  
Effects of noise radiated from convected ring sources in coaxial dual flow Part 1 The noise from unheated jets  
[NASA-CR-169737] p 238 N83-17238  
Radiation of sound from unflanged cylindrical ducts  
[NASA-CR-172171] p 705 N83-33591  
Estimation of lateral attenuation of air-to-ground jet or turbofan aircraft noise in one-third octave bands  
[ESDU 82027] p 706 N83-33680

### SOUND TRANSDUCERS

- Sandia Helicopter Acoustic Detector (SHAD)  
[DE82-018925] p 483 N83-27803

### SOUND TRANSMISSION

- Procedure for evaluation of engine isolators for reduced structure borne noise transmission p 199 A83-15320  
Application of 3-signal coherence to core noise transmission  
[AIAA PAPER 83-0759] p 366 A83-28021  
Direct measurement of transmission loss of aircraft structures using the acoustic intensity approach p 327 A83-28185  
The Shock and Vibration Digest, volume 14, no 8  
[AD-A119004] p 67 N83-10433  
Recent research on noise transmission into aircraft p 73 N83-10435  
Propeller aircraft interior noise p 309 N83-18658

### SOUND WAVES

- An experimental investigation of sound radiation from a duct with a circumferentially varying liner  
[AIAA PAPER 83-0712] p 307 A83-25928  
Prediction of sound radiation from different practical jet engine inlets  
[NASA-CR-169533] p 223 N83-13936  
Sonic fatigue testing of the NASA L-1011 composite aileron p 607 N83-30796  
Linear theory of pressure oscillations in liquid fueled ramjet engines p 685 N83-33886  
Rotor noise due to blade-turbulence interaction  
[AD-A129757] p 770 N83-36851

### SPACE BASED RADAR

- Adaptively pointing spaceborne radar for precipitation measurements p 410 N83-25315  
The outlook for precipitation measurements from space p 410 N83-25316

### SPACE EXPLORATION

- Universities - Have they a role in aeronautical research? Flight mechanics, avionics and space p 575 A83-42619

### SPACE FLIGHT

- New technologies from developments in air transport and space travel  
[DGLR PAPER 82-074] p 310 A83-24188  
Our first quarter century of achievement Just the beginning  
[NASA-NEWS-RELEASE-83-132] p 708 N83-34882

### SPACE HEATING (BUILDINGS)

- Heat-activated heat-pump development and potential application of Stirling-engine technology  
[DE83-002134] p 363 N83-22817

### SPACE LAW

- Manufacturer's liability in international aerospace - A view from the United States p 572 A83-39696

## SPACECRAFT INSTRUMENTS

### SPACE NAVIGATION

- Integrated navigation Actual and potential - Sea-air space, Proceedings of the International Congress, Paris, France, September 21-24, 1982 Volumes 1 & 2 p 254 A83-24851  
National Aerospace Meeting, Moffett Field, CA, March 24, 25, 1982, Proceedings p 322 A83-28776  
Institute of Navigation, Annual Meeting, 38th, U S Air Force Academy, Colorado Springs, CO, June 14-17, 1982, Proceedings p 323 A83-29201  
Experimental results of using the GPS for Landsat 4 onboard navigation p 672 A83-46963

### SPACE PROGRAMS

- Balloon research and cooperative programmes p 490 A83-39838

### SPACE SHUTTLE ORBITERS

- Structural analysis of Shuttle orbiter penetration tiles  
[AIAA PAPER 83-0914] p 406 A83-32788  
Application of Calspan pitch rate control system to the Space Shuttle for approach and landing  
[NASA-CR-170402] p 397 N83-24513  
Transient heat-transfer measurement technique in wind tunnel and data analysis technique using system identification theory  
[AD-A124663] p 424 N83-25669  
Graphite/Larc-160 technology demonstration segment test results  
[NASA-CR-172123] p 637 N83-30539

### SPACE SHUTTLE PAYLOADS

- SLV-3 flight vibration environment p 629 N83-30721

### SPACE SHUTTLES

- Institute of Navigation, Annual Meeting, 38th, U S Air Force Academy, Colorado Springs, CO, June 14-17, 1982, Proceedings p 323 A83-29201  
Aerospace safety advisory panel  
[NASA-TM-85220] p 248 N83-18697  
Predicted and flight test results of the performance and stability and control of the space shuttle from reentry to landing p 634 N83-30360

### SPACE STATIONS

- Space station crew-safety requirements p 467 A83-36408

### SPACE SURVEILLANCE

- A nonlinear smoothing procedure for the reconstruction of flight trajectories on the basis of radar data p 185 A83-14494

### SPACE TRANSPORTATION SYSTEM

- National Aeronautics and Space Administration research and development, including space flight, control and data communications p 573 N83-29134

### SPACE TRANSPORTATION SYSTEM FLIGHTS

- Space Shuttle stability and control derivatives estimated from the first entry p 544 A83-37065

### SPACEBORNE EXPERIMENTS

- Isothermal gradient heat-pipes space furnace (500 to 1000 deg C) p 633 N83-31659

### SPACECRAFT ANTENNAS

- Recent examples of conformal microstrip antenna arrays for aerospace applications p 144 A83-18672

### SPACECRAFT CONFIGURATIONS

- Alternative techniques to GPS/NAVSTAR p 513 A83-38937

### SPACECRAFT CONSTRUCTION MATERIALS

- Air Force technical objective document FY 1984  
[AD-A123961] p 487 N83-26783

### SPACECRAFT CONTROL

- Space Shuttle stability and control derivatives estimated from the first entry p 544 A83-37065  
A new strapdown attitude algorithm p 511 A83-37068  
Guidance and Control Conference, Gatlinburg, TN, August 15-17, 1983, Collection of Technical Papers p 650 A83-41659  
Complex optimization of engine systems for spacecraft control --- Russian book on low thrust propulsion control p 755 A83-48248

### SPACECRAFT DESIGN

- The intricate patterns of stress p 180 A83-17282  
Aerospace technology demonstrators/research and operational options  
[AIAA PAPER 83-1054] p 438 A83-36465  
Methods for teaching aerospace vehicle design  
[AIAA PAPER 83-2475] p 771 A83-49582  
Modification of flight vehicle vibration modes to account for design changes p 607 N83-30790  
Aerospace industry materials Choice criteria and needs to be met  
[SNIAS-831-502-101] p 658 N83-32742

### SPACECRAFT GUIDANCE

- Guidance and Control Conference, Gatlinburg, TN, August 15-17, 1983, Collection of Technical Papers p 650 A83-41659

### SPACECRAFT INSTRUMENTS

- Space technology - The art and science of ergonomics p 681 A83-45605

## SPACECRAFT MANEUVERS

### SPACECRAFT MANEUVERS

A small parameter method in problems of maneuvering space vehicles with aerodynamic efficiency p 467 A83-34849

### SPACECRAFT POWER SUPPLIES

Engineering properties of Hughes/Air Force nickel-hydrogen cells p 361 A83-27203  
Aerospace safety advisory panel [NASA-TM-85220] p 248 N83-18697

### SPACECRAFT PROPULSION

Complex optimization of engine systems for spacecraft control --- Russian book on low thrust propulsion control p 755 A83-48248  
Thermodynamic and flow mechanical problems in aircraft and spacecraft drives Summary of work and results for 1980, 81, 82 p 707 N83-34822

### SPACECRAFT REENTRY

On the simulation of the hypervelocity regime of flow past bodies in wind tunnels p 312 A83-27714  
Space Shuttle stability and control derivatives estimated from the first entry p 544 A83-37065

### SPACECRAFT RELIABILITY

Autonomy in military aircraft [AAS PAPER 83-041] p 691 A83-44168

### SPACECRAFT STRUCTURES

Design, fabrication and test of graphite/polyimide composite joints and attachments [AIAA 83-0907] p 355 A83-29763  
Practical applications of fracture mechanics in aircraft and aerospace structural problems [AD-A118321] p 68 N83-11520  
Graphite/Larc-160 technology demonstration segment test results [NASA-CR-172123] p 637 N83-30539  
SLV-3 flight vibration environment p 629 N83-30721  
Structures and Dynamics Division Research and technology plans for FY 1983 and accomplishments for FY 1982 [NASA-TM-85661] p 648 N83-32095

### SPACECREWS

Space-station crew-safety requirements p 467 A83-38408

### SPACING

Aircraft separation assurance - Systems design p 252 A83-23371

### SPANLOADER AIRCRAFT

An experimental and theoretical investigation of thick wings at various sweep angles in and out of ground effect [NASA-TP-2068] p 9 N83-10016

### SPANWISE BLOWING

The acoustic response of a propeller subjected to gusts incident from various inflow angles [AIAA PAPER 83-0692] p 366 A83-28010  
Augmentation of fighter-aircraft performance by spanwise blowing over the wing leading edge [NASA-TM-84330] p 315 N83-22159

### SPARE PARTS

Requirements and production capabilities are uncertain for some Air Force, Navy and Marine Corps aircraft spares and repair parts [AD-A118423] p 6 N83-11055  
F100 engine build policy findings [AD-A122868] p 311 N83-20907  
POM (Program Objective Memorandum) FY-85 BP 1500 cost growth and leadtime adjustments Research results [AD-A128522] p 654 N83-32667

### SPARK IGNITION

Characteristic time ignition model extended to an annular gas turbine combustor p 39 A83-10666  
Computed and measured turbulence in axisymmetric reciprocating engines p 276 A83-24669  
A steady state performance model for general aviation spark-ignition piston engines p 336 A83-27183  
Ignition and combustion Low compression ratio, high output diesel [NASA-CR-169742] p 166 N83-15309  
The spark-ignition aircraft piston engine of the future p 353 N83-22450

### SPARK MACHINING

Electrical discharge machining of aluminum honeycomb core p 229 A83-20500

### SPATIAL DEPENDENCIES

Analysis of pilot control strategy [NASA-CR-170399] p 344 N83-22212

### SPATIAL DISTRIBUTION

Modeling the spatial distribution of aircraft on visual flight rules p 253 A83-24040  
Static testing to evaluate tanker delivery performance --- distribution of flame retardants in forest fires [PB82-179946] p 194 N83-12079  
Heater-generated intermediate-scale irregularities Spatial distribution and spectral characteristics [AD-A120866] p 302 N83-20048

### SPATIAL FILTERING

The role and nature of adaptive antennas in ECCM [AD-P00923] p 701 N83-34148

### SPATIAL RESOLUTION

Image generation on matrix displays p 611 N83-30418

### SPECIFIC HEAT

Thermodynamics of organic compounds [AD-A125022] p 483 N83-27895

### SPECIFICATIONS

The definition of short-period flying qualities characteristics via equivalent systems p 395 A83-32578

Present status of flying qualities criteria for conventional aircraft --- military specifications transfer functions p 48 N83-10055

Status of VTOL and VSTOL flying qualities criteria development Where are we and where are we going? p 49 N83-10056

An exploratory research and development program leading to specifications for aviation turbine fuel from whole crude shale oil Part 4 Production of samples of military fuels from raw shale oils [AD-A117526] p 60 N83-10211

Technical and secretariat support of the MIL-STD-1515 fastener standardization effort [AD-A119828] p 232 N83-16760

The A-7E software requirements document Three years of change data [AD-A121602] p 237 N83-18322

The quality of avionics software Specification and evaluation p 335 N83-22142

Proposed MIL standard and handbook Flying qualities of air vehicles Volume 1 Proposed MIL standard [AD-A123674] p 373 N83-24468

Integration of a new sensor on to an existing aircraft p 732 N83-34901

### SPECKLE PATTERNS

Adaptive detection of targets in laser speckle noise p 208 A83-22521

### SPECTRAL EMISSION

Flight systems safety program [DE82-021833] p 413 N83-25529

### SPECTRAL ENERGY DISTRIBUTION

Heater-generated intermediate-scale irregularities Spatial distribution and spectral characteristics [AD-A120866] p 302 N83-20048

### SPECTRAL REFLECTANCE

Lidar remote-sensing - Fluorescence and differential reflectance experiments p 704 A83-45420

### SPECTRAL SENSITIVITY

Fatigue sensitivity of composite structure for fighter aircraft p 152 A83-18402

### SPECTRAL SIGNATURES

Simulation of background clutter --- causing target signature distortion p 62 A83-10063

### SPECTROPHOTOMETRY

Lubricants in bearings and absorbed materials on aircraft fuel lines by infrared emission Fourier microspectrophotometry p 220 N83-13455

### SPECTRUM ANALYSIS

Advanced facility for processing aircraft dynamic test data p 53 A83-10189

Improved methods for predicting spectrum loading effects Volume 1 Technical summary [AD-A118295] p 68 N83-11521

Ferrographic and spectrometer oil analysis from a failed gas turbine engine [NASA-TM-82956] p 218 N83-12433

A user's manual for a computer program to predict fatigue crack growth on flight-by-flight basis (FLTGRO) [AD-A118965] p 184 N83-14531

Background study on efficient use of the 2700-2900 MHz band [PB83-214288] p 766 N83-36352

### SPEECH RECOGNITION

F-16 voice message system study p 19 A83-11121

Voice techniques on board aircraft - An experimental approach p 19 A83-11123

Advanced speech technology in fighter cockpits - A new perspective on issues and applications p 19 A83-11125

Voice-actuated avionics p 724 A83-48891

Application of advanced speech technology in manned penetration bombers [AD-A119274] p 219 N83-13344

Electronic voice communications improvements for Army aircraft [AD-A119427] p 183 N83-14387

General review of military applications of voice processing p 701 N83-34180

A survey of equipment and research p 701 N83-34185

Automatic recognition of speech in military aircraft p 702 N83-34186

Automatic speech recognition as a cockpit interface p 736 N83-34899

### SPEED CONTROL

Instantaneous, predictable balloon system descent from high altitude p 524 A83-39808

Vertical flight path and speed control autopilot design using total energy principles [AIAA PAPER 83-2239] p 622 A83-41716

### SPEED INDICATORS

A true air speed sensor for miniature unmanned aircraft p 444 A83-36613

Plating on glass for hermetic seal [SAE PAPER 820613] p 696 A83-45871

Experimental and analytical studies of a true airspeed sensor [NASA-CR-165704] p 530 N83-27989

### SPHERES

Aerodynamic drag in two-phase flows p 135 A83-17408

### SPHERICAL ANTENNAS

Synthesis of conformal HF and VHF directional arrays on spherical bodies using surface resonator techniques p 181 A83-18679

### SPIKES (AERODYNAMIC CONFIGURATIONS)

Effects of external burning on spike-induced separated flow p 715 A83-48132

### SPIN

Rotary balance data for a typical single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg 2 Influence of horizontal tail location for Model D [NASA-CR-3247] p 180 N83-13070

### SPIN DYNAMICS

An evaluation of aerodynamics modeling of spinning light airplanes [AIAA PAPER 83-0368] p 169 A83-17922

Flat spin of slender bodies at high angles of attack p 286 A83-24879

Influence of airplane components on rotational aerodynamic data for a typical single-engine airplane [AIAA PAPER 83-2135] p 579 A83-41957

Flat spin of bodies with circular cross-section [AIAA PAPER 83-2147] p 626 A83-41968

Estimation of parameters involved in high angle-of attack aerodynamic theory using spin flight test data [AIAA PAPER 83-2086] p 627 A83-43809

F-14 rotary balance tests for an angle-of-attack range of 0 deg to 90 deg [AD-A124468] p 441 N83-25700

### SPIN REDUCTION

Wind-tunnel investigation of effects of wing-leading-edge modifications on the high angle-of-attack characteristics of a T-tail low-wing general-aviation aircraft [NASA-CR-3636] p 179 N83-12049

### SPIN STABILIZATION

Spin prediction techniques p 169 A83-18401

### SPIN TESTS

Spin prediction techniques p 169 A83-18401

Flat spin of slender bodies at high angles of attack p 286 A83-24879

Rotary balance data for a typical single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg 1 Influence of airplane components for model D --- Langley spin tunnel tests [NASA-CR-3246] p 315 N83-20918

Rotor testing in FY 1982 p 562 N83-28622

### SPINDLES

Demonstration and analysis of an improved nondestructive evaluation (NDE) method for rotary wing head spindle threads [AD-A128741] p 712 N83-34890

### SPLINE FUNCTIONS

Surfaces in computer aided geometric design, Proceedings of the Conference, Oberwolfach, West Germany, April 25-30, 1982 p 480 A83-33613

Complex combined curve design and fitting - A B-spline multiple knot method p 651 A83-43699

Investigations on four-dimensional guidance in the TMA p 326 N83-22187

### SPLINES

Reliability of aircraft splines with or without a wear induction period [ASME PAPER 82-WA/DE-4] p 299 A83-25700

Interactive spline modelling [AD-A128841] p 680 N83-33881

### SPOILERS

Wake vortex attenuation flight tests - A status report p 30 A83-11808

Calculation method for transonic separated flows over airfoils including spoiler effects [ONERA, TP NO 1982-66] p 177 A83-14526

Long-term operational testing of CFRP spoilers p 710 A83-47205

Aviation accident report Train Air, Incorporated, Gates Learjet 24, N44CJ, Felt, Oklahoma, 1 October 1981 [PB82-910404] p 184 N83-13082

## SUBJECT INDEX

- Wind tunnel force and pressure tests  
[NASA-CR-3439] p 190 N83-16287
- SPONTANEOUS COMBUSTION**  
Spontaneous ignition characteristics of hydrocarbon fuel-air mixtures p 554 N83-29231
- SPOT WELDS**  
Comparison of properties of joints prepared by ultrasonic welding and other means p 406 A83-32586
- SPRAY CHARACTERISTICS**  
High-pressure flame visualization of autoignition and flashback phenomena with liquid-fuel spray [NASA-TM-83501] p 747 N83-34948
- SPRAY NOZZLES**  
Numerical simulation for droplet combustion using Lagrangian hydrodynamics p 537 N83-29210  
Structure of evaporating and combusting sprays  
Measurements and predictions p 538 N83-29211
- SPRAYERS**  
Particle sizing by measurement of forward-scattered light at two angles [NASA-TP-2156] p 395 N83-24509
- SPRAYING**  
Fuel spray diagnostics p 538 N83-29212
- SPREAD SPECTRUM TRANSMISSION**  
The development of JTIDS distributed TDMA /DTDMA/ advanced development model /ADM/ terminals - Joint Tactical Information Distribution System p 18 A83-11094
- SPRINGS (ELASTIC)**  
Aerodynamic compliant bearings for small turbo-engines p 537 N83-15537  
Computer control and activation of six-degree-of-freedom simulator [AD-A126126] p 549 N83-28010
- SPUTTERING**  
Sputtered ceramic coatings and sealing layers [DE82-005225] p 226 N83-16531
- SQUARE WAVES**  
A note on adaptive wind tunnels with imperfect control p 466 N83-26792
- SQUEEZE FILMS**  
Experimental investigation on the role of flexbars and metallic end seals in squeeze film dampers --- of gas turbine engines p 473 A83-35862  
An investigation into the effect of side-plate clearance in an uncentralized squeeze-film damper [ASME PAPER 83-GT-176] p 761 A83-47975
- STABILITY**  
Rotordynamic Instability Problems in High-Performance Turbomachinery [NASA-CP-2250] p 186 N83-15629  
Instabilities of geared couplings Theory and practice p 187 N83-15634  
Effect of external stores on the stability and control characteristics of a delta wing fighter model at Mach numbers from 0.60 to 2.01 [NASA-TM-84596] p 194 N83-17508  
Development of a non-insulated cryogenic strain-gauge balance [M-TP-82-006-U] p 402 N83-24520  
Flutter prediction in forward-swept wings by assumed modes and strip theory [AD-A124715] p 461 N83-25719  
Research on aviation fuel instability [NASA-TM-83420] p 553 N83-28255  
A theory of rotating stall of multistage axial compressors [NASA-CR-3685] p 506 N83-29175  
Active vibration control of large flexible structures p 644 N83-30729
- STABILITY AUGMENTATION**  
Estimating roll coupling instability for highly augmented aircraft [AIAA PAPER 83-0366] p 169 A83-16673  
Aircraft with reduced longitudinal stability [BMFT FB-W-82-004] p 53 N83-11145  
Development of the MICROSAS longitudinal flight control system for the augmentor wing aircraft [AD-A128331] p 629 N83-31608  
Low cost fluidic sensors p 735 N83-34897
- STABILITY DERIVATIVES**  
A new approach to weapon separation aerodynamics p 177 A83-13164  
Advances in methods for predicting store aerodynamic characteristics in proximity to an aircraft [AIAA PAPER 83-0266] p 133 A83-16622  
Calculation of fundamental aerodynamic derivatives of aircraft p 135 A83-16882  
Investigation of the longitudinal motion of a flight vehicle by the method of the separation of motions p 215 A83-20144  
A unifying framework for longitudinal flying qualities criteria p 285 A83-24429  
Calculation of fundamental aerodynamic derivatives of aircraft II p 373 A83-30516

- Application of maximum likelihood estimation to the identification of the stability derivatives of a wide body transport aircraft p 460 A83-35121  
Space Shuttle stability and control derivatives estimated from the first entry p 544 A83-37065  
A comparison of minimizing strategies for maximum likelihood identification --- stability and control derivatives of wide body aircraft p 567 A83-37085  
Qualification of the Datcom for sweptforward wing planforms A summary of work to date [AIAA PAPER 83-1836] p 499 A83-38665  
On approximating higher-order rotor dynamics in helicopter stability-derivative models [AIAA PAPER 83-2088] p 624 A83-41920  
Subsonic roll oscillation experiments on the Standard Dynamics Model [AIAA PAPER 83-2134] p 626 A83-41956  
The method of pole displacement in the artificial stabilization of dynamic systems p 705 A83-46500  
Conceptual kinematic design using homogeneous coordinate transformations [AIAA PAPER 83-2460] p 768 A83-48337  
Numerical calculation of lift, moment coefficient and dynamic stability derivative on sideslipping wings in unsteady supersonic flows p 9 N83-10005  
A mathematical model of a single main rotor helicopter for piloted simulation [NASA-TM-84281] p 48 N83-10051  
Dynamic stability characteristics in pitch, yaw, and roll of a supercritical-wing research airplane model - Langley 8-foot transonic tunnel tests [NASA-TM-X-2900] p 4 N83-11023  
Aerodynamic characteristics of two 10-percent thick NASA supercritical airfoils with different upper surface curvature distributions --- Langley 8 foot transonic tunnel tests [NASA-TM-X-2977] p 5 N83-11026  
Aerodynamic characteristics of an improved 10-percent-thick NASA supercritical airfoil --- Langley 8 foot transonic tunnel tests [NASA-TM-X-2978] p 5 N83-11031  
Dynamic stability of flight vehicles [AD-A119637] p 170 N83-14137  
Representation of airfoil behaviour p 192 N83-17472  
A computer program for obtaining airplane configuration plots from digital Datcom input data [NASA-TM-84639] p 331 N83-20933  
The YAV-8B simulation and modeling Volume 1 Aircraft description and program summary [NASA-CR-170397] p 333 N83-22193  
The YAV 8B simulation and modeling Volume 2 Program listing [NASA-CR-170397] p 333 N83-22194  
Flight dynamics analysis and simulation of heavy lift airships Volume 2 Technical manual [NASA CR-166471 VOL-2] p 344 N83-22208  
A conceptual framework for using Doppler radar acquired atmospheric data for flight simulation [NASA TP 2192] p 526 N83-27977  
Experimental experience at Calspan p 688 N83-33900
- STABILITY TESTS**  
Measured plane stability characteristics in hover for an advanced bearingless rotor [AIAA 83-0987] p 330 A83-29865
- STABILIZED PLATFORMS**  
The stable sensor platform (SSP) tethered balloon series [AIAA PAPER 83-2000] p 509 A83-38921
- STABILIZERS (FLUID DYNAMICS)**  
Vibration isolation system development for the FB-111 tail pod electronics p 150 A83-16932  
Application of multiple objective optimization techniques to finite element model tuning --- for flutter analysis of T-38 aircraft horizontal stabilizer [AIAA 83-1010] p 356 A83-29796  
Flutter investigation of a repaired T-38 horizontal stabilizer using NASTRAN p 641 A83-42541  
Finite element model tuning via multiple objective optimization techniques p 641 A83-42542  
Design, fabrication, and qualification of composite carbon/epoxy horizontal stabilizer components p 575 A83-42546  
A NASTRAN model of a large flexible swing wing bomber Volume 2 NASTRAN model development-horizontal stabilizer, vertical stabilizer and nacelle structures [NASA CR-170392-VOL-2] p 154 N83-14108  
Advanced manufacturing development of a composite empennage component for L-1011 aircraft [NASA-CR-172657] p 440 N83-25694  
Investigation of an improved finite element model for a repaired T-38 horizontal stabilizer flutter analysis using NASTRAN [AD-A124741] p 461 N83-25717

## STARTING

- Structural model tuning via vector optimization [AD-A124791] p 477 N83-26103  
Advanced composite vertical stabilizer for DC-10 transport aircraft [NASA-CR-172780] p 607 N83-31595  
Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of yaw, (Y sub r)sub F, (N sub r)sub F, (L sub r)sub F [ESDU-82017] p 664 N83-32764  
Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of roll, (Y sub p)sub F, (N sub p)sub F, (L sub p)sub F, in the presence of body, wing and tailplate [ESDU-83006] p 665 N83-32770
- STACKS**  
An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications [AD-A125025] p 471 N83-27034  
Characteristics of a fluted nozzle gas eductor system --- gas turbine exhaust gas cooling systems [AD-A128065] p 702 N83-34241
- STAGNATION FLOW**  
Prediction of stagnation flow heat transfer on turbomachinery airfoils [AIAA PAPER 83-1173] p 420 A83-36259
- STAGNATION POINT**  
Calculation of boundary layers near the stagnation point of an oscillating airfoil [NASA-TM-84305] p 478 N83-27148  
Stagnation region gas film cooling Effects of dimensionless coolant temperature [NASA-CR-168197] p 645 N83-30960
- STAGNATION PRESSURE**  
The design of shielded pitot tubes with small sensitivity to incidence [RAE TM-AERO 1863] p 530 N83-27988
- STAGNATION TEMPERATURE**  
Investigation at near sonic speed of some effects of humidity on the longitudinal aerodynamic characteristics of an NASA supercritical wing research airplane model [NASA-TM-X-2618] p 5 N83-11029  
Condensation studies in cryogenic nitrogen expansions p 465 N83-25720
- STAINLESS STEELS**  
Rolling-element fatigue life of AMS 5900 balls [NASA-TP-2080] p 232 N83-16758  
Metallic alloy stability studies p 292 N83-18760
- STALLING**  
Effects of compressor hub treatment on stator stall margin and performance [AIAA PAPER 83-1352] p 475 A83-36354  
Techniques for determining engine stall recovery characteristics p 543 N83-29265  
Designing for stability in advanced turbine engines p 543 N83-29266
- STANDARDIZATION**  
Role of standards with integrated control p 568 A83-37104  
Safety benefits analysis of general aviation cockpit standardization [FAA-CT-82-143] p 140 N83-15272  
Technical and secretariat support of the MIL-STD-1515 fastener standardization effort [AD-A119828] p 232 N83-16760
- STANDARDS**  
The development of standards for the common ICAO Data Interchange Network /CIDIN/ p 230 A83-22027  
U S sets own standards for airport lighting p 463 A83-35625  
Aircraft cabin safety staffing standards [H-REPT-97-394] p 15 N83-11093  
Aircraft cabin safety staffing standards [GPO-77 969] p 16 N83-11094  
Development of avionics installation interface standards [AD A116852] p 38 N83-11123  
Proposed MIL standard and handbook Flying qualities of air vehicles Volume 2 Proposed MIL handbook [AD-A123726] p 441 N83-25704  
Propeller aircraft noise certification and flight testing [DFVLR-MITT-82-16] p 572 N83-28993  
Advisory circular Certification of transport category rotorcraft [FAA AC-29-2] p 721 N83-36011
- STANDING WAVES**  
Flutter and forced response of mistuned rotors using standing wave analysis [AIAA 83-0845] p 357 A83-29823  
Investigation of the coupling of unsteady lift to low order acoustic duct modes in an axial flow fan [AD-A124819] p 483 N83-27796
- STARTING**  
Airstart performance of a digital electronic engine control system in an F-15 airplane [NASA-TM-84908] p 339 N83-22203

- Restartable high power gas generator  
[AD-A127291] p 646 N83-31022  
Comparative evaluation of gas-turbine engine  
combustion chamber starting and stalling characteristics  
for mechanical and air-injection  
[NASA-TM-77024] p 684 N83-32805

**STATE VECTORS**

- Nonlinear observers for evaluating the state variables  
of the longitudinal motion of an aircraft --- German thesis  
p 169 A83-19622  
State-space aeroelastic modeling and its application in  
flutter calculation p 300 A83-26761  
State space model concept for evaluating survivability  
methodologies for aircraft design p 598 A83-42567  
Vector optimization applied to survivability methodology  
evaluation --- for aircraft design p 651 A83-42568

**STATIC AERODYNAMIC CHARACTERISTICS**

- Numerical calculations for performances of propellers  
in a static-state by vortex theory accounting of slipstream  
deformation and their comparisons with experiments  
p 189 A83-22072

**STATIC DISCHARGERS**

- Laboratory and in flight passive dischargers  
characterization --- for elimination of electrostatic radiation  
interference  
[ONERA, TP NO 1983-54] p 719 A83-48176  
The effects of precipitation static and lightning on the  
airborne reception of Loran-C Volume 1 Analysis  
[DOT/FAA/RD-82/45-1] p 217 N83-12299  
P-static flight evaluation of a large jet aircraft  
p 588 N83-31230

**STATIC ELECTRICITY**

- A systematic characterization of the effects of  
atmospheric electricity on the operational conditions of  
aircraft  
[ONERA, TP NO 1983-59] p 719 A83-48180  
The effects of precipitation static and lightning on the  
airborne reception of Loran-C Volume 1 Analysis  
[DOT/FAA/RD-82/45-1] p 217 N83-12299  
Digital system upset The effects of simulated  
lightning-induced transients on a general-purpose  
microprocessor  
[NASA-TM-84652] p 411 N83-24212  
Damage of RFC surface layers by electrostatic  
charging p 649 N83-31169  
Digital system upset The effects of simulated  
lightning-induced transients on a general purpose  
microprocessor p 651 N83-31233

**STATIC FRICTION**

- Effects of static friction on the forced response of  
frictionally damped turbine blades  
[ASME PAPER 83-GT 155] p 741 A83-47981

**STATIC LOADS**

- Feasibility of computing residual displacements in  
runways and crater repairs  
[AD-A118610] p 208 N83-12105  
Methods used at Aerospatiale for calculating the loads  
on a rotor and experimental cross checks  
p 194 N83-17486  
Designing with rolling bearings Part 3 Special types  
[ESDU-82014] p 698 N83-33160

**STATIC PRESSURE**

- The swirl in an S-duct of typical air intake proportions  
p 418 A83-35620  
Effect of steady-state pressure distortion on inlet flow  
to a high-bypass-ratio turbofan engine  
[NASA-TM-82964] p 166 N83-15306  
Flight evaluation of an engine static pressure noseprobe  
in an F-15 airplane  
[NASA-CR-163109] p 214 N83-17546  
Force and pressure measurements on a research model  
with a low-, mid- and T-tail at Mach numbers of 0.60 to  
0.90 Volume 2 Tabulated data  
[AD-A124068] p 425 N83-25676  
Experimental study of strength and existence domain  
of ground-to-air inlet vortices by ground board static  
pressure measurements  
[PB83-144865] p 460 N83-26843  
An experimental study of transonic flow about a  
supercritical airfoil Static pressure and drag data obtained  
from tests of a supercritical airfoil and an NACA 0012  
airfoil at transonic speeds, supplement  
[NASA-TM-81336-SUPPL] p 666 N83-33846

**STATIC STABILITY**

- Application of model reference adaptive control to a  
relaxed static stability transport aircraft  
p 46 A83-11209  
Decomposition method for minimizing the weight of the  
load-carrying structure of a swept wing with allowance for  
the conditions of static strength and prescribed aileron  
efficiency p 556 A83-37514  
Wind tunnel demonstration of an optimized LTA system  
with 65 percent power reduction and neutral static  
stability  
[AIAA PAPER 83-1981] p 522 A83-38910

- Coupled static stability analysis for nonlinear  
aerodynamics  
[AIAA PAPER 83-2069] p 623 A83-41906

- Static aerodynamic characteristics of a model with a  
17 percent thick supercritical wing  
[NASA-TM-X-2551] p 12 N83-11074

- Static longitudinal aerodynamic characteristics of a  
model with a modified 17 percent thick supercritical wing  
[NASA-TM-X-3211] p 13 N83-11081

- Low-speed aerodynamic characteristics of a transport  
configuration having a 42 deg swept supercritical airfoil  
wing and three tail height positions  
[NASA-TM-X-3149] p 32 N83-11115

- Structural testing for static failure, flutter and other scary  
things  
[NASA-TM-84606] p 234 N83-17899

- Influence of configuration components of statically  
unstable combat aircraft on the aerodynamic design for  
high angle-of attack p 245 N83-18694

- A computer program for obtaining airplane configuration  
plots from digital Datcom input data  
[NASA-TM-84639] p 331 N83-20933

- Flying qualities of relaxed static stability aircraft, volume  
1 --- flight characteristics  
[AD A128758] p 333 N83-22189

- Flying qualities of relaxed static stability aircraft, volume  
2 --- flight characteristics  
[AD-A128720] p 333 N83-22190

**STATIC TESTS**

- Support interference in static and dynamic tests --- of  
wind tunnel models at high angles of attack  
p 55 A83-11074

- Theoretical stiffness matrix correction by using static  
test results p 229 A83-21007

- Flight effects on fan noise with static and wind tunnel  
comparisons  
[AIAA PAPER 83-0678] p 279 A83-25910

- Static and damage tolerance tests of an advanced  
composite vertical fin for L-1011 aircraft  
[AIAA 83-0970] p 328 A83-29780

- Design and experimentation within the Mobility  
Development Laboratory (MDL) utilizing the Static and  
Dynamic Test Machines p 630 A83-42549

- Static testing to evaluate air tanker delivery performance  
--- distribution of flame retardants in forest fires  
[PB82-179946] p 194 N83-12079

**STATICS**

- Problems of the statics and dynamics of modern  
engineering structures - Current status and prospects  
p 213 A83-14726

**STATISTICAL ANALYSIS**

- An analysis of the fatality rate data from 'jettison-canopy'  
and 'through-the-canopy' ejections from automated  
airborne escape systems p 182 A83-15403  
Statistical estimation of the mean time-to-failure of an  
aircraft engine as a function of the cause of failure  
p 272 A83-23433

- The reliability of aviation systems --- Russian book  
p 299 A83-25621

- Statistical modeling of ballistic damage and residual  
strength in composite structures  
[AIAA 83-1002] p 351 A83-29790

- Choice of optimal cabin capacity --- statistical model  
for optimal number of seats in passenger aircraft  
p 318 A83-29968

- An analysis of reports of operational errors  
[AD-A123416] p 383 N83-24499

- Statistical experimental designs in computer aided  
optimal aircraft design p 442 N83-26812

- Statistical review of counting accelerometer data for  
Navy and Marine fleet aircraft  
[AD-A124966] p 443 N83-26834

- Effect of test result uncertainty on the performance of  
a context-free troubleshooting task  
[AD-A128584] p 577 N83-31573

**STATISTICAL CORRELATION**

- Reply correlation test analysis in monopulse beacon  
radars p 200 A83-22727

**STATISTICAL DISTRIBUTIONS**

- Simulation of background clutter --- causing target  
signature distortion p 62 A83-10063

- Statistical crack propagation in fastener holes under  
spectrum loading  
[AIAA 83-0808] p 356 A83-29808

**STATISTICAL MECHANICS**

- A study of the statistical dynamics of flight vehicles  
p 396 A83-33009

**STATISTICAL TESTS**

- Statistical determination of a flaw detection probability  
curve p 300 A83-26763

**STATOR BLADES**

- Effects of compressor hub treatment on stator stall  
margin and performance  
[AIAA PAPER 83-1352] p 475 A83-36354

**STATORS**

- Experimental evaluation of inlet turbulence, wall  
boundary layer, surface finish, and fillet radius on small  
axial turbine state performance  
[SAE PAPER 821475] p 534 A83-38001

- A study of the gas-dynamic efficiency of the labyrinth  
seals of gas-turbine engines with a profiled stator wall  
p 615 A83-42153

- The measurement of turbomachinery stator-to drum  
running clearances  
[ASME PAPER 83-GT 204] p 743 A83-48005

- The effect of the stator with unequal pitch cascades  
on the compressor blade vibration p 42 N83-10013

- Performance of a tandem-rotor/tandem-stator  
conical-flow compressor designed for a pressure ratio of  
3  
[NASA-TP-2034] p 10 N83-11058

- Analytical and experimental investigation of stator  
endwall contouring in a small axial-flow turbine 1 Stator  
performance  
[NASA-TP-2023] p 43 N83-11125

- Damping seal for turbomachinery  
[NASA-CASE-MFS-25842-1] p 477 N83-26080

- Evaluation of ceramics for stator applications Gas  
turbine engines interim report Stator fabrication and  
evaluation  
[NASA-CR-168140] p 637 N83-30662

**STEADY FLOW**

- The far field of an airfoil p 7 A83-10573  
Explicit and implicit corrected viscosity schemes for the  
computation of steady transonic flows p 177 A83-14606

- Experiment of a shockless transonic airfoil partially  
modified from an arbitrary airfoil p 374 A83-32514

- A study of the motion of thin-section wings of complex  
configurations near a solid surface p 375 A83-33005

- The LANN program - An experimental and theoretical  
study of steady and unsteady transonic airloads on a  
supercritical wing  
[AIAA PAPER 83-1686] p 502 A83-39099

- Critical review of the trailing edge condition in steady  
and unsteady flow Blade flutter in compressors and fans  
Numerical simulation of the aerodynamic loading  
[NASA-CR 169705] p 137 N83-15264

- Flutter prediction in forward-swept wings by assumed  
modes and strip theory  
[AD-A124715] p 461 N83-25719

- Nonlinear aerodynamics of conical delta wings  
p 504 N83-27956

**STEADY STATE**

- Effect of steady-state pressure distortion on inlet flow  
to a high-bypass-ratio turbofan engine  
[NASA-TM-82964] p 166 N83-15306

- Application of the finite element method to the solution  
of transient two-dimensional temperature field for  
air-cooled turbine blade p 301 N83-18958

- Improvements in the dynamic simulation of gas  
turbines p 543 N83-29264

**STEAM TURBINES**

- Acoustic emission monitoring of steam turbines  
[DE82-904663] p 73 N83-10887

- Analysis of a turbine rotor containing a transverse crack  
at Oak Creek Unit 17 p 186 N83-15632

- Small cracks in large forgings p 701 N83-34109

**STEEL STRUCTURES**

- The Avdel MBC aerospace blind riveting system  
p 62 A83-10870

- Economic evaluation of a standard product of  
fiber-reinforced composite material in comparison with  
steel p 551 A83-38875

**STEELS**

- Influence of overloads and block loading sequences on  
mode III fatigue crack propagation in A469 rotor steel  
p 551 A83-39075

- Accelerated corrosion testing  
[AD-A125639] p 553 N83-28211

**STEERABLE ANTENNAS**

- The application of sub-optimal control methods to  
adaptive antennas for airborne communication systems  
p 143 A83-18632

- Low cost antenna pointing system --- with computerized  
control for transmission from aircraft to satellite  
p 651 A83-42575

**STEERING**

- Escape low and hot --- vertical-seeking, steerable  
ejection seat design for F 14A aircraft p 384 A83-31587

- Braking and cornering studies on an air cushion landing  
system  
[NASA-TP-2196] p 733 N83-34935

**STEPS**

- Semi implicit calculation method of the flow field in a  
duct with the flame stabilized by a step --- for aircraft engine  
combustion chamber design  
[ONERA, TP NO 1983 52] p 446 A83-35820



## STEREOPHOTOGRAPHY

Bootstrap stereo error simulations — autonomous aerial navigation using terrain images p 25 A83-12895

## STEREOSCOPIC VISION

Three-Dimensional Displays Perceptual Research and Applications to Military Systems [AD-A12577] p 309 N83-20692

Critical research issues on cockpit applications of 3-D displays p 272 N83-20697

Issues in the evaluation of 3-D display applications p 309 N83-20699

Applicability of 3D display research to operational needs p 272 N83-20702

## STEREOSCOPY

Potential uses of two types of stereographic display systems in the airborne fire control environment p 270 A83-26314

JANUS - An aircraft prototype of a low earth orbit split beam stereoscopic observing system — for wind field determination p 355 A83-29696

## STIFFENING

Overall buckling of specially orthotropic Z-stiffened panels Part 1 Theory [VTH-LR-351-PT-1] p 69 N83-11526

On the fail-safe characteristics of stiffened panels [DFVLR-FB-83-08] p 562 N83-28501

## STIFFNESS

The stiffness of transport wings for minimum weight p 358 A83-29970

Control of the material properties and structural application of carbon fibre reinforced plastics [AIAA PAPER 83-0859] p 403 A83-32790

Finite element prediction of damping in beams with constrained viscoelastic layers p 66 N83-10223

Design of helicopter rotor blades for optimum dynamic characteristics [NASA-CR-169940] p 266 N83-18716

Loads and performance data from a wind-tunnel test of model articulated helicopter rotors with 2 different blade torsional stiffnesses [NASA-TM-84573] p 377 N83-24471

An evaluation of the pavement condition index prediction model for rigid airfield pavements [AD-A123002] p 402 N83-24524

Repair of graphite/epoxy composites p 636 N83-30535

Aircraft applications p 636 N83-30536

Unsymmetric laminated graphite/epoxy composite plate and beam analysis for determining coefficients of thermal expansion [AD-A128625] p 765 N83-35416

## STIFFNESS MATRIX

Investigation of dynamic characteristics of an elastic wing due to correction of mass and stiffness matrices [AIAA PAPER 83-0653] p 150 A83-16818

Theoretical stiffness matrix correction by using static test results p 229 A83-21007

The use of multiple coordinate systems to form stiffness matrices of thin-walled structures on the basis of hybrid computational schemes p 354 A83-29283

Application of a systematic finite-element model modification technique to dynamic analysis of structures [NASA-TM-83292] p 301 N83-19124

## STIMULATION

Stimulation versus simulation — as illustrated with Mission System Avionics for Airborne Early Warning Nimrod p 185 A83-18332

## STIRLING CYCLE

Whence Stirling engines — auto and air applications p 353 A83-27265

Heat-activated heat-pump development and potential application of Stirling-engine technology [DE83-002134] p 363 N83-22817

A structural-ceramic research program A preliminary economic analysis [DE83-014263] p 766 N83-36499

## STOCHASTIC PROCESSES

Rotor blade flap-lag stability in turbulent flows p 151 A83-18380

Concepts of stochastic stability in rotor dynamics p 152 A83-18382

Stochastic control and identification enhancement for the flutter suppression problem p 286 A83-26544

Tradeoff studies in multiobjective insensitive design of airplane control systems [AIAA PAPER 83-2273] p 622 A83-41739

Correlation of flight test and analytic M-on-N air combat exchange ratios — Many-on-Many p 710 A83-48219

Identification and stochastic control of helicopter dynamic modes [NASA-CR-166425] p 157 N83-15283

Investigation of a third order aero-damped vehicle channel of INS [AD-A124882] p 432 N83-26828

Structure of evaporating and combusting sprays Measurements and predictions p 538 N83-29211

## STOICHIOMETRY

A variable-geometry combustor used to study primary and secondary zone stoichiometry [NASA-TM-83372] p 537 N83-27995

Preliminary tests of an advanced high-temperature combustion system [NASA-TP-2203] p 686 N83-33893

## STORAGE STABILITY

The effect of additive compositions on the oxidation stability of T-6 fuel p 58 A83-10458

## STORM DAMAGE

Observations of severe in-flight environments on airplane composite structural components p 600 A83-43330

Lightning attachment patterns and flight conditions for storm hazards, 1980 [NASA-TP-2087] p 139 N83-14077

## STORMS

Scanning strategies for next generation weather radars A study based on lifetimes of convective atmospheric phenomena hazardous to aviation [FAA-RD-82-89] p 476 N83-25929

## STORMS (METEOROLOGY)

Aircraft observations of large scale cloud systems [AD-A122515] p 767 A83-49698

## STRAIN ENERGY METHODS

Recent aircraft tire thermal studies [SAE PAPER 821392] p 517 A83-37968

Further advances in helicopter vibration control p 334 N83-22477

## STRAIN GAGE BALANCES

The measurement of impulsive forces on a wind tunnel model with a conventional strain gage balance p 55 A83-11069

Feasibility study on strain gage balances for cryogenic wind tunnels at ONERA [ONERA, TP NO 1982-87] p 206 A83-14539

Strain gage balances and buffet gages p 292 N83-18766

## STRAIN GAGES

Strain measurement of acoustically excited aircraft structures at elevated temperatures p 297 A83-23366

Experimental verification of properties of S-N fatigue life gages for the purpose of a use of the gages as indicators of the relative severity of operating conditions p 398 A83-30514

Application of thin film strain gages and thermocouples for measurement on aircraft engine parts [AIAA PAPER 83-1292] p 444 A83-36326

Advanced techniques for measurement of strain and temperature in a turbine engine [AIAA PAPER 83-1296] p 558 A83-39106

Strain gages used for torque measurement in a gas turbine environment [PNR-90111] p 68 N83-11484

Application of strain gauges and thermocouples to rotating and stationary hardware p 215 N83-12266

Development of a non-insulated cryogenic strain-gage balance [M-TP-82-006-U] p 402 N83-24520

Analysis of strain gage reliability in F-100 jet engine testing at NASA Lewis Research Center [NASA-TM-83325] p 408 N83-24829

Development of a cryogenic windtunnel balance [KB-TE-1-1173] p 632 N83-31611

## STRAIN RATE

The effect of loading rates, temperature and moisture on the fracture toughness of polycarbonate p 223 A83-20497

## STRAKES

Low-speed aerodynamic characteristics of a generic forward-swept-wing aircraft [SAE PAPER 821467] p 496 A83-37998

The impact of strakes on a vortex-flapped delta wing [AIAA PAPER 83-1814] p 497 A83-38647

Strake-wing-body combinations p 264 N83-18698

A numerical study of Strake aerodynamics [AD-A125882] p 506 N83-29182

## STRAPDOWN INERTIAL GUIDANCE

Strapdown inertial performance needed for the 1990s p 19 A83-11127

Unaided tactical guidance flight test results p 20 A83-11140

Development of inertial navigation and its employment in measurement technology p 141 A83-16900

Carrier Aircraft Inertial Navigation System /CAINS/ integrated system approach p 254 A83-24854

Analysis of the precision of inertial navigation systems — German thesis p 321 A83-28649

Guidance and flight control demonstration in a helicopter flight environment using a laser-gyro inertial navigation system p 322 A83-28779

Performance of a Strapdown Ring Laser Gyro Tetrad Inertial Navigation System in a helicopter flight environment p 322 A83-28781

## A new strapdown attitude algorithm

p 511 A83-37068

Kalman filter formulations for transfer alignment of strapdown inertial units p 569 A83-40303

Design of an integrated strapdown guidance and control system for a tactical missile [AIAA PAPER 83-2169] p 591 A83-41665

A sensitivity analysis of the Kalman filter as applied to an inertial navigation system [AD-A119823] p 147 N83-14101

Flight testing of a strapdown system Results of a special flight test — inertial navigation [DFVLR-MITT-83-02] p 514 N83-27973

## STRAPS

Aircraft acceleration sensitive inertia reel lock [AD-A122208] p 250 N83-19723

## STRATIFIED FLOW

Evolution of aircraft trailing vortices in a stratified fluid [AIAA PAPER 83-0564] p 134 A83-16792

Numerical simulation of the atmosphere during a CAT encounter p 565 A83-38764

## STRATOSPHERE

The radiation controlled balloon (RACON) p 524 A83-39803

Electrodynamics of the stratosphere using 5000 cu m superpressure balloons p 525 A83-39818

Activities report of the French aerospace and research industry p 221 N83-17564

## STREAM FUNCTIONS (FLUIDS)

Linearized potential solution for an airfoil in nonuniform parallel streams [NASA-CR-173047] p 665 N83-33843

## STREAMLINING

The status of two- and three-dimensional testing in the University of Southampton transonic self-streamlining wind tunnel p 349 N83-20971

## STRESS ANALYSIS

Cumulative damage and life-estimations in fatigue p 64 A83-12660

An efficient triangular plate bending finite element for crash simulation p 64 A83-12755

The application of nonlinear analysis techniques to practical structural design problems p 65 A83-12765

Deflections of inflated cylindrical cantilever beams subjected to bending and torsion p 65 A83-12853

Calculated and experimental stress distributions in a ribbon parachute canopy p 181 A83-13168

Fatigue life evaluation of the A-7E arresting gear hook shank p 175 A83-13912

Natural frequency of rotating beams using non-rotating modes p 181 A83-18383

The analysis of operational stresses — on aircraft during flight p 181 A83-18596

Theoretical stiffness matrix correction by using static test results p 229 A83-21007

Finite element strength analysis of rotating shell-plate structures p 229 A83-21448

Damage tolerance assessment of the A-7D aircraft structure p 204 A83-21771

A software package for computing the three-dimensional stressed state of the blades of gas-turbine engines p 354 A83-28507

Research on the thermomechanical stress in turbine disks under thermal manipulations — German thesis p 337 A83-28667

Turbine blade nonlinear structural and life analysis p 337 A83-29024

On the determination of the load-carrying capacity of the glass-plastic propeller blade of an aircraft p 338 A83-29294

Design, analysis and test of composite curved frames for helicopter fuselage structure [AIAA 83-1005] p 356 A83-29805

Comparison of properties of joints prepared by ultrasonic welding and other means p 406 A83-32586

Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight p 433 A83-33506

Stress analysis of critical areas of low-pressure compressor-disc assembly of a developmental aero-engine p 449 A83-35880

Flight tests of tow wire forces while flying a racetrack pattern p 439 A83-36919

Generalization of the results of calculations of the stressed state of structures with cutouts — such as wing and fuselage combinations p 556 A83-37268

Interaction of a sunk bolt with parts of a single-shear joint in conditions of radial tension p 557 A83-37517

Balloon film strain measurement p 530 A83-39807

The effect of the stator with unequal pitch cascades on the compressor blade vibration p 42 N83-10013

A new capability for elastic aircraft airloads via NASTRAN p 218 N83-12464

Stress analysis of advanced attack helicopter composite main rotor blade root end lug [NASA-TM-84578] p 178 N83-15361

- Analytical methods with application to the Pathfinder 1 model p 291 N83-18753
- Static aeroelastic analysis of flexible wings via NASTRAN, part 1 p 477 N83-26099
- [AD-A124662] p 477 N83-26099
- Elastic stresses in the adhesive in single step double lap bonded joints p 699 N83-33190
- [ESDU-80011] p 699 N83-33190
- Damage tolerance evaluation of structures with small cracks p 701 N83-34101
- STRESS CONCENTRATION**
- Calculated and experimental stress distributions in a ribbon parachute canopy p 181 N83-13168
- The intricate patterns of stress p 180 N83-17282
- Three-dimensional elastoplastic finite element analysis p 300 N83-26767
- The use of a structural model for determining the adaptability curve for turbine disks in stress concentration zones p 445 N83-35039
- Distribution of the load-carrying material in a minimum-weight wing in the case of constraints on strength and load-carrying capacity p 556 N83-37513
- The effect of stringers on the stress-strain state near a hole or crack in an anisotropic plate p 556 N83-37516
- Adhesive bonding and composites p 551 N83-40131
- Stress analysis of advanced attack helicopter composite main rotor blade root end lug p 178 N83-15361
- [NASA-TM-84578] p 178 N83-15361
- Design and analysis of composite structures with stress concentrations p 693 N83-33960
- STRESS CORROSION**
- Engineering property comparisons of 7050-T73651, 7010-T7651 and 7010-T73651 aluminum alloy plate p 403 N83-32340
- Accelerated corrosion testing p 553 N83-28211
- [AD-A125639] p 553 N83-28211
- STRESS CORROSION CRACKING**
- The effect of water displacing corrosion preventives on stress corrosion cracking of aluminum alloy 7075-T651 [ARL-MAT-NOTE-132] p 60 N83-10173
- STRESS CYCLES**
- Cumulative damage and life-estimations in fatigue p 64 N83-12660
- STRESS INTENSITY FACTORS**
- Analysis and repair of flaws in thick structures p 230 N83-21654
- An alternating method for analysis of surface-flawed aircraft structural components p 354 N83-28966
- Green's function solution and applications for cracks emanating from a circular hole in an infinite sheet p 764 N83-49599
- Some considerations on short crack growth behaviour in aircraft structures p 646 N83-31061
- [AGARD-R-696] p 646 N83-31061
- Damage tolerance evaluation of structures with small cracks p 701 N83-34101
- STRESS MEASUREMENT**
- Calculated and experimental stress distributions in a ribbon parachute canopy p 181 N83-13168
- String line feasibility for force measurements in the European wind tunnel p 207 N83-14541
- [ONERA, TP NO 1982-90] p 207 N83-14541
- Strain measurement of acoustically excited aircraft structures at elevated temperatures p 297 N83-23366
- Investigation methods on residual stresses in aero engines components p 449 N83-35879
- Application of strain gauges and thermocouples to rotating and stationary hardware p 215 N83-12266
- STRESS-STRAIN DIAGRAMS**
- Adhesive stress-strain properties relative to fatigue life of titanium bonded to graphite reinforced plastic p 294 N83-23616
- STRESS-STRAIN RELATIONSHIPS**
- A finite-element study of the stress-strain state of the turbofan rotor of an aircraft gas-turbine engine p 274 N83-23515
- The effect of stringers on the stress-strain state near a hole or crack in an anisotropic plate p 556 N83-37516
- Overall buckling of specially orthotropic Z-stiffened panels Part 1 Theory p 69 N83-11526
- [VTH-LR-351-PT-1] p 69 N83-11526
- Prediction of pavement roughness p 232 N83-16566
- [AD-A120009] p 232 N83-16566
- For operation of the Computer Software Management and Information Center (COSMIC) p 569 N83-30060
- [NASA-CR-172904] p 569 N83-30060
- Structural mechanics of fibre composites p 635 N83-30530
- Multiaxial cyclic thermoplasticity analysis with Besseling's subvolume method p 703 N83-34356
- Evaluation of inelastic constitutive models for nonlinear structural analysis p 703 N83-34357
- Simplified method for nonlinear structural analysis [NASA-TP-2208] p 703 N83-34372
- STRESSES**
- TPE331/T76 turboprop propulsion engine durability [AD-A122962] p 394 N83-23314
- Designing for fighter engine transients p 540 N83-29243
- Buckling of outstanding flanges direct stresses varying linearly or parabolically p 699 N83-33194
- [ESDU-80035] p 699 N83-33194
- Damage tolerance evaluation of structures with small cracks p 701 N83-34101
- STRETCH FORMING**
- A quality control test to determine the propensity for Lueders lines formation in 2024-T3 p 634 N83-41025
- STRINGERS**
- Initial design of stringer stiffened bend boxes using geometric programming p 232 N83-23149
- The effect of stringers on the stress-strain state near a hole or crack in an anisotropic plate p 556 N83-37516
- Fabrication and evaluation of brazed titanium-clad boric/aluminum skin-stringer panels [NASA-TP-1674] p 552 N83-28098
- STRUCTURAL ANALYSIS**
- Anisotropic beam theory and applications p 65 N83-12756
- The multilevel substructure and the local analysis of structure p 213 N83-14485
- A superelement analysis of stiffened shells --- Russian book on aircraft fuselage structures p 202 N83-20392
- Three-dimensional elastoplastic finite element analysis p 300 N83-26767
- Study of a hypetrochoidal compressor with paddles --- French thesis p 354 N83-28634
- Application of multiple objective optimization techniques to finite element model tuning --- for flutter analysis of T-38 aircraft horizontal stabilizer p 356 N83-29796
- [AIAA 83-1010] p 356 N83-29796
- Analytical and experimental investigation of bird impact on fan and compressor blading p 338 N83-29856
- [AIAA 83-0954] p 338 N83-29856
- Structural analysis of Shuttle orbiter penetration tiles [AIAA PAPER 83-0914] p 406 N83-32788
- Analytical control of the shape of the polygons used in the finite-element method p 557 N83-37644
- Utilization of computer aided design for the development of advanced turbomachinery components p 533 N83-37980
- [SAE PAPER 821423] p 533 N83-37980
- Patched coordinate systems --- numerical body-fitted grid generation for surface boundary treatment of aerodynamic structures p 568 N83-38785
- Universities - Have they a role in aeronautical research? Structures and materials p 642 N83-42618
- NASA LeRC/Akron University Graduate Cooperative Fellowship Program and Graduate Student Researchers Program p 74 N83-10970
- [NASA-CR-167943] p 74 N83-10970
- Practical applications of fracture mechanics in aircraft and aerospace structural problems p 68 N83-11520
- [AD-A118321] p 68 N83-11520
- Aeronautics research and technology program and specific objectives p 176 N83-13059
- [NASA-TM-85163] p 176 N83-13059
- Flutter substantiation tests on a Transavia PL-12/T-300 Airtruk p 170 N83-14134
- [AD-A118895] p 170 N83-14134
- Revised Structural Technology Evaluation Program (STEP) user's manual for structural synthesis p 184 N83-14532
- [AD-A118964] p 184 N83-14532
- Handbook of Military Aircraft Design Normal Load Factor Exceedance Data p 267 N83-19743
- [AD-A120870] p 267 N83-19743
- Statistical review of counting accelerometer data for Navy and Marine fleet aircraft p 267 N83-19744
- [AD-A121989] p 267 N83-19744
- Determination of airplane model structure from flight data using splines and stepwise regression p 288 N83-19758
- [NASA-TP-2126] p 288 N83-19758
- Special finite elements for sheets with loaded circular holes p 360 N83-22625
- [ARL/STRUC-REPT-392] p 360 N83-22625
- Resonance tests on the tail of a C74 aircraft p 441 N83-25703
- [AD-A124566] p 441 N83-25703
- Analysis of progressive collapse of complex structures p 478 N83-27260
- [AD-A125266] p 478 N83-27260
- YAH-63 helicopter crashworthiness simulation and analysis p 510 N83-27970
- [AD-A125642] p 510 N83-27970
- Structural response of transport airplanes in crash situations p 527 N83-27980
- [NASA-TM-85654] p 527 N83-27980
- Graphite/Larc-160 technology demonstration segment test results p 637 N83-30539
- [NASA-CR-172123] p 637 N83-30539
- Structural element and real blade impact testing, volume 1 p 618 N83-31606
- [AD-A127744] p 618 N83-31606
- An SEM analysis of bearing failure due to electrical arcing p 648 N83-32071
- [AD-A127827] p 648 N83-32071
- Commercial transport aircraft composite structures p 693 N83-33958
- Design and analysis of composite structures with stress concentrations p 693 N83-33960
- Evaluation of inelastic constitutive models for nonlinear structural analysis p 703 N83-34357
- Simplified method for nonlinear structural analysis [NASA-TP-2208] p 703 N83-34372
- Mid and high temperature rotor program for a 30 kW gas turbine generator set p 749 N83-36033
- [AD-A129780] p 749 N83-36033
- STRUCTURAL DESIGN**
- Optimization of aircraft structures p 64 N83-11857
- The application of nonlinear analysis techniques to practical structural design problems p 65 N83-12765
- The impact of composite technology on commercial transport aircraft p 30 N83-12969
- The Canadair challenger advanced composite material program p 60 N83-12971
- Fail-safe optimal design of complex structures with substructures p 212 N83-13490
- The design of a human-powered vehicle p 180 N83-16816
- [AIAA PAPER 83-0649] p 180 N83-16816
- Graphite/epoxy material characteristics and design techniques for airborne instrument application p 225 N83-22595
- Application of the matrix method of forces for the calculation of aircraft structures p 232 N83-23221
- Investigations concerning the structural design of a forward swept wing for a combat aircraft p 261 N83-24161
- [DGLR PAPER 82-036] p 261 N83-24161
- Design, materials selection and failure analysis p 295 N83-25325
- Multi-level substructural analysis in modal synthesis - Two improved substructural assembling techniques p 300 N83-26764
- Advanced design structural considerations when introducing new materials and construction methods p 328 N83-29394
- Structural tailoring of engine blades (STAEBL) p 338 N83-29737
- [AIAA 83-0828] p 338 N83-29737
- Structural optimization by multilevel decomposition [AIAA 83-0832] p 355 N83-29741
- Design, fabrication and test of graphite/polyimide composite joints and attachments p 355 N83-29763
- [AIAA 83-0907] p 355 N83-29763
- Structural optimization with dynamic behavior constraints p 355 N83-29766
- [AIAA 83-0936] p 355 N83-29766
- An optimality criterion method for structures with stress, displacement and frequency constraints p 356 N83-29769
- [AIAA 83-0939] p 356 N83-29769
- A building block approach to design verification testing of primary composite structure p 356 N83-29775
- [AIAA 83-0947] p 356 N83-29775
- An overview of turbine engine structural design - Development trends in the Air Force p 338 N83-29777
- [AIAA 83-0952] p 338 N83-29777
- An analytical comparison of two wing structures for Mach 5 cruise airplanes p 329 N83-29806
- [AIAA 83-0974] p 329 N83-29806
- Aeroelastic tailoring of rotor blades for vibration reduction in forward flight p 329 N83-29844
- [AIAA 83-0916] p 329 N83-29844
- Aeroelastic considerations for continuous patrol/high altitude surveillance platforms p 329 N83-29850
- [AIAA 83-0924] p 329 N83-29850
- Optimization for structures of discrete-size elements p 472 N83-34311
- Progress in propulsion system/airframe structural integration p 437 N83-36234
- [AIAA PAPER 83-1123] p 437 N83-36234
- Development trends in engine durability --- for USAF aircraft gas turbines p 455 N83-36329
- [AIAA PAPER 83-1297] p 455 N83-36329
- Patterning techniques for inflatable LTA vehicles --- Lighter Than Air p 522 N83-38911
- [AIAA PAPER 83-1983] p 522 N83-38911
- Fracture mechanics in design - Particular reference to the thickness effect on the risk of unstable fracture p 558 N83-39547
- New insights in structural design of composite rotor blades for helicopters p 525 N83-40287
- Design, manufacture and test of graphite composite wing box test structure p 525 N83-40291
- Finite-element analysis of the T-38 canopy p 594 N83-41044
- Design, fabrication, and qualification of composite carbon/epoxy horizontal stabilizer components p 575 N83-42546

- Three theorems of weight characteristics of statically determinate and indeterminate structures and their application p 643 A83-43691
- Design Optimization Codes for Structures - DOCS computer program p 694 A83-43974
- Damage tolerant design using collapse techniques p 695 A83-45591
- Light aircraft wing structure optimization [AIAA PAPER 83-2446] p 727 A83-48332
- Acta Aeronautica et Astronautica Sinica [AD-A117465] p 3 N83-10003
- Design, fabrication and testing of an advanced composite access door for use in a lower wing panel [VTH-LR-335] p 61 N83-11251
- An evaluation of vacuum centrifuged titanium castings for helicopter components p 178 N83-15439
- Design and fabrication of realistic adhesively bonded joints [NASA-CR-166099] p 408 N83-24876
- Modification of flight vehicle vibration modes to account for design changes p 607 N83-30790
- Two and three dimensional systems for computer aided geometric design of aircraft surface and components [PB83-187344] p 698 N83-33001
- Techniques in optimum structural synthesis with static and dynamic constraints p 699 N83-33189
- STRUCTURAL DESIGN CRITERIA**
- Design for global damage tolerance and associated mass penalties p 214 A83-15321
- Friction drag and other design parameters for acoustic face sheets — for aircraft noise reduction [AIAA PAPER 83-0780] p 307 A83-25962
- Analysis of engine usage data for tactical systems [AIAA PAPER 81-1370] p 337 A83-29011
- Durability and damage tolerance control plans for U.S. Air Force aircraft p 594 A83-41045
- Advanced technology wing structure [SAWE PAPER 1487] p 644 A83-43754
- Structural optimization with aeroelastic constraints - A survey of US applications p 764 A83-49188
- Aeroelastic considerations for automatic structural design procedures p 730 A83-49189
- Material selection for the new-technology commercial transport - The designer's dilemma [AIAA PAPER 83-2477] p 758 A83-49583
- An example of longitudinal and transversal oscillation coupling The Epsilon aircraft cork screw p 51 N83-10074
- Advanced composite elevator for Boeing 727 aircraft, volume 2 [NASA-CR-159258] p 205 N83-16330
- Parameter and design studies for the use of wind tunnel models in the ETW [MBB/FE123/S/PUB/83] p 402 N83-24518
- Composite material aircraft electromagnetic properties and design guidelines [AD-A124016] p 470 N83-25795
- Engine Handling [AD-A129168] p 540 N83-29241
- Designing for fighter engine transients p 540 N83-29243
- The criteria used for assessing acceptable engine handling on UK military aircraft p 540 N83-29244
- Ground/Flight Test Techniques and Correlation [AD-A129433] p 576 N83-30357
- Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison between wind tunnel and flight results for aerodynamic performance p 603 N83-30361
- Aircraft applications p 636 N83-30536
- Airworthiness considerations p 636 N83-30537
- Vibration analysis of a helicopter plus an externally-attached structure p 607 N83-30769
- Aerospace industry materials Choice criteria and needs to be met [SNIAS-831-502-101] p 658 N83-32742
- Damage tolerance — of aircraft [SNIAS-831-551-103] p 679 N83-32800
- Lattice structures Part 2 Mean fluid forces on tower-like space frames [ESDU-81028-PT-2-AMEND-A] p 700 N83-33202
- Strong winds in the atmosphere boundary layer Part 1 Mean hourly wind speeds — wind loads on buildings and structures [ESDU-82026-AMEND-A] p 700 N83-33209
- STRUCTURAL ENGINEERING**
- Airfield lighting, design manual 23 1 [AD-A119525] p 174 N83-14141
- Research and technology, Lewis Research Center [NASA-TM-83038] p 191 N83-15169
- Specific examples of aerospace applications of composites p 227 N83-17621
- Program Management Plan (PMP) for Rapid Runway Repair (RRR) [AD-A128565] p 754 N83-34957
- STRUCTURAL FAILURE**
- Characterization of NDE reliability p 214 A83-15211
- Preventing the strength failure of machines by vibrodiagnostic techniques I p 182 A83-19313
- Preventing the strength failure of machines by vibrodiagnostic methods II The use of vibrodiagnostics for preventing the failure of certain parts and assemblies of gas-turbine engines p 182 A83-19314
- Surface notches in composites p 294 A83-23931
- Turbine blade nonlinear structural and life analysis p 337 A83-29024
- Design for prevention of acoustic fatigue — of aircraft structures [AIAA 83-0973] p 329 A83-29782
- Large-amplitude multimode response of clamped rectangular panels to acoustic excitation [AIAA 83-1033] p 358 A83-29879
- Containment of turbine engine fan blades p 449 A83-35871
- The dynamic collapse of a column impacting a rigid surface p 639 A83-40873
- Damage tolerant design using collapse techniques p 695 A83-45591
- A preliminary damage tolerance methodology for composite structures p 693 N83-33959
- Safe-life and damage-tolerant design approaches for helicopter structures p 693 N83-33961
- Failure mechanisms p 693 N83-33962
- STRUCTURAL MEMBERS**
- Finite element prediction of damping in beams with constrained viscoelastic layers p 66 N83-10223
- Specific examples of aerospace applications of composites p 227 N83-17621
- Materials and modelling technology for cryogenic environment p 465 N83-25723
- STRUCTURAL RELIABILITY**
- An analysis of the durability characteristics of aircraft structures on the basis of fracture mechanics p 354 A83-28477
- Development of structural materials for the new generation of aircraft p 383 A83-30511
- Durability and damage tolerance control plans for U.S. Air Force aircraft p 594 A83-41045
- Undetectable critical defects in safety-of-flight structure p 641 A83-42544
- Safe structures for future aircraft p 676 A83-46350
- Enhanced aircraft structural maintenance using organic depot damage tolerance analysis [AIAA PAPER 83-2450] p 710 A83-48333
- Improved methods for predicting spectrum loading effects Volume 1 Technical summary [AD-A118295] p 68 N83-11521
- Structural demonstration of the SH 60B helicopter, appendix 1 and 2 [SER-520235] p 194 N83-13092
- Aerospace safety advisory panel [NASA-TM-85220] p 248 N83-18697
- Advanced manufacturing development of a composite empennage component for L 1011 aircraft [NASA-CR-172659] p 440 N83-25693
- STRUCTURAL STABILITY**
- Problems of the statics and dynamics of modern engineering structures Current status and prospects p 213 A83-14726
- Design for global damage tolerance and associated mass penalties p 214 A83-15321
- Development of the basic methods needed to predict helicopters aeroelastic behaviour [ONERA, TP NO 1982-75] p 232 A83-23248
- A note on rotor-bearing stability p 298 A83-23706
- The lateral buckling-fracture stability of thin-sheet structural components with deep cracks p 298 A83-24648
- The interaction between a separated blade and the armoring p 337 A83-28510
- Bending effects on structural dynamic instabilities of transonic wings [AIAA 83-0920] p 358 A83-29887
- Classical flutter stability of swept propellers [AIAA PAPER 83-0847] p 392 A83-32792
- The effect of a normal shock on the aeroelastic stability of a panel [ASME PAPER 83-APM-28] p 493 A83-37381
- Distribution of the load-carrying material in a minimum-weight wing in the case of constraints on strength and load-carrying capacity p 556 A83-37513
- The strength of GTE structural elements under low-cycle loading p 615 A83-42877
- Large displacements and stability analysis of nonlinear propeller structures p 218 N83-12460
- Dynamic structural aeroelastic stability testing of the XV-15 tilt rotor research aircraft p 628 N83-30376
- STRUCTURAL STRAIN**
- The simulation of fatigue loads in aeronautics p 219 A83-23241
- Aerodynamic compliant bearings for small turbo-engines p 185 N83-15537
- The role of a fatigue damage accumulation plot in structural loads data analysis — for aircraft [RAE-TR-82125] p 700 N83-33214
- STRUCTURAL VIBRATION**
- Helicopter vibration reduction by local structural modification p 215 A83-16028
- Wind tunnel results showing rotor vibratory loads reduction using higher harmonic blade pitch p 169 A83-18385
- Theoretical stiffness matrix correction by using static test results p 229 A83-21007
- On an algorithm for solving the incomplete eigenvalue problem in the vibration analysis of complex structures of fuselage type p 354 A83-29278
- Flutter analysis of a transport wing using XTRAN3S [AIAA 83-0922] p 357 A83-29848
- Transonic pressure distributions on a rectangular supercritical wing oscillating in pitch [AIAA 83-0923] p 313 A83-29849
- An analysis of the natural vibrations of the rotors of centrifugal compressor machines p 405 A83-30310
- The dynamics of a helicopter rotor structure p 523 A83-39485
- Theoretical estimate of the effect of the rotation of impellers on their natural frequencies p 558 A83-39508
- Assessment of rotor-fuselage coupling on vibration predictions using a simple finite element model p 640 A83-41075
- Numerical analysis of natural, coupled, longitudinal-lateral vibrations of an asymmetric aeroplane p 641 A83-42334
- Analysis of an axial compressor blade vibration based on wave reflection theory [ASME PAPER 83-GT-151] p 741 A83-47970
- Effects of anomalous rotor joints on turbomachine dynamics [ASME PAPER 83-GT-175] p 761 A83-47974
- In situ balancing of flexible rotors using influence coefficient balancing and the unified balancing approach [ASME PAPER 83-GT-178] p 761 A83-47989
- Operational military helicopter interior noise and vibration measurements with comparisons to ride quality criteria [AIAA PAPER 83-2526] p 728 A83-48364
- Survey of the state of the art in modern ground vibration testing p 753 A83-49184
- The Shock and Vibration Digest, volume 14, no 8 [AD-A119004] p 67 N83-10433
- A new measurement method for separating airborne and structureborne noise radiated by aircraft type panels [NASA-TP-2079] p 73 N83-11838
- Evaluation of the effect of vibration nonlinearity on convergence behavior of adaptive higher harmonic controllers [NASA-CR-166424] p 266 N83-18718
- Further advances in helicopter vibration control p 334 N83-22477
- Aircraft equipment random vibration test criteria based on vibrations induced by turbulent airflow across aircraft external surfaces [AD-A123281] p 440 N83-25696
- Airworthiness and flight characteristics test Part 2 YAH-64 advanced attack helicopter [AD-A125270] p 442 N83-25705
- The Shock and Vibration Bulletin, no 52 Part 1 Welcome, keynote address, invited papers, rotor dynamics and machinery vibration [BULL 52-PT 1] p 644 N83-30684
- Active vibration control of large flexible structures p 644 N83-30729
- STRUCTURAL WEIGHT**
- Analytical consequences of increasing the mass of a glider p 189 A83-14617
- Control of the material properties and structural application of carbon fibre reinforced plastics [AIAA PAPER 83-0859] p 403 A83-32790
- Distribution of the load-carrying material in a minimum-weight wing in the case of constraints on strength and load-carrying capacity p 556 A83-37513
- Cabin noise weight penalty requirements for a high-speed propfan-powered aircraft - A progress report [SAE PAPER 821360] p 517 A83-37958
- Parametric study of factors affecting the fuel efficiency of advanced turboprop airplanes [AIAA PAPER 83-1823] p 520 A83-38655
- Three theorems of weight characteristics of statically determinate and indeterminate structures and their application p 643 A83-43691
- Algorithmic mass-factoring of finite element model analyses [SAWE PAPER 1451] p 643 A83-43733
- An introduction to the Boeing 767 200 and the 767 Weight Control Program [SAWE PAPER 1467] p 602 A83-43741

- Application of finite element analysis techniques to the derivation of advanced composite structure weight [SAWE PAPER 1490] p 644 A83-43757
- A method to estimate weight and dimensions of small aircraft propulsion gas turbine engines User's guide [NASA-CR-168049] p 213 A83-16343
- Design of helicopter rotor blades for optimum dynamic characteristics [NASA-CR-169940] p 266 N83-18716
- Advanced electrical power system technology for the all electric aircraft [NASA-TM-83390] p 407 N83-24764
- STRUTS**
- Hydromechanical dynamics of aircraft landing gear p 153 A83-18925
- Serviceability evaluation of advanced composite F-14A main-landing-gear-strut doors and overwing fairings p 185 A83-20480
- Interaction of fan rotor flow with downstream struts [AIAA PAPER 83-0682] p 279 A83-25912
- STUDS (STRUCTURAL MEMBERS)**
- Effects of simulated lightning on composite and metallic joints [NASA-TM-84554] p 177 N83-14170
- SUBCRITICAL FLOW**
- An experimental investigation of the subcritical and supercritical flow about a swept semispan wing [NASA-TM-84367] p 563 N83-29634
- SUBMERGED BODIES**
- Desirable characteristics of underwater lights for helicopter escape hatches [AD-A120331] p 197 N83-16310
- SUBMILLIMETER WAVES**
- Astrophysics A European research aircraft for IR and submillimetre astronomy (the DFVLR proposal) p 369 N83-22049
- SUBROUTINE LIBRARIES (COMPUTERS)**
- Pan Air Geometry Management System (PAGMS) A data-base management system for PAN AIR geometry data [NASA-CR-16581] p 771 N83-35943
- SUBROUTINES**
- Airport landside Volume 5 Appendix B ALSIM subroutines [AD-A117603] p 57 N83-10087
- A new capability for elastic aircraft airloads via NASTRAN p 218 N83-12464
- SUBSONIC AIRCRAFT**
- Propeller noise at model- and full-scale p 222 A83-15314
- Nonlinear controller for the pitch-up region [AIAA PAPER 83-0064] p 168 A83-16496
- Zero-length inlets for subsonic V/STOL aircraft p 312 A83-29012
- Effects of nacelle position and shape on performance of subsonic cruise aircraft [AIAA PAPER 83-1124] p 519 A83-38079
- Motion of aircraft trailing vortices near the ground [AIAA PAPER 83-2130] p 579 A83-41953
- Subsonic airplane configurations for maximum range for endurance [AIAA PAPER 83-2536] p 729 A83-48370
- The development of a generalized advanced propeller analysis system [AIAA PAPER 83-2466] p 746 A83-49581
- SUBSONIC FLOW**
- Wind-tunnel measurements of wing-buffet boundaries at subsonic and transonic speeds p 7 A83-10440
- The effects of fining a weapon on the air intake in a subsonic flow [AAAF PAPER NT 81-11] p 8 A83-11772
- Vibration of airfoils in sinusoidal oblique gust [AIAA PAPER 83-0005] p 129 A83-16457
- PAN AIR applications to complex configurations --- computer program for predicting subsonic and supersonic linear potential flows [AIAA PAPER 83-0007] p 129 A83-16459
- Subsonic surface panel method for airframe analysis and wing design [AIAA PAPER 83-0341] p 133 A83-16667
- Transverse jet break-up and atomization with rapid vaporization along the trajectory [AIAA PAPER 83-0419] p 161 A83-16702
- On the radially non-compact source model for subsonic jet noise p 190 A83-16929
- Aerodynamic drag in two-phase flows p 135 A83-17408
- Fuselage-lifting surfaces interaction in unsteady subsonic flow --- French thesis p 189 A83-22093
- Subsonic dynamic stall in pitching and plunging oscillations including large ground interference effects [AIAA 83-0889] p 313 A83-29836
- Aerodynamic theory for wing with side edge passing subsonically through a gust p 375 A83-32977
- The aerodynamics of hypersonic velocities (On flows with low Mach numbers) p 417 A83-35535

- Calculation of subsonic flow past rectangular wings and their combinations on the basis of a discrete vortex scheme p 418 A83-35541
- The swirl in an S-duct of typical air intake proportions p 418 A83-35620
- Seven-hole cone probes for high angle flow measurement Theory and calibration p 474 A83-36085
- Method for calculating effects of a propfan on aircraft aerodynamics at subsonic speeds [AIAA PAPER 83-1216] p 420 A83-36287
- Subsonic compressible-gas separated flow past a low-aspect-ratio wing p 495 A83-37626
- Jet-propulsion of subsonic bodies with jet total-head equal to free stream's [AIAA PAPER 83-1790] p 535 A83-38630
- Computational method of the drag of axisymmetric afterbodies in subsonic flow [AIAA PAPER 83-2079] p 578 A83-41913
- Subsonic and transonic propeller noise [ONERA, TP NO 1983-76] p 769 A83-48191
- PAN AIR applications to complex configurations --- computer program for predicting subsonic and supersonic linear potential flows p 716 A83-48221
- Flow visualization by light sheet [ONERA, TP NO 1983-105] p 764 A83-49416
- Computation of the flow around wings with rear separation [DFVLR-FB-82-22] p 195 N83-17517
- Finite element calculations for aerodynamic coefficients of 3-dimensional body in subsonic flow using Green's function method [NAL-TR-724] p 244 N83-18661
- Flap effectiveness on subsonic longitudinal aerodynamic characteristics of a modified arrow wing [NASA-TM-84582] p 245 N83-18673
- The performance calculation of an axial flow compressor stage p 283 N83-18957
- Subsonic balance and pressure investigation of a 60 deg delta wing with leading edge devices [NASA-CR-165923] p 246 N83-19714
- Subsonic wall interference corrections for finite-length test sections using boundary pressure measurements p 348 N83-20967
- Flutter investigations in the transonic flow regime for a fighter type aircraft p 345 N83-22217
- Finite element program for calculating flows in turbomachines with results for NASA task-1 compressor [AD-A124987] p 460 N83-26841
- The evaluation of the rolling moments induced by wraparound fins [NASA-TM-84381] p 506 N83-29180
- Subsonic panel method for designing wing surfaces from pressure distribution [NASA-CR-3713] p 528 N83-29198
- Analysis of incompressible separated flow around an airfoil with a finite-gap flap p 662 N83-32745
- Longitudinal aerodynamic characteristics of a wing-winglet model designed at  $M = 0.8$ ,  $C_{sub} L = 0.4$  using linear aerodynamic theory [NASA-CR-172186] p 666 N83-33854
- Transonic and subsonic compressors --- three-dimensional flow p 703 N83-34836
- SUBSONIC FLUTTER**
- Classical flutter stability of swept propellers [AIAA PAPER 83-0847] p 392 A83-32792
- Some measurements of wing buffeting on a flutter model of a typical strike aircraft [RAE-TR-82007] p 48 N83-10052
- Correlation problems between flutter flight test data and ground tests/calculation results for a variable sweep wing aircraft p 628 N83-30379
- Subsonic-transonic stall flutter study [NASA-CR-165256] p 629 N83-30435
- SUBSONIC SPEED**
- Extension of the lifting body theory to evolution on random trajectories at subsonic velocities p 7 A83-10576
- A study of the effect of the transverse sweep of delta wings on their vortex structures and aerodynamic characteristics in separated flows at low subsonic velocities p 178 A83-15096
- Advances in methods for predicting store aerodynamic characteristics in proximity to an aircraft [AIAA PAPER 83-0266] p 133 A83-16622
- The aerodynamic characteristics of caret wings at subsonic flight speeds p 243 A83-24241
- Subsonic rolling moments for wing roll control of a cruciform missile model p 285 A83-24876
- Concerning a type of separated flow on a rectangular wing of small aspect ratio p 492 A83-37260
- A study of the distribution of the noise source strengths in coaxial double jet p 570 A83-37570

- Experimental and analytical investigation of the subsonic aerodynamics of slender wings with leading-edge vortex flaps [AIAA PAPER 83-2113] p 579 A83-41940
- Subsonic roll oscillation experiments on the Standard Dynamics Model [AIAA PAPER 83-2134] p 626 A83-41956
- A method for determining wall-interference corrections in solid-wall tunnels from measurements of static pressure at the walls p 347 N83-20958
- Calculation of wing response to gusts and blast waves with vortex lift effect [NASA-CR-170340] p 408 N83-24796
- Model aerodynamic test results for a refined actuated inlet ejector nozzle at simulated takeoff and cruise conditions [NASA-CR-168051] p 426 N83-26816
- Propeller noise at subsonic blade tip speeds, torque and thrust force [DFVLR-MITT-82-17] p 653 N83-31425
- The FFA wing body 83 computer program A panel method for determination of aeroelastic characteristics at subsonic and supersonic speeds [FFA-TN-1983-3] p 665 N83-32780
- Longitudinal aerodynamic characteristics of a wing-winglet model designed at  $M = 0.8$ ,  $C_{sub} L = 0.4$  using linear aerodynamic theory [NASA-CR-172186] p 666 N83-33854
- SUBSONIC WIND TUNNELS**
- Acoustic capabilities of the German-Dutch wind tunnel DNW [AIAA PAPER 83-0146] p 172 A83-16554
- The German-Dutch wind tunnel as an aid in aircraft development [DGLR PAPER 82-050] p 289 A83-24173
- A new facility and technique for two-dimensional aerodynamic testing p 398 A83-32585
- A version of a single-beam laser time-of-flight method for measuring flight velocity p 557 A83-37642
- The S2Ch subsonic wind tunnel and its utilization for detailed studies of helicopter rotors [ONERA, TP NO 1983-27] p 688 A83-44306
- The ONERA wind tunnels at MODANE Centre and at LE FAUGA Centre and their utilization in subsonic range [ONERA, TP NO 1983-28] p 689 A83-44307
- Aerodynamic test facility requirements for defence R and D to 2000 and beyond [AD-A122096] p 293 N83-19763
- The ARL transonic wind tunnel [ARL/AERO-NOTE-412] p 401 N83-23327
- SUBSTRATES**
- Coating with overlay metallic-cermet alloy systems [NASA-CASE-LEW-13639-2] p 227 N83-17683
- SUBSTRUCTURES**
- The multilevel substructure and the local analysis of structure p 213 A83-14485
- Multi-level substructural analysis in modal synthesis - Two improved substructural assembling techniques p 300 A83-26764
- SUCTION**
- Experimental investigation of the effects of wall suction and blowing on the performance of highly offset diffusers [AIAA PAPER 83-1169] p 423 A83-36922
- The effect of slot suction on the aerodynamic characteristics of an airfoil at transonic velocities p 494 A83-37552
- Determination of the suction-force distribution and its effect on the aerodynamic design of a wing for supersonic flow p 661 A83-46495
- Drag of wings with cambered airfoils and partial leading-edge suction p 716 A83-48220
- Flow quality of NAL two-dimensional transonic wind tunnel Part 1 Mach number distributions, flow angulancies and preliminary study of side wall boundary layer suction [NAL-TR-693] p 179 N83-12043
- Study of supersonic wings employing the attainable leading-edge thrust concept [NASA-CR-3637] p 180 N83-13073
- Pumped vortex [NASA-CASE-LAR-12615-1] p 246 N83-19715
- SUPERCHARGERS**
- Alternative vaneless diffusers and collecting volutes for turbocharger compressors [ASME PAPER 83-GT-32] p 760 A83-47894
- SUPERCOMPUTERS**
- Numerical aerodynamics - Replacement of analytical solutions and/or the experiment by the supercomputer? p 661 A83-46485
- SUPERCONDUCTING MAGNETS**
- Development of the design concepts for a medium-scale wind tunnel magnetic suspension system [NASA-CR-166042] p 176 N83-15320

## SUPERCritical FLOW

Existence and uniqueness of shock-free transonic flow past symmetrical thin wings at zero incidence

p 135 A83-17847  
A new facility and technique for two-dimensional aerodynamic testing p 398 A83-32585

Supercritical inlet design  
[AIAA PAPER 83-1866] p 501 A83-38693

Flow visualization investigation of choking cascade turns p 641 A83-42564

Comparison of the experimental aerodynamic characteristics of theoretically and experimentally designed supercritical airfoils

[NASA-TM-X-3082] p 12 N83-11076

Advanced compressor components for aero engines Phase 2 (1980-1981)

[BMFT-FB-W-82-022] p 394 N83-23311

An experimental investigation of the subcritical and supercritical flow about a swept semispan wing

[NASA-TM-84367] p 563 N83-29634

## SUPERCritical WINGS

Prediction of transonic flutter for a supercritical wing by modified strip analysis p 62 A83-10190

Aerodynamic characteristics of a slotted vs smooth-skin supercritical wing model p 178 A83-15324

Experimental evaluation of shockless supercritical airfoils in cascade

[AIAA PAPER 83-0003] p 129 A83-16455

A comparison of trim drag for conventional and supercritical wings

[AIAA PAPER 83-0094] p 131 A83-16518

A transonic analysis of propfan slipstream effect on a supercritical wing

[AIAA PAPER 83-0186] p 132 A83-16577

Three-dimensional Euler equation simulation of propeller wing interaction in transonic flow

[AIAA PAPER 83-0236] p 132 A83-16603

A multi-grid method for transonic wing analysis and design

[AIAA PAPER 83-0262] p 133 A83-16618

Investigation of the effects of upstream sidewall boundary-layer removal on a supercritical airfoil

[AIAA PAPER 83-0386] p 133 A83-16688

A supersonic maneuver wing designed for nonlinear attached flow

[AIAA PAPER 83-0425] p 134 A83-16707

Modifying a general aviation airfoil for supercritical flight

p 243 A83-24039

Transonic pressure distributions on a rectangular supercritical wing oscillating in pitch

[AIAA 83-0923] p 313 A83-29849

On measuring transonic dips in the flutter boundaries of a supercritical wing in the wind tunnel

[AIAA 83-1031] p 331 A83-29878

Computational fluid dynamics of airfoils and wings

p 313 A83-29927

SC3 - A wing concept for supersonic maneuvering

[AIAA PAPER 83-1858] p 500 A83-38685

Improved method for transonic airfoil design-by-optimization

[AIAA PAPER 83-1864] p 501 A83-38691

The LANN program - An experimental and theoretical study of steady and unsteady transonic airloads on a supercritical wing

[AIAA PAPER 83-1686] p 502 A83-39099

Comparison of supercritical airfoil flow calculations with wind-tunnel results

[AIAA PAPER 83-1688] p 503 A83-40472

Transonic flutter model study of a supercritical wing and winglet

p 640 A83-41048

An advanced control system for a next generation transport aircraft

[AIAA PAPER 83-2194] p 620 A83-41679

Transonic wind tunnel test on an oscillating flap

[AIAA PAPER 83-2132] p 579 A83-41954

The way to the supercritical wing p 661 A83-46483

Effects of angle of attack on transonic flutter of a supercritical wing p 726 A83-48213

Unsteady airloads on supercritical wings p 717 A83-49179

Comparison of analytical and experimental subsonic steady and unsteady pressure distributions for a high-aspect-ratio-supercritical wing model with oscillating control surfaces

[NASA-TM-84490] p 9 N83-10017

Investigation of some effects of humidity on aerodynamic characteristics on a 10-percent-thick NASA supercritical airfoil

[NASA-TM-X-3355] p 4 N83-11018

Effects of wing trailing-edge truncation on aerodynamic characteristics of a NASA supercritical-wing research airplane model

[NASA-TM-X-3024] p 4 N83-11021

Low-speed aerodynamic characteristics of a 42 deg swept high-wing model having a double-slotted flap system and a supercritical airfoil

[NASA-TM-X-3038] p 4 N83-11022

Dynamic stability characteristics in pitch, yaw, and roll of a supercritical-wing research airplane model --- Langley 8-foot transonic tunnel tests

[NASA-TM-X-2900] p 4 N83-11023

Stability and control characteristics including aileron hinge moments of a model of a supercritical-wing research airplane

[NASA-TM-X-2929] p 4 N83-11024

Effect of wing-mounted nacelles on a 42 deg swept supercritical wing configuration at near-sonic speeds

[NASA-TM-X-2954] p 4 N83-11025

Aerodynamic characteristics of two 10-percent-thick NASA supercritical airfoils with different upper surface curvature distributions --- Langley 8 foot transonic tunnel tests

[NASA-TM-X-2977] p 5 N83-11026

Wind-tunnel measurements of the chordwise pressure distribution and profile drag of a research airplane model incorporating a 17-percent-thick supercritical wing

[NASA-TM-X-2760] p 5 N83-11027

A wind-tunnel investigation of the application of the NASA supercritical airfoil to a variable-wing-sweep fighter airplane

[NASA-TM-X-2759] p 5 N83-11028

Investigation at near sonic speed of some effects of humidity on the longitudinal aerodynamic characteristics of an NASA supercritical wing research airplane model

[NASA-TM-X-2618] p 5 N83-11029

Low-speed aerodynamic characteristics of a model having a 42 deg swept low wing with a supercritical airfoil, double-slotted flaps, and a T-tail

[NASA-TM-X-2582] p 5 N83-11030

Aerodynamic characteristics of an improved 10-percent-thick NASA supercritical airfoil --- Langley 8 foot transonic tunnel tests

[NASA-TM-X-2978] p 5 N83-11031

Wind-tunnel development of underwing leading-edge vortex generators on a NASA supercritical-wing research airplane configuration

[NASA-TM-X-2808] p 6 N83-11032

Effects of wing height on low-speed aerodynamic characteristics of a model having a 42 deg swept wing, a supercritical airfoil, double-slotted flaps, and a low tail

[NASA-TM-X-2794] p 6 N83-11033

Low-speed aerodynamic characteristics of a 17 percent-thick supercritical airfoil section, including a comparison between wind-tunnel and flight data

[NASA-TM-X-2571] p 6 N83-11034

An interferometric investigation of the near design point flow over supercritical aerofoil BGK-1

[ARL/AERO-NOTE-405] p 10 N83-11057

Tabulated pressure measurements on an executive-type jet transport model with a supercritical wing

[NASA-TM-X-72701] p 11 N83-11069

Wind-tunnel investigation of several high aspect-ratio supercritical wing configurations on a wide-body-type fuselage

[NASA-TM-X-71996] p 11 N83-11070

The NASA supercritical-wing technology

[NASA-TM-78731] p 11 N83-11071

Effects of differential and symmetrical aileron deflection on the aerodynamic characteristics of an NASA supercritical-wing research airplane model

[NASA-TM-X-3231] p 12 N83-11073

Static aerodynamic characteristics of a model with a 17 percent thick supercritical wing

[NASA-TM-X-2551] p 12 N83-11074

Aerodynamic characteristics of the 10-percent-thick NASA supercritical airfoil 33 designed for a normal-force coefficient of 0.7

[NASA-TM-X-72711] p 12 N83-11075

Aerodynamic characteristics of a 14-percent-thick NASA supercritical airfoil designed for a normal-force coefficient of 0.7

[NASA-TM-X-72712] p 12 N83-11077

Aerodynamic characteristics of 10 percent thick NASA supercritical airfoils with different aft camber

[NASA-TM-X-72007] p 12 N83-11078

Development of two supercritical airfoils with a thickness-to-chord ratio of 0.20 and design lift coefficients of 0.3 and 0.4

[NASA-TM-X-73948] p 12 N83-11079

Comparison of experimental and theoretical drag characteristics for a 10-percent-thick supercritical airfoil using a new version of an analysis code

[NASA-TM-X-74041] p 13 N83-11080

Static longitudinal aerodynamic characteristics of a model with a modified 17 percent thick supercritical wing

[NASA-TM-X-3211] p 13 N83-11081

Application of a supercritical wing to an executive-type jet transport model

[NASA-TM-X-3251] p 13 N83-11082

Transonic aerodynamic characteristics of the 10-percent-thick NASA supercritical airfoil 31

[NASA-TM-X-3203] p 13 N83-11083

Aerodynamic characteristics of an 11-percent-thick symmetrical supercritical airfoil at Mach numbers between 0.30 and 0.85

[NASA-TM-X-1831] p 13 N83-11084

Effects of landing gear, speed brake and protuberances on the longitudinal aerodynamic characteristics of an NASA supercritical-wing research airplane model

[NASA-TM-X-72684] p 13 N83-11085

Low-speed aerodynamic characteristics of a transport configuration having a 42 deg swept supercritical airfoil wing and three tail height positions

[NASA-TM-X-3149] p 32 N83-11115

Wind-tunnel investigation of aerodynamic load distribution on a variable-wing-sweep fighter airplane with a NASA supercritical airfoil

[NASA-TM-X-3095] p 32 N83-11116

Stability and control characteristics at Mach numbers 1.60 to 2.86 of a variable-sweep fighter configuration with supercritical airfoil sections --- Langley unitary plan wind tunnel tests

[NASA-TM-X-2284] p 52 N83-11141

Wind-tunnel investigation of longitudinal and lateral-directional stability and control characteristics of a 0.237 scale model of a remotely piloted research vehicle with a thick, high-aspect-ratio supercritical wing

[NASA-TM-81790] p 53 N83-11142

Numerical simulation of transonic flutter of a supercritical wing

[NAL-TR-7267] p 288 N83-18743

Comparison of computed and measured unsteady pressure fields of a supercritical wing

p 314 N83-20903

Experimental study of wing leading-edge devices for improved maneuver performance of a supercritical maneuvering fighter configuration --- Langley 7- by 10-ft high speed tunnel tests

[NASA-TP-2125] p 316 N83-22162

Low speed aerodynamic characteristics of a 14-percent-thick NASA phase 2 supercritical airfoil designed for a lift coefficient of 0.7

[NASA-TM-81912] p 317 N83-22167

Some recent applications of XTRAN3S

[NASA-TM-85641] p 426 N83-26815

Wind-tunnel investigation of aerodynamic loading on a 0.237 scale model of a remotely piloted research vehicle with a thick, high-aspect-ratio supercritical wing

[NASA-TM-84614] p 506 N83-29176

Comparison of prediction, wind tunnel and flight test data for the Canadair Challenger turbofan aircraft

p 604 N83-30365

Low-speed aerodynamic performance of an aspect-ratio-10 supercritical-wing transport model equipped with a full-span slat and part-span and full-span double-slotted flaps

[NASA-TP-1805] p 582 N83-30390

An experimental study of transonic flow about a supercritical airfoil. Static pressure and drag data obtained from tests of a supercritical airfoil and an NACA 0012 airfoil at transonic speeds, supplement

[NASA-TM-81338-SUPPL] p 666 N83-33846

Correlation of experimental and quasi-3D theoretical airloads on the oscillating LANN supercritical wing model

[AD-A130550] p 718 N83-36002

## SUPERHIGH FREQUENCIES

Integration produces small Ku-band altimeter

p 529 A83-37820

## SUPERPLASTICITY

Superplastic transformation and diffusion welding of titanium alloys

p 692 N83-32716

## SUPERPRESSURE BALLOONS

Balloon materials and designs

p 524 A83-39808

Electrodynamics of the stratosphere using 5000 cu m superpressure balloons

p 525 A83-39818

## SUPERSONIC AIRCRAFT

Supersonic Harrier - One step closer

p 200 A83-16371

Blackjack - Soviet B-1 or better

p 192 A83-16373

Computational wing design for an advanced trainer

[AIAA PAPER 83-0093] p 149 A83-16517

Military propulsion technology II - Supersonic V/STOL technology shapes up

p 163 A83-18949

Design of an integrated control system for a supersonic aircraft power plant

p 212 A83-23175

Performance-increasing modifications on transonic passenger plane wings

[DGLR PAPER 82-031] p 261 A83-24157

- Development trends regarding jet engines for future combat aircraft p 275 A83-24186  
 [DGLR PAPER 82-072] p 275 A83-24186  
 On the design philosophy of fighter aircraft engines [DGLR PAPER 82-073] p 275 A83-24187  
 Alleviation of the subsonic pitch-up of delta wings p 274 A83-32583  
 Supersonic STOL research aircraft p 517 A83-37965  
 [SAE PAPER 821375] p 517 A83-37965  
 Status review of a supersonically-biased fighter wing-design study p 521 A83-38684  
 [AIAA PAPER 83-1857] p 521 A83-38684  
 SC3 - A wing concept for supersonic maneuvering [AIAA PAPER 83-1858] p 500 A83-38685  
 Smart aerodynamic optimization p 501 A83-38690  
 [AIAA PAPER 83-1863] p 501 A83-38690  
 On the conceptual design of supersonic cruising aircraft with subsonic wing leading edges p 523 A83-38950  
 Survey of inlet development for supersonic aircraft [AIAA PAPER 83-1164] p 503 A83-40473  
 On the numerical solution of head-on vehicle shock-planar incident shock interaction flow p 659 A83-44556  
 Supersonic V/STOL - Tandem fan concepts [AIAA PAPER 83-2567] p 746 A83-49597  
 Aeronautics research and technology program and specific objectives p 176 A83-13059  
 [NASA-TM-85163] p 176 A83-13059  
 An aerodynamic assessment of various supersonic fighter airplanes based on Soviet design concepts [NASA-TM-84647] p 315 A83-22157  
 Stability and control of a supersonic transport airplane during landing approach p 396 A83-23317  
 [NASA-TM-84659] p 396 A83-23317  
 Ultra sound and insurance p 412 A83-24286  
 Pilot human factors in stall/spin accidents of supersonic fighter aircraft p 462 A83-26846  
 [NASA-TM-84348] p 462 A83-26846  
 Historical development of worldwide supersonic aircraft p 573 A83-29170  
 [NASA-TM-85637] p 573 A83-29170  
**SUPERSONIC AIRFOILS**  
 A supersonic maneuver wing designed for nonlinear attached flow p 134 A83-16707  
 [AIAA PAPER 83-0425] p 134 A83-16707  
 Low-speed investigation of the maneuver capability of supersonic fighter wings p 134 A83-16708  
 [AIAA PAPER 83-0426] p 134 A83-16708  
 The prediction of the noise of supersonic propellers in time domain - New theoretical results p 280 A83-25945  
 [AIAA PAPER 83-0743] p 280 A83-25945  
 Development of two airfoil sections for helicopter rotor blades p 374 A83-31623  
 An experimental study of the turbulent boundary layer on a transport wing in transonic flow p 492 A83-37188  
 [AIAA PAPER 83-1687] p 492 A83-37188  
 An investigation of wing leading-edge vortices at supersonic speeds p 498 A83-38648  
 [AIAA PAPER 83-1816] p 498 A83-38648  
 The combination of a geometry generator with transonic design and analysis algorithms p 500 A83-38689  
 [AIAA PAPER 83-1862] p 500 A83-38689  
 Improved method for transonic airfoil design-by-optimization p 501 A83-38691  
 [AIAA PAPER 83-1864] p 501 A83-38691  
 The calculation of two-dimensional transonic flow over airfoils including boundary layer and wake effects [SAE PAPER 830708] p 580 A83-43318  
 Grumman's forward swept wing feasibility studies and X-29A technology demonstrator p 602 A83-43736  
 [SAWE PAPER 1454] p 602 A83-43736  
 Experimental work on the aerodynamics of integrated slender wings for supersonic flight p 659 A83-44360  
 Design of the leading edge of a delta wing [AD-A117469] p 31 A83-10036  
 Study of supersonic wings employing the attainable leading-edge thrust concept p 180 A83-13073  
 [NASA-CR-3637] p 180 A83-13073  
**SUPERSONIC COMBUSTION**  
 A study on the hydrogen-oxygen diffusion flame in high speed flow p 296 A83-26199  
 Characteristics of the supersonic combustion of nonmixed gases in ducts p 758 A83-49778  
 Investigation of a low NOx full-scale annular combustor p 202 A83-13104  
 [NASA-CR-165518] p 202 A83-13104  
**SUPERSONIC COMBUSTION RAMJET ENGINES**  
 A one-dimensional unsteady model of dual mode scramjet operation p 161 A83-16705  
 [AIAA PAPER 83-0422] p 161 A83-16705  
 Errors in the experimental determination of the parameters of supersonic combustion ramjet engines p 211 A83-22653  
 The ideas of F. A. Tsander and an assessment of the application of jet engines for the acceleration of aerospace vehicles p 221 A83-22657

- Numerical study of scramjet and ramjet flow fields p 685 A83-33887  
 Calculation of inviscid air capture and additive drag for 3-D supersonic inlet flows p 685 A83-33889  
 Expanded operational capabilities of the Langley Mach 7 Scramjet test facility [NASA-TP-2186] p 754 A83-36039  
**SUPERSONIC COMPRESSORS**  
 The rule of forbidden signals and apparent Mach numbers in supersonic compressor cascades p 580 A83-42560  
**SUPERSONIC CRUISE AIRCRAFT RESEARCH**  
 Wind tunnel investigation of the transonic aerodynamic characteristics of forward swept wings --- supersonic cruise aircraft research p 190 A83-22153  
 Influence of leading-edge thrust on twisted and cambered wing design for supersonic cruise p 312 A83-29018  
 Inlet, engine, airframe controls integration development for supercruising aircraft p 447 A83-35842  
 On the conceptual design of supersonic cruising aircraft with subsonic wing leading edges p 523 A83-38950  
 Progress in supersonic cruise technology p 576 A83-43025  
 Strength-flutter structural optimization of a supersonic cruise combat aircraft p 730 A83-49190  
 Effect of advanced technology and a fuel efficient engine on a subsonic-cruise executive jet with a small cabin [NASA-CR-172190] p 679 A83-33876  
**SUPERSONIC DIFFUSERS**  
 Dynamic distortion in a short s-shaped subsonic diffuser with flow separation --- Lewis 8 by 6 foot Supersonic Wind Tunnel p 683 A83-45515  
 [AIAA PAPER 83-1412] p 683 A83-45515  
 Dynamic distortion in a short s-shaped subsonic diffuser with flow separation --- Lewis 8 by 6 foot Supersonic Wind Tunnel p 459 A83-26838  
 [NASA-TM-83412] p 459 A83-26838  
**SUPERSONIC DRAG**  
 Optimization of the supersonic drag of a smooth wing by use of linearized potential theory --- French thesis p 188 A83-20400  
 The maximum aerodynamic efficiency of conical wing-body combinations at high supersonic speeds p 578 A83-41266  
 Wave drag prediction using a simplified supersonic area rule p 716 A83-48222  
**SUPERSONIC FLIGHT**  
 Supersonic maneuvers without superbooms p 189 A83-21021  
 Experimental work on the aerodynamics of integrated slender wings for supersonic flight p 659 A83-44360  
 Effects of varying podded nacelle-nozzle installations on transonic aeropropulsive characteristics of a supersonic fighter aircraft p 427 A83-26821  
 [NASA-TP-2120] p 427 A83-26821  
**SUPERSONIC FLOW**  
 Load distribution on deformed wings in supersonic flow p 6 A83-10180  
 Supersonic flow around a conical fuselage of arbitrary section isolated or equipped with a delta wing with subsonic leading edges p 7 A83-10579  
 Application of the Carafoli method to the supersonic flow around a cruciform wing p 7 A83-10581  
 Pressure distribution on a simple delta wing p 8 A83-13023  
 Problems concerning supersonic flow past bodies of prismatic configurations p 179 A83-16394  
 PAN AIR applications to complex configurations --- computer program for predicting subsonic and supersonic linear potential flows p 129 A83-16459  
 [AIAA PAPER 83-0007] p 129 A83-16459  
 Flutter of orthotropic panels in supersonic flow using affine transformations p 228 A83-19821  
 The effect of the nonuniformity of supersonic flow with shocks on friction and heat transfer in the channel of a hypersonic ramjet engine p 211 A83-22654  
 Numerical calculation of the separation and connection of two-dimensional supersonic flows in channels with discontinuous boundaries p 212 A83-22658  
 Aeroacoustics of supersonic porous plug-nozzle flows [AIAA PAPER 83-0775] p 411 A83-31325  
 Applications of computational techniques in the design of ramjet engines p 418 A83-35828  
 Optimal form of the middle surface of a wing with supersonic leading edge, assuming minimum drag for a prescribed lift force and pitching moment p 493 A83-37518  
 Supersonic flow field analysis for a twin-engine aircraft model p 493 A83-37521  
 Separated flows at the leeward side of a delta wing and body of revolution in supersonic flow p 494 A83-37553  
 Aerodynamic loads on the rear part of a fuselage behind a swept wing in supersonic flow p 494 A83-37562

- A supersonic velocity field in the region of interference between a wing and a body having a common apex p 495 A83-37802  
 A conservative type-dependent full potential method for the treatment of supersonic flows with embedded subsonic regions p 502 A83-39356  
 [AIAA PAPER 83-1887] p 502 A83-39356  
 Computation of aerodynamic forces on bodies with non-circular cross-section in supersonic viscous flow [AIAA PAPER 83-2077] p 660 A83-45519  
 Determination of the suction-force distribution and its effect on the aerodynamic design of a wing for supersonic flow p 661 A83-46495  
 PAN AIR applications to complex configurations --- computer program for predicting subsonic and supersonic linear potential flows p 716 A83-48221  
 An experimental investigation of the influence from controls on supersonic axisymmetric flow over afterbodies with a centered propulsive jet [FFA-TN-1982-50] p 377 A83-23280  
 Nonlinear aerodynamics of conical delta wings p 504 A83-27956  
 Wind-tunnel investigation of leading-edge thrust on arrow wings in supersonic flow [NASA-TP-2187] p 583 A83-31577  
 Lineasend two-dimensional oscillatory airforce coefficients and load distributions on thin airfoils in supersonic flow --- pitching moments [ESDU-82005] p 664 A83-32762  
**SUPERSONIC FLUTTER**  
 Helicopter blade tips p 8 A83-11778  
 [AAAF PAPER NT 81-19] p 8 A83-11778  
 Flutter of orthotropic panels in supersonic flow using affine transformations p 228 A83-19821  
 Nonlinear supersonic flutter of panels considering shear deformation and rotary inertia p 473 A83-34315  
**SUPERSONIC INLETS**  
 Inlet, engine, airframe controls integration development for supercruising aircraft p 447 A83-35842  
 Response of a supersonic inlet to downstream perturbations p 422 A83-36403  
 [AIAA PAPER 83-2017] p 422 A83-36403  
 Application of numerical methods to the calculation of the characteristics of supersonic and hypersonic jet-engine air intakes p 494 A83-37532  
 Investigation of the parameters of a boundary layer before the inlet of a supersonic air intake mounted under the surface of a triangular plate p 494 A83-37533  
 Supercritical inlet design p 501 A83-38693  
 [AIAA PAPER 83-1866] p 501 A83-38693  
 Axisymmetric nose inlet effects on supersonic airflows p 503 A83-40008  
 Low flight speed acoustic results for a supersonic inlet with auxiliary inlet doors p 706 A83-45517  
 [AIAA PAPER 83-1415] p 706 A83-45517  
 Low flight speed acoustic results for a supersonic inlet with auxiliary inlet doors p 482 A83-27794  
 [NASA-TM-83411] p 482 A83-27794  
 Low speed performance of a supersonic axisymmetric mixed compression inlet with auxiliary inlets --- Lewis 9x15-ft anechoic wind tunnel tests [NASA-TM-83435] p 536 A83-27992  
**SUPERSONIC JET FLOW**  
 Tests of a thermal acoustic shield with a supersonic jet p 72 A83-10183  
 Screech suppression in supersonic jets p 237 A83-19814  
 On the shock cell structure and noise of supersonic jets p 306 A83-25923  
 [AIAA PAPER 83-0703] p 306 A83-25923  
 An experimental study of supersonic jet shock-associated noise p 307 A83-25924  
 [AIAA PAPER 83-0708] p 307 A83-25924  
 Porous-plug flowfield mechanisms for reducing supersonic jet noise p 281 A83-25959  
 [AIAA PAPER 83-0774] p 281 A83-25959  
 Nearfield observations of tones generated from supersonic jet flows p 308 A83-26449  
 [AIAA PAPER 83-0706] p 308 A83-26449  
 Coaxial supersonic jet-flows, shock structure and related problems with noise-suppression assessment and prediction p 366 A83-28011  
 [AIAA PAPER 83-0707] p 366 A83-28011  
 Shock-associated noise in supersonic jets p 367 A83-28957  
 Aeroacoustics of a porous plug supersonic jet noise suppressor [NASA-CR-169977] p 309 A83-19576  
**SUPERSONIC LOW ALTITUDE MISSILE**  
 Pan Air versus S/HABP - An evaluation of two diverse approaches to supersonic missile aerodynamic analysis --- Advanced Panel Pilot Code and Supersonic/Hypersonic Arbitrary Body Program [AIAA PAPER 83-0008] p 129 A83-16460



## SUPERSONIC NOZZLES

- Effects of varying podded nacelle-nozzle installations on transonic aeropropulsive characteristics of a supersonic fighter aircraft p 427 N83-26821  
 [NASA-TP-2120]  
 Supersonic nozzle design for a low density wind tunnel [INPE-2753-PRE/329] p 631 N83-30437

## SUPERSONIC SPEEDS

- Status review of a supersonically-based fighter wing-design study [AIAA PAPER 83-1857] p 521 A83-38684  
 Induced rolling moment on wings of a missile with tilt-wings in 'X-X' configuration at supersonic speeds p 627 A83-43689  
 Noise of the 10-bladed, 40 deg swept SR-6 propeller in a wind tunnel [NASA-TM-82950] p 74 N83-11840  
 The minimization of pylon-mounted store effects on air combat capability [NASA-TM-84597] p 195 N83-17510  
 Model aerodynamic test results for a refined actuated inlet ejector nozzle at simulated takeoff and cruise conditions [NASA-CR-168051] p 426 N83-26816  
 The FFA wing body 83 computer program A panel method for determination of aeroelastic characteristics at subsonic and supersonic speeds [FFA-TN-1983-3] p 665 N83-32780

## SUPERSONIC TRANSPORTS

- Technology status for an advanced supersonic transport [SAE PAPER 820955] p 433 A83-33627  
 Ejector nozzle test results at simulated flight conditions for an advanced supersonic transport propulsion system [AIAA PAPER 83-1287] p 454 A83-36323  
 Progress in supersonic cruise technology p 576 A83-43025  
 Theoretical and experimental investigation of supersonic aerodynamic characteristics of a twin-fuselage concept [NASA-TP-2184] p 665 N83-32776  
 Contracts, grants and funding summary of supersonic cruise research and variable-cycle engine technology programs, 1972 - 1982 [NASA-TM-85650] p 666 N83-33848

## SUPERSONIC WIND TUNNELS

- Free stream noise and transition measurements in a Mach 3.5 pilot quiet tunnel [AIAA PAPER 83-0042] p 171 A83-16482  
 Wind tunnel noise reduction at Mach 5 with a rod-wall sound shield --- for prevention of premature boundary layer transition on wind tunnel models [AIAA PAPER 82-0570] p 346 A83-28952  
 A new method of boundary layer correction in the design of supersonic wind tunnel nozzle p 659 A83-44561  
 Sound shield [NASA-CASE-LAR-12883-1] p 237 N83-17235  
 The effects of supports on the flow behind a body [NASA-TM-77073] p 691 N83-33909

## SUPPORT INTERFERENCE

- An algorithm of flight simulation on a dynamic stand of support type p 482 A83-34429

## SUPPORT SYSTEMS

- A survey of avionics software support environments p 70 A83-11163  
 Operational deployment of the air cushion vehicle p 485 A83-34884  
 LACV-30 supportability p 486 A83-35062  
 Designing for supportability and cost effectiveness [AIAA PAPER 83-2499] p 712 A83-49586

## SUPPORTS

- Stability of two-bladed aeroelastic rotors on flexible supports p 152 A83-18387  
 Polyurethane foams for aircraft shock mounts 4 Other polyols [AD-A119399] p 178 N83-14287  
 Model mount system for testing flutter [NASA-CASE-LAR-12950-1] p 465 N83-25727  
 The effects of supports on the flow behind a body [NASA-TM-77073] p 691 N83-33909

## SUPPRESSORS

- Utilizing numerical techniques in turbofan inlet acoustic suppressor design [NASA-TM-82994] p 73 N83-10885

## SURFACE CRACKS

- USAF studying techniques to restore windshields p 2 A83-12324  
 Surface notches in composites p 294 A83-23931  
 Damage tolerance evaluation of structures with small cracks p 701 N83-34101

## SURFACE DEFECTS

- An alternating method for analysis of surface-flawed aircraft structural components p 354 A83-28966

## SURFACE DISTORTION

- Design and construction of 2 transonic airfoil models for tests in the NASA Langley C-3-M TCT [NASA-TM-85325] p 401 N83-23326

## SURFACE EFFECT SHIPS

- From Voyageur on - The exploration of an opportunity to develop a Canadian air cushion vehicle industry --- developing Canadian Air Cushion Vehicle Industry p 485 A83-35052  
 A new class ACV - Tanker-freighter p 485 A83-35053  
 A design synthesis model for ACV/SES lift systems p 488 A83-35057

## SURFACE FINISHING

- Cold-setting adhesives for repair purposes using various surface preparation methods p 210 A83-15874  
 Aircraft surface coatings study Verification of selected materials [NASA-CR-159288] p 61 N83-11331  
 Self resonating pulsed water jets for aircraft coating removal Feasibility study [AD-A119114] p 218 N83-13292  
 Surface finish measurement studies p 292 N83-18765  
 Braking of an aircraft tire on grooved and porous asphaltic concrete [FAA-CT-82-147] p 360 N83-22593

## SURFACE GEOMETRY

- Operation of a helicopter on sloping ground I p 182 A83-14618  
 Curvature transitions of composite curves and surfaces - Questions regarding details of computer-aided design --- German thesis p 235 A83-20388  
 Determination of the theoretical profile of the electrode tool in the electrochemical processing of parts of complex shape p 407 A83-32967  
 Surfaces in computer aided geometric design, Proceedings of the Conference, Oberwolfach, West Germany, April 25-30, 1982 p 480 A83-33613

## SURFACE NAVIGATION

- Accuracy and availability of various modern navigation procedures p 25 A83-13013  
 NAVSTAR-GPS at sea p 323 A83-29207  
 Principles and present status --- of Navstar GPS for sea and air navigation p 723 A83-48733  
 GPS for Marine navigation p 723 A83-48734  
 Navigation National plans, NAVSTAR-GPS, Laser gyros [AD-A125533] p 515 N83-29194  
 Report from the International Congress of Navigation --- integrated navigation [FOA-C-20489-E3] p 593 N83-30400

## SURFACE PROPERTIES

- Ion implantation bearing surfaces for corrosion resistance [ASME PAPER 82-LUB-23] p 209 A83-13512  
 Calculation of the depth and hardness of the carburization layer of cylindrical parts --- for aircraft engines p 350 A83-29282  
 Airfield coatings incorporating polymer materials - Repair and maintenance --- Russian book p 689 A83-45029  
 Prediction of pavement roughness [AD-A120009] p 232 N83-16566  
 Unsteady aerodynamic and aeroelastic properties on control surfaces in transonic flow p 314 N83-20902  
 Runway surface condition sensor specification guide [AC-150/5220-13A] p 465 N83-25728

## SURFACE ROUGHNESS

- Aircraft icing roughness features and its effect on the icing process [AIAA PAPER 83-0111] p 188 A83-16527  
 Nondestructive airfield pavement testing using laser technology [AIAA PAPER 83-1601] p 399 A83-33364  
 Aircraft response to operations on rapidly repaired battle damaged runways and taxiways p 31 N83-10270  
 Pavement roughness and skid properties [PB82-212309] p 66 N83-10295  
 Proposed specifications for international interoperability on repaired bomb damaged runways p 175 N83-15286  
 Predicted and measured landing gear loads for the NF-5 aircraft taxiing over a bumpy runway p 157 N83-15296  
 The problem of design criteria for aircraft loads due to rough runway operation p 158 N83-15298  
 Landing gear shock absorber development to improve aircraft operating performance on rough and damaged runways p 158 N83-15299  
 Roughness considerations for transport aircraft p 158 N83-15300  
 A fighter landing gear for the 1980's p 158 N83-15301  
 Compressor cascade performance deterioration caused by sand ingestion [NASA-CR-168067] p 190 N83-16286

## Surface finish measurement studies

- p 292 N83-18765  
 Aircraft dynamic response to damaged and repaired runways [AD-A124111] p 267 N83-19747  
 Roughness effects on compressor outlet guide vanes at high Reynolds Number and high turning angle [AD-A124688] p 395 N83-24511  
 Damping seal for turbomachinery [NASA-CASE-MFS-25842-1] p 477 N83-26080  
 Application of active control landing gear technology to the A-10 aircraft [NASA-CR-166104] p 546 N83-27998  
 An assessment of the A-10's capability to operate on rough surfaces p 607 N83-30717

## SURFACE ROUGHNESS EFFECTS

- A proposed simple and safe aircraft take-off or landing procedure with wing roughness or protuberances [AIAA PAPER 83-0604] p 153 A83-19594  
 Transient response of taxiing aircraft [AIAA 83-0927] p 329 A83-29853  
 Enhancement of heat transfer p 642 A83-42659

## SURFACE TEMPERATURE

- Experimental and analytical determination of gear tooth temperatures with oil jet lubrication p 185 N83-15530  
 Temperature response of a model to set-point changes and conditioning in ETW p 465 N83-25721

## SURFACE TO AIR MISSILES

- ASAT - The U.K.'s new turbo jet R P V p 601 A83-43707

## SURFACE TO SURFACE MISSILES

- Prelaunch survivability of Ground Launched Cruise Missile (GLCM) Volume 3 SAVAGE code version 1.0 user's guide [AD-A119023] p 155 N83-14113  
 SURFACE VEHICLES  
 The design of a human-powered vehicle [AIAA PAPER 83-0649] p 180 A83-16816  
 The application of aeronautical technology to the construction of machines and vehicles p 710 A83-47214

## SURGES

- Transient blade response due to surge induced structural loads [SAE PAPER 821438] p 533 A83-37986  
 An experiment to improve the surge margin by use of cascade with splitter blades p 283 N83-18956  
 Digital system upset The effects of simulated lightning-induced transients on a general-purpose microprocessor [NASA-TM-84652] p 411 N83-24212  
 Eighth International Aerospace and Ground Conference on Lightning and Static Electricity Lightning Technology Roundup [FAA-CT-83-25] p 649 N83-31163  
 Modelling of direct-strike lightning coupling by a transfer function technique p 612 N83-31177  
 Usage of the SYSCAP II circuit analysis program to determine semiconductor failure threshold levels caused by lightning/EMP transients p 647 N83-31215

## SURVEILLANCE

- Aeroelastic considerations for continuous patrol/high altitude surveillance platforms p 329 A83-29850  
 [AIAA 83-0924] Battlefield surveillance RPVs bring it 'live' p 371 A83-30075  
 The utility of small aerostats for surveillance missions [AIAA PAPER 83-1973] p 508 A83-38904  
 Canadian rotary wing R P V technology development. II p 601 A83-43706  
 Scout - A real time intelligence and surveillance system p 602 A83-43717  
 Generation of the mode select sensor network coverage map [ATC-98A] p 188 N83-13088

## SURVEILLANCE RADAR

- Tactical three-dimensional air surveillance radar p 17 A83-10259  
 Wind shear detection with a modified airport surveillance radar p 360 A83-27040  
 Improvements in SSR p 722 A83-47655  
 Mode S beacon system Functional description [ATC-42-REV-B] p 188 N83-13086  
 Mode S beacon system Functional description [ATC-42-REV-C] p 698 N83-33016  
 SURVEYS  
 Statistical summary Study to determine the IFR operational profile of the general aviation single pilot --- instrument flight rules [NASA-CR-165805] p 198 N83-17523  
 Estimating regression coefficients from clustered samples. Sampling errors and optimum sample allocation [NASA-CR-166117] p 412 N83-25496

- Application of additional secondary factors to LORAN-C positions for hydrographic operations  
[ADA-125620] p 514 N83-27972
- Synthesis of responses to AGARD-FMP questionnaire on "prediction techniques and flight correlation"  
p 581 N83-30384

**SURVIVAL**

- An option for enhanced aircrew survivability  
p 183 A83-15409
- The survivable aircraft fire  
p 585 A83-43407
- Crash injury protection in survivable air transport accidents United States civil aircraft experience from 1970 through 1978 (incomplete)  
[FAA-CT-82-118] p 381 N83-24489
- A computer simulation of aircraft evacuation with fire  
[NASA-CR-166511] p 589 N83-31586

**SURVIVAL EQUIPMENT**

- Ejection seat-mounted crewmember restraint integrated with survival vest and flotation  
[AD-A126859] p 585 N83-30399

**SUSPENDING (HANGING)**

- The effects of supports on the flow behind a body  
[NASA-TM-77073] p 691 N83-33909

**SUSPENDING (MIXING)**

- Effective generalized conductivity of three-phase cellular systems — with kerosene-air-water fuel mixture example  
p 367 A83-29270

**SWEAT COOLING**

- Small gas turbine combustor study - Combustor liner evaluation  
[AIAA PAPER 83-0337] p 161 A83-16663
- Hydraulics of a channel with a linear jet array — heat transfer coefficient enhancement by jet impingement cooling  
p 298 A83-24049
- Small gas turbine combustor study Combustor liner evaluation  
[NASA-TM-83028] p 282 N83-18725

**SWEEP ANGLE**

- Experiments on a flow with swept separation and reattachment of a boundary layer  
p 697 A83-47020
- An experimental and theoretical investigation of thick wings at various sweep angles in and out of ground effect  
[NASA-TP-2068] p 9 N83-10016

**SWEPT FORWARD WINGS**

- Quadratic synthesis of integrated active controls for an aeroelastic forward-swept-wing-aircraft  
p 47 A83-12458
- Wind tunnel investigation of the transonic aerodynamic characteristics of forward swept wings — supersonic cruise aircraft research  
p 190 A83-22153
- Stability of steady sideslip equilibria for high alpha — supersonic fighter aircraft  
p 284 A83-24031
- Investigations concerning the structural design of a forward swept wing for a combat aircraft  
[DGLR PAPER 82-036] p 261 A83-24161
- Computational treatment of three-dimensional transonic canard-wing interactions  
p 312 A83-29021
- Active suppression of aeroelastic instabilities on a forward swept wing  
[AIAA 83-0991] p 341 A83-29869
- X-29 - Advanced technology demonstrator  
p 384 A83-31051
- X-29 integrated technology demonstrator and ATF  
[AIAA PAPER 83-1058] p 438 A83-36469
- Low-speed aerodynamic characteristics of a generic forward-swept-wing aircraft  
[SAE PAPER 82-1467] p 496 A83-37998
- High aspect ratio forward sweep for transport aircraft  
[AIAA PAPER 83-1832] p 498 A83-38661
- Application of forward sweep wings to an air combat fighter  
[AIAA PAPER 83-1833] p 520 A83-38662
- X-29 forward swept wing aerodynamic overview  
[AIAA PAPER 83-1834] p 520 A83-38663
- Wake characteristics and interactions of the canard/wing lifting surface configuration of the X-29 forward-swept wing flight demonstrator  
[AIAA PAPER 83-1835] p 499 A83-38664
- Qualification of the Datcom for sweptforward wing planforms A summary of work to date  
[AIAA PAPER 83-1836] p 499 A83-38665
- High angle-of-attack flight dynamics of a forward-swept wing fighter configuration  
[AIAA PAPER 83-1837] p 544 A83-38666
- Rigid-body structural mode coupling on a forward swept wing aircraft  
p 594 A83-41046
- Control of forward swept wing aeroelastic instabilities using active feedback systems  
[AIAA PAPER 83-2220] p 621 A83-41701
- Divergence suppression system for a forward swept wing configuration with wing-mounted stores  
[AIAA PAPER 83-2125] p 625 A83-41949
- Grumman's forward swept wing feasibility studies and X-29A technology demonstrator  
[SAE PAPER 1454] p 602 A83-43736

- Performance of a forward swept wing fighter utilizing thrust vectoring  
[AIAA PAPER 83-2482] p 727 A83-48344
- Measurement of wake interactions of a canard and a forward swept wing  
[AD-A118756] p 180 N83-12053
- Computational treatment of transonic canard-wing interactions  
[AD-A121662] p 246 N83-19718
- Aeropropulsive characteristics of twin single-expansion-ramp vectoring nozzles installed with forward-swept wings and canards — transonic tunnel tests  
[NASA-TP-2133] p 316 N83-22161
- A wind tunnel study of the effects of a close-coupled canard on the aerodynamic characteristics of a forward-swept wing in incompressible flow  
[AD-A124722] p 425 N83-25673
- Flutter prediction in forward-swept wings by assumed modes and strip theory  
[AD-A124715] p 461 N83-25719
- Wind tunnel experiments on the divergence of swept wings with composite structures  
[AD-A127950] p 584 N83-31582
- Aeroelastic stability of a forward swept wing with wing tip stores  
[AD-A125457] p 678 N83-32797

**SWEPT WINGS**

- Swept composite wing aeroelastic divergence experiments  
p 29 A83-10193
- Wind-tunnel measurements of wing-buffet boundaries at subsonic and transonic speeds  
p 7 A83-10440
- Low-speed investigation of the maneuver capability of supersonic fighter wings  
[AIAA PAPER 83-0426] p 134 A83-16708
- Boundary layer calculations in the inverse mode for incompressible flows over infinite swept wings  
[AIAA PAPER 83-0454] p 137 A83-19590
- Noise generation by a finite span swept airfoil  
[AIAA PAPER 83-0768] p 366 A83-28023
- Computational fluid dynamics of airfoils and wings  
p 313 A83-29927
- Progress toward the analysis of complex propulsion installation flow phenomenon  
[AIAA PAPER 83-1367] p 421 A83-36363
- An experimental study of the turbulent boundary layer on a transport wing in transonic flow  
[AIAA PAPER 83-1687] p 492 A83-37188
- Contouring tunnel walls to achieve free-air flow over a transonic swept wing  
[AIAA PAPER 83-1725] p 492 A83-37211
- Experimental and computational investigation of the flow in the leading edge region of a swept wing  
[AIAA PAPER 83-1762] p 492 A83-37233
- Distribution of the load-carrying material in a minimum-weight wing in the case of constraints on strength and load-carrying capacity  
p 556 A83-37513
- Decomposition method for minimizing the weight of the load-carrying structure of a swept wing with allowance for the conditions of static strength and prescribed aileron efficiency  
p 556 A83-37514
- Aerodynamic loads on the rear part of a fuselage behind a swept wing in supersonic flow  
p 494 A83-37562
- Calculation of a turbulent boundary layer of an incompressible fluid over swept wings of large aspect ratios  
p 495 A83-37803
- Viscous effects on a swept wing in transonic flow  
[AIAA PAPER 83-1804] p 497 A83-38638
- Calculation of three-dimensional turbulent boundary layer on an infinite swept wing  
p 659 A83-44555
- Wind tunnel investigations of some three-dimensional separated turbulent boundary layers  
p 662 A83-47019
- Low-speed aerodynamic characteristics of a 42 deg swept high-wing model having a double-slotted flap system and a supercritical airfoil  
[NASA-TM-X-3038] p 4 N83-11022
- Low-speed aerodynamic characteristics of a model having a 42 deg swept low wing with a supercritical airfoil, double-slotted flaps, and a T-tail  
[NASA-TM-X-2582] p 5 N83-11030
- Effects of wing height on low-speed aerodynamic characteristics of a model having a 42 deg swept wing, a supercritical airfoil, double-slotted flaps, and a low tail  
[NASA-TM-X-2794] p 6 N83-11033
- Wind-tunnel investigation of aerodynamic load distribution on a variable-wing-sweep fighter airplane with a NASA supercritical airfoil  
[NASA-TM-X-3095] p 32 N83-11116
- Subsonic balance and pressure investigation of a 60 deg delta wing with leading edge devices  
[NASA-CR-165923] p 246 N83-19714
- Lunate-tail swimming propulsion as a problem of curved lifting line in unsteady flow 1 Asymptotic theory  
[USCAE-139] p 561 N83-28377

- An experimental investigation of the subcritical and supercritical flow about a swept semispan wing  
[NASA-TM-84367] p 563 N83-29634
- Correlation problems between flutter flight test data and ground tests/calculation results for a variable sweep wing aircraft  
p 628 N83-30379
- Aeroelastic properties of straight and forward swept graphite/epoxy wings  
[AD-A127014] p 638 N83-31734
- Contribution of wing planform to rolling moment derivative due to sideslip, (L sub V) sub W, at subsonic speeds  
[ESDU-80033] p 663 N83-32751
- Contribution of wing planform to derivatives of yawing moment and sideforce due to roll rate at subsonic speeds (N sub p)sub w and (Y sub p)sub w  
[ESDU-81014] p 663 N83-32756
- Low-speed aerodynamic characteristics of a highly swept, untwisted uncambered arrow wing  
[NASA-TP-2176] p 718 N83-36000
- SWEPTBACK WINGS**
- Some experimental investigations on transonic flutter characteristics of thin plate wing models with sweptback and tapered tips  
p 150 A83-16926
- The design, testing and analysis of aeroelastically tailored transonic flutter model wings  
[AIAA 83-1027] p 330 A83-29876
- Determination of the suction-force distribution and its effect on the aerodynamic design of a wing for supersonic flow  
p 661 A83-46495
- Low-speed aerodynamic characteristics of a transport configuration having a 42 deg swept supercritical airfoil wing and three tail height positions  
[NASA-TM-X-3149] p 34 N83-11115
- Study of highly sweptback wings by the free vortex sheet method  
[NASA-CR-169559] p 181 N83-13076
- SWING WINGS**
- A NASTRAN model of a large flexible swing-wing bomber Volume 1 NASTRAN model plane  
[NASA-CR-170392-VOL-1] p 154 N83-14107
- SWIRLING**
- The swirl in an S-duct of typical air intake proportions  
p 418 A83-35620
- The performance of an annular vane swirler — to aid in modeling gas turbine combustor flowfields and swirling confined flow turbulence  
[AIAA PAPER 83-1326] p 455 A83-36340
- Emissions from enclosed swirl stabilised premixed flames  
[ASME PAPER 83-GT-192] p 742 A83-47998
- Experimental study on discharge and loss coefficients of combustor swirlers  
p 43 N83-11042
- SWITCHING CIRCUITS**
- A cost effective approach to design evaluation of advanced system display switchology  
p 71 A83-11200
- SYMBOLIC PROGRAMMING**
- Performing literal calculation with a micro-computer — symbolic calculations applied to aeroelasticity problem  
p 705 A83-45980
- Application of coding methods in development of symbology for a computer generated topographic display for Army aviators  
[AD-A118142] p 38 N83-11124
- SYMBOLS**
- Symbolic pattern matching for target acquisition  
p 24 A83-11460
- Helmet mounted display symbology for helicopter landing on small ships  
p 196 A83-16134
- SYMMETRY**
- Turbulent combustor flowfield investigation  
p 538 N83-29220
- Drag of axisymmetric cowls at zero incidence for subsonic Mach numbers  
[ESDU-81024] p 664 N83-32760
- SYNCHRONISM**
- Synchrophasing for cabin noise reduction of propeller-driven airplanes  
[AIAA PAPER 83-0717] p 326 A83-28013
- SYNCHRONOUS MOTORS**
- EASYS balanced load simulation of a bang-bang voltage regulator controlled synchronous generator — of rotor aircraft  
p 40 A83-11203
- Transient performance of permanent magnet synchronous motors  
p 353 A83-27189
- SYNCHRONOUS SATELLITES**
- Alternative techniques to GPS/NAVSTAR  
p 513 A83-38937
- A review of geostationary satellite alternatives for retrieving data from long duration balloon flights  
p 514 A83-39812
- SYNOPTIC MEASUREMENT**
- Relay balloon — data terminal for long duration synoptic earth observations  
p 524 A83-39811

**SYNTHETIC APERTURE RADAR**

- Automatic change detection of synthetic aperture radar imagery p 22 A83-11222  
 Analysis of three hierarchical motion compensation systems for synthetic aperture radars p 23 A83-11242

**SYNTHETIC APERTURES**

- Constrained optimization of monopulse circular aperture distribution in the presence of blockage p 259 A83-26835

**SYNTHETIC FUELS**

- Is LH2 the high cost option for aircraft fuel p 349 A83-27215  
 Development of new combustion chamber technologies for future alternative combustion fuels p 736 A83-47183  
 The impact of petroleum, synthetic and cryogenic fuels on civil aviation [FAA-EM-82-29] p 178 A83-14291  
 Evaluation of synthetic-fuel character effects on rich-lean stationary gas-turbine combustion systems Volume 2 Full-scale test program [DE83-902337] p 694 A83-34087

**SYNTHETIC RESINS**

- Characterization and degradation studies on synthetic polymers for aerospace application [NASA-CR-172996] p 698 A83-33014

**SYSTEM EFFECTIVENESS**

- Aircraft systems test requirements analysis p 54 A83-10737  
 Analysis of systems containing multiple, irregular sampling p 70 A83-11131  
 A prototype parallel computer architecture for advanced avionics applications p 70 A83-11153  
 NAVSTAR-GPS at sea p 323 A83-29207  
 Benefits of integrating GPS and Inertial Navigation Systems p 324 A83-29214  
 Evaluation of the productivity of an automated system for the testing of aircraft engines p 338 A83-29277  
 Improved system reliability through master independent operation — for Loran C p 672 A83-46956  
 Avionics built-in-test effectiveness and life cycle cost [AIAA PAPER 83-2448] p 712 A83-49578  
 Aerospace safety advisory panel [NASA-TM-85220] p 248 A83-18697  
 Models and techniques for evaluating the effectiveness of aircraft computing systems [NASA-CR-170229] p 411 A83-24184  
 Airport and highway noise control, planning and analysis [PB83-153692] p 560 A83-28290  
 Some general topics in the field of engine handling p 540 A83-29242  
 Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison between wind tunnel and flight results for aerodynamic performance p 603 A83-30361

**SYSTEM FAILURES**

- The reliability analysis of a dual, physically separated, communicating IMU system p 20 A83-11128  
 Robust fault detection, isolation, and accommodation to support integrated aircraft control [AIAA PAPER 83-2161] p 619 A83-41661  
 Phantoms in complex airborne systems p 682 A83-32801

**SYSTEM IDENTIFICATION**

- System identification and aircraft flutter p 215 A83-15546  
 Application of system identification flight analysis techniques to the pitch-heave dynamics of an air cushion vehicle p 484 A83-34852  
 Digital Instrumentation Analysis and Navigation System (DIANS) for system identification [AIAA PAPER 83-2091] p 609 A83-41922  
 Filtering flight data prior to aerodynamic system identification [AIAA PAPER 83-2098] p 597 A83-41928  
 Practical applications of system identification in flutter testing p 753 A83-49182  
 Transient heat-transfer measurement technique in wind tunnel and data analysis technique using system identification theory [AD-A124663] p 424 A83-25669  
 Preliminary kinematic consistency checking of helicopter flight data [ARL/AERO-NOTE-414] p 678 A83-32794

**SYSTEMS ANALYSIS**

- Aircraft systems test requirements analysis p 54 A83-10737  
 Techniques for system readiness analysis p 70 A83-11155  
 Fiber optics wavelength division multiplexing for aircraft applications p 21 A83-11181  
 Air traffic flow control systems - Modelling and evaluation p 258 A83-26602

**Simulator performance definition by cue synchronization analysis**

- [AIAA PAPER 83-1092] p 463 A83-36216  
 Bifurcation and limit cycle analysis of nonlinear systems with an application to aircraft at high angles of attack p 544 A83-37080  
 An overview of a new integrated system for communication, navigation, and identification - The Joint Tactical Information Distribution System p 590 A83-41310  
 Equivalent systems criteria for handling qualities of military aircraft p 49 A83-10057  
 Advanced flight control system study [NASA-CR-163117] p 205 A83-13113  
 CARE 3 phase 2 report - mathematical description [NASA-CR-3566] p 189 A83-14929  
 The military user view of software support throughout the in-service life of avionics systems p 335 A83-22149

- An interactive bombing mission simulation with computer graphics interface [AD-A124661] p 481 A83-26637  
 Dynamic characteristics of aerial refueling systems [AD-A124770] p 442 A83-26830  
 Flight and simulation test analysis system [AD-A125614] p 528 A83-27986  
 A study of wavelength division multiplexing for avionics applications [AD-A125749] p 530 A83-27990  
 The modern concept of acceleration control Introduction to optimal command in a handling by objective structure p 543 A83-29267

**SYSTEMS COMPATIBILITY**

- Aircraft design trends for cargo compatibility [AIAA PAPER 83-1609] p 380 A83-33370  
 F/A-18 inlet/engine compatibility flight test results p 594 A83-41039  
 A look at engine handling aspects from aircraft flight test experience, with an outlook for future requirements p 540 A83-29245

**SYSTEMS ENGINEERING**

- The NAL transonic cascade tunnel p 55 A83-11081  
 AEDCS - A computer-aided system design tool for integrated avionics p 71 A83-11176  
 Design of direct digital adaptive flight-mode control systems for high-performance aircraft p 46 A83-11179  
 Human engineering in aircraft and system design p 191 A83-16127  
 Robust model following systems p 220 A83-16146  
 Characteristics of flight simulator visual systems p 207 A83-16331  
 Radio Technical Commission for Aeronautics, Technical Symposium and Annual Assembly Meeting, Washington, DC, November 18-20, 1981, Proceedings p 127 A83-17301  
 An optimal control approach to the design of moving flight simulators p 218 A83-19949  
 Application of vector performance optimization to a robust control loop design for a fighter aircraft p 215 A83-21160  
 Aircraft separation assurance - Systems design p 252 A83-23371  
 Aviation system technology from the point of view of the aircraft manufacturer [DGLR PAPER 82-025] p 242 A83-24152  
 Optimal design of a baro/radio supported inertial altitude system [DGLR PAPER 82-041] p 269 A83-24165  
 A new, diaphragmless, flexible, luminous shock tube p 290 A83-26131  
 A powder-injection shock-tube facility p 290 A83-26132  
 Synthesis of C(astensk)-model reference adaptive flight controller p 287 A83-26559  
 A new facility and technique for two-dimensional aerodynamic testing p 398 A83-32585  
 The man-vehicle systems research facility - A new NASA aeronautical R & D facility [AIAA PAPER 83-1098] p 463 A83-36218  
 Design of a real-time CGSI system [AIAA PAPER 83-1101] p 474 A83-36221  
 NASA low-speed centrifugal compressor for fundamental research [AIAA PAPER 83-1351] p 464 A83-36353  
 Advanced propulsion controls - A total system view p 457 A83-36612  
 Design and analysis of a digitally controlled integrated flight/fire control system p 511 A83-37063  
 Controller scheduling - A possible algebraic viewpoint p 567 A83-37093  
 System design approaches to integrated controls p 511 A83-37103  
 A variable structure approach to robust control of VTOL aircraft p 544 A83-37145

**Design aspects of systems in all-electric aircraft [SAE PAPER 821436]**

- p 518 A83-37984  
 Vertical seeking ejection seat boosts pilots odds p 525 A83-40305  
 LHX system design for improved performance and affordability — Light Helicopter p 595 A83-41080  
 Integrated airframe/propulsion control system architectures (IAPSA) study [AIAA PAPER 83-2158] p 595 A83-41660  
 Design and experimentation within the Mobility Development Laboratory (MDL) utilizing the Static and Dynamic Test Machines p 630 A83-42549  
 Recovery system for the Lockheed Aquila R P V p 630 A83-43724  
 Output feedback pole assignment under system variation — with CH-46 example p 704 A83-44948  
 Experience with flight test trajectory guidance p 675 A83-45470

- Automation of the thermal spray process [SAE PAPER 820610] p 696 A83-45868  
 Advancing electronic technology impact on integrated propulsion/airframe controls design and development [ASME PAPER 83-GT-161] p 725 A83-47985  
 Power turbine dynamics - An evaluation of a shear-mounted elastomeric damper [ASME PAPER 83-GT-228] p 763 A83-48025  
 Integrated digital avionics systems - Promise and threats p 764 A83-48890  
 Gain and phase margin as a basis of longitudinal flying qualities evaluation — fighter aircraft p 49 A83-10059  
 Digital system for structural dynamics simulation [NASA-CR-168019] p 174 A83-14139  
 The F29 flight test instrumentation and data processing system An overview of requirements, design and organization [NLR-MP-81035-U] p 209 A83-16340  
 Multi-man flight simulator [NASA-CR-168449] p 359 A83-21210  
 Proposed MIL standard and handbook Flying qualities of air vehicles Volume 1 Proposed MIL standard [AD-A123674] p 373 A83-24468  
 Improvements in the dynamic simulation of gas turbines p 543 A83-29264  
 A life cycle cost management primer for use within the Aeronautical Systems Division [AD-A127267] p 654 A83-31519  
 Development of a multilevel optimization approach to the design of modern engineering systems [NASA-CR-172184] p 678 A83-32796

**SYSTEMS INTEGRATION**

- The evolution of Navy Flight Line EW testers from AN/ALM-66 to AN/USM-406C p 54 A83-10739  
 Integrated CNI avionics maximizes reliability — communications, navigation, and cooperative identification p 63 A83-11089  
 Integrated CNI - A new testing challenge — Communication, Navigation and Identification p 18 A83-11095  
 ICNIA - Lessons learned on sensor integration — Integrated Communication Navigation Identification Avionics p 18 A83-11096  
 Integrated flight and fire control development and flight test on an F-15B aircraft p 20 A83-11160  
 Integrated airframe/propulsion controls technology p 46 A83-11175  
 An AN/APN-194/V radar altimeter/MIL-STD-1553 interface circuit p 35 A83-11186  
 Use of the onboard simulation concept for the integrated flight and fire control program p 22 A83-11201  
 Integrated electrical power and avionics control system p 40 A83-11205  
 Dynamic characteristics of an integrated flight and fire control system p 46 A83-11208  
 F-4F fire control system software support - An integrated approach to ground and flight testing p 56 A83-11228  
 Design of an integrated control system for a supersonic aircraft power plant p 212 A83-23175  
 Integrated avionics/weapon system for air/ground missions [DGLR PAPER 82-039] p 253 A83-24163  
 Report on advanced transmission system integration tests — of Blackhawk helicopters p 298 A83-24833  
 Integrated navigation Actual and potential - Sea-air-space, Proceedings of the International Congress, Paris, France, September 21-24, 1982 Volumes 1 & 2 p 254 A83-24851  
 Integration of navigation resources in modern avionics systems p 254 A83-24852  
 A multifunction integrated approach to providing aircraft inertial data p 254 A83-24853  
 Carrier Aircraft Inertial Navigation System /CAINS/ integrated system approach p 254 A83-24854  
 The Integrated Inertial Navigation System - AN/ASN-132 p 254 A83-24855  
 A Differential Omega/VLF Navigator p 254 A83-24856

- Technical and operational evaluation of wide-area coverage navigation systems in the continental United States p 255 A83-24857
- Experiments of Omega for aviation p 255 A83-24862
- Main technical and operational characteristics of navigation systems with a view to identifying a mixed radionavigation system p 255 A83-24869
- Simple integrated navigation systems p 256 A83-24873
- Thermal design of integrated avionics racks for aircraft [SAE PAPER 820871] p 263 A83-25770
- A multifunction integrated approach to providing aircraft inertial data p 321 A83-28595
- The Integrated Inertial Navigation System AN/ASN-132 p 321 A83-28596
- Integrated systems evaluated on F-15 p 322 A83-28700
- Integration and flight demonstrations of the Integrated Inertial Sensor Assembly /IISA/ p 322 A83-28785
- Synergistic integration of JTIDS/GPS technology --- Joint Tactical Information Distribution System p 323 A83-28789
- Integrated GPS, DLMS, and radar altimeter measurements for improved terrain determination p 324 A83-29212
- Benefits of integrating GPS and Inertial Navigation Systems p 324 A83-29214
- Development and test of an integrated sensory system for advanced aircraft p 390 A83-30159
- Inlet, engine, airframe controls integration development for supercruising aircraft p 447 A83-35842
- Flight/propulsion control system integration [AIAA PAPER 83-1238] p 453 A83-36301
- Design for testing of a low altitude night-in-weather attack system p 432 A83-36470
- Design and analysis of a digitally controlled integrated flight/fire control system p 511 A83-37063
- System design approaches to integrated controls p 511 A83-37103
- Integration produces small Ku-band altimeter p 529 A83-37820
- DC-9 Super 80 Digital Flight Guidance System integrated system testing p 529 A83-37959
- [SAE PAPER 821364] p 529 A83-37959
- The integration of multiple avionics sensors and technologies for future military helicopters p 514 A83-40301
- Integrated flight control systems development - The F/A-18A Automatic Carrier Landing System [AIAA PAPER 83-2162] p 623 A83-41765
- Lasers and avionics integration p 642 A83-42836
- F-14 aircraft and propulsion control integration evaluation p 744 A83-48029
- [ASME PAPER 83-GT-234] p 744 A83-48029
- Integrated flight/propulsion control system architectures for a high speed aircraft p 746 A83-49595
- Integrated control system concept for high-speed aircraft p 751 A83-50074
- [AIAA PAPER 83-2564] p 751 A83-50074
- Development of avionics installation interface standards p 38 A83-11123
- [AD-A116852] p 38 A83-11123
- Integrated research aircraft control technology with full authority digital electronic control [NASA-CR-163100] p 170 A83-15318
- Design, development, and flight test of a demonstration advanced avionics system p 270 A83-18721
- [NASA-TM-84323] p 270 A83-18721
- Anemobarometric systems for next generation aircraft --- architecture for air data systems p 343 A83-22101
- Validation of software for integration of missiles with aircraft systems p 364 A83-22140
- SH-3 helicopter/Global Positioning System integration analysis p 432 A83-25691
- [AD-A125005] p 432 A83-25691
- The remote link unit A demonstration of operational performance Part 3 Design manual, volume 1 [AD-A124621] p 476 A83-25934
- Advances in sensors and their integration into aircraft guidance and control systems [AGARD-AG-272] p 712 A83-34891
- Integration of a new sensor on to an existing aircraft p 732 A83-34901
- SYSTEMS MANAGEMENT**
- Flight management concepts development for fuel conservation p 447 A83-35843
- Co-ordination in aviation in southern Africa p 320 A83-23210
- SYSTEMS SIMULATION**
- A dynamic interface error performance simulation - IV&V for the F-4F OFP --- Independent Verification and Validation for Operational Flight Program p 70 A83-11114

- Economic modeling of fault tolerant flight control systems in commercial applications p 46 A83-11156
- New threat simulator /NETS/ a multi-sensor R & D tool for EW development p 56 A83-11238
- Quadratic synthesis of integrated active controls for an aeroelastic forward-swept-wing-aircraft p 47 A83-12458
- Flight simulation - Avionic systems and aero medical aspects, Proceedings of the International Conference, London, England, April 6, 7, 1982 p 175 A83-16326
- Stimulation versus simulation --- as illustrated with Mission System Avionics for Airborne Early Warning Nimrod p 185 A83-16332
- Simulation of a terrain following system p 186 A83-16333
- Illustration of the applicability of computer aided design packages p 298 A83-24719
- Development of adaptation and identification algorithms in adaptive digital aircraft control systems p 287 A83-26600
- Excitation and vibration of flexible bladed disks under operating and simulated operation conditions p 449 A83-35881
- A Kalman filter algorithm for terminal-area navigation with sensors of moderate accuracy p 670 A83-45460
- The simulation study on a redundant flight control system p 3 A83-10014
- Low altitude navigation augmentation system [AD-A119700] p 147 A83-14100
- Digital system for structural dynamics simulation [NASA-CR-168019] p 174 A83-14139
- A method for the numerical simulation of an aircraft undercarriage system p 176 A83-15295
- Development and evaluation of a Kalman-filter algorithm for terminal area navigation using sensors of moderate accuracy [NASA-TP-2035] p 515 A83-29193
- Survey of missile simulation and flight mechanics facilities in NATO [AD-A128440] p 550 A83-29276
- SYSTEMS STABILITY**
- Stability of the decentralized estimation in the JTIDS relative navigation p 23 A83-11253
- Robust model following systems p 220 A83-16146
- Implicit adaptive control for a class of MIMO systems --- with application to lateral dynamics of F-8 aircraft p 169 A83-19031
- Multivariable approach to the problem of structural cross coupling of force feedback electrohydraulic actuators --- for structural testing of aircraft and their components p 287 A83-26601
- Globally stable nonlinear flight control system p 395 A83-32425
- Using adaptive control to synthesize invariant and partially autonomous automatic stabilization systems p 460 A83-33900
- Tradeoff studies in multiobjective insensitive design of airplane control systems [AIAA PAPER 83-2273] p 622 A83-41739
- Output feedback pole assignment under system variation --- with CH-46 example p 704 A83-44948
- T**
- T-38 AIRCRAFT**
- Simulation of T-38 aircraft student canopy response to cockpit pressure and thermal loads using MAGMA --- Materially and Geometrically Nonlinear Analysis [AIAA 83-0942] p 328 A83-29772
- Application of multiple objective optimization techniques to finite element model tuning --- for flutter analysis of T-38 aircraft horizontal stabilizer [AIAA 83-1010] p 356 A83-29796
- Finite-element analysis of the T-38 canopy p 594 A83-41044
- Flutter investigation of a repaired T-38 horizontal stabilizer using NASTRAN p 641 A83-42541
- T-53 ENGINE**
- An evaluation of engine performance assessment procedures for the Lycoming T53 engine as installed in the Iroquois helicopter [ARL-MECH-ENG-NOTE-387] p 282 A83-18728
- T-56 ENGINE**
- Effect of fuel composition on Navy aircraft engine hot section components [AIAA PAPER 83-1147] p 450 A83-36244
- Aspects of the T56 power section usage/operating costs [AIAA PAPER 83-1408] p 457 A83-36397
- Re-engineing applications of T56 derivative engines [SAE PAPER 821444] p 518 A83-37992
- T-64 ENGINE**
- Pre-planned product improvement /P3I/ the T64-GE-418 derivative engine p 276 A83-24826

**TABLES (DATA)**

- Airport activity statistics of certificated route air carriers [AD-A119713] p 185 A83-13084

**TABS (CONTROL SURFACES)**

- The effect of backlash and trailing-edge strips on the flutter speed of a two-dimensional model of a tailplane with tab p 151 A83-18068
- Unsteady aerodynamic forces and flutter analysis for a wing-aileron-tab configuration p 643 A83-43688

**TACAN**

- The Integrated Inertial Navigation System AN/ASN-132 p 321 A83-28596

**TACHOMETERS**

- Minimum contact magnetic sensing of turbine blade speed p 391 A83-30175

**TACT PROGRAM**

- Experience with flight test trajectory guidance p 675 A83-45470

**TAIL ASSEMBLIES**

- Fail-safe optimal design of complex structures with substructures p 212 A83-13490
- Effects of various empennage parameters on the aerodynamic characteristics of a twin-engine afterbody model [AIAA PAPER 83-0085] p 130 A83-16511
- Vibration isolation system development for the FB-111 tail pod electronics p 150 A83-16932
- Design and manufacture of the Tornado carbon-fiber reinforced plastics taileron [DGLR PAPER 82-038] p 261 A83-24162
- On the critical speed of empennage flutter with allowance for the rudder p 340 A83-29286
- Empennage/afterbody integration for single and twin-engine fighter aircraft [AIAA PAPER 83-1126] p 420 A83-36235
- Low-speed aerodynamic characteristics of a transport configuration having a 42 deg swept supercritical airfoil wing and three tail height positions [NASA-TM-X-3149] p 32 A83-11115
- Rotary balance data for a typical single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg 2 Influence of horizontal tail location for Model D [NASA-CR-3247] p 180 A83-13070
- Effects of twin-vertical-tail parameters on twin-engine afterbody/nozzle aerodynamic characteristics --- Langley 16-ft transonic tunnel tests [NASA-TP-2158] p 377 A83-24478
- Calculation of transonic potential flow around a wing-body-tail combination [AD-A124247] p 378 A83-24482
- Effect of empennage location on twin-engine afterbody-nozzle aerodynamic characteristics at Mach Numbers from 0.6 to 1.2 --- wind tunnel tests [NASA-TP-2116] p 424 A83-25666
- Force and pressure measurements on a research model with a low-, mid- and T-tail at Mach numbers of 0.60 to 0.90 Volume 2 Tabulated data [AD-A124068] p 425 A83-25676
- Force and pressure measurements on a research model with a low-, mid- and T-tail at Mach numbers of 0.60 to 0.90 Volume 1 Summary report [AD-A124067] p 504 A83-27962
- Lessons from Tornado afterbody development p 604 A83-30366
- Determination of the dynamic environment of the F/FB-111 tail pod assembly p 606 A83-30716
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of roll, (Y sub p) sub F, (N sub p) sub F, (L sub p) sub F, in the presence of body, wing and tailplate [ESDU-83008] p 665 A83-32770
- TAIL ROTORS**
- Rotor-vortex interaction noise [AIAA PAPER 83-0720] p 367 A83-29950
- NOTAR - The viable alternative to a tail rotor [AIAA PAPER 83-2527] p 728 A83-48365
- Developments in UK rotor blade technology [AIAA PAPER 83-2525] p 731 A83-49589
- Studies on blade-to-blade and rotor-fuselage-tail interferences --- in helicopters [MBB-351-82-O-E] p 195 A83-17521
- TAIL SURFACES**
- Design, analyses, and model tests of an aerodynamically tailored lifting surface p 204 A83-22155
- Thrust reverser effects on the tail surface aerodynamics of an F-18 type configuration [AIAA PAPER 83-1860] p 500 A83-38687
- TAILLESS AIRCRAFT**
- The Northrop Flying Wing prototypes [AIAA PAPER 83-1047] p 416 A83-36471
- TAKEOFF**
- Nomogram for take-off performance of the V/STOL airplane p 30 A83-12665

- A proposed simple and safe aircraft take-off or landing procedure with wing roughness or protruberances  
[AIAA PAPER 83-0604] p 153 A83-19594
- Researchers study methods to combat effects of wind shear p 196 A83-22175
- Noise-reducing takeoff and landing procedures and the potential for their operational use in the Airbus A300  
[DGLR PAPER 82-032] p 247 A83-24158
- Dynamic taxi response (have bounce) testing of the C-5A aircraft  
[AIAA PAPER 83-1024] p 386 A83-32783
- Handling qualities aspects of CTOL aircraft with advanced flight controls p 50 A83-10064
- Advanced rapid runway repair A stable and flush repaired runway surface p 175 A83-15287
- The repaired runway clearance environment p 176 A83-15290
- A fighter landing gear for the 1980's p 158 A83-15301
- Significant events in low-level flow conditions hazardous to aircraft p 410 A83-25268
- [NASA-TM-82522] p 410 A83-25268
- Model aerodynamic test results for a refined actuated inlet ejector nozzle at simulated takeoff and cruise conditions p 426 A83-26816
- [NASA-CR-168051] p 426 A83-26816
- Potential joint civil and military use of military airfields [PB83-186734] p 633 A83-31616
- Effect of trailing-edge flaps on rolling moment derivative due to sideslip, (L sub V) sub F p 663 A83-32752
- [ESDU-80034] p 663 A83-32752
- Approximate parametric method for propeller thrust estimation p 664 A83-32769
- [ESDU-83001] p 664 A83-32769
- First approximation to take-off distance to 50 ft (15.2m) for light and general aviation airplanes p 678 A83-32793
- [ESDU-82033] p 678 A83-32793
- TAKEOFF RUNS**
- An approach to helicopter power selection p 277 A83-24828
- Motion of the ski runners of an aircraft on soil I p 327 A83-29281
- Short takeoff performance using a gravity assist ski jump [AD-A126456] p 679 A83-33879
- TANDEM WING AIRCRAFT**
- Delta canard configuration at high angle of attack p 285 A83-24650
- TANKER AIRCRAFT**
- The KC-10A - USAF's newest range extender p 189 A83-14700
- USAF Bioenvironmental Noise Data Handbook Volume 180 KC-10A aircraft, near and far-field noise [AD-A121301] p 309 A83-19579
- Measurements of airtanker drop conditions during firefighting operations [PB83-157883] p 529 A83-29203
- TANTALUM**
- COSAM (Conservation Of Strategic Aerospace Materials) program overview [NASA-TM-83006] p 61 A83-11282
- TAPE RECORDERS**
- Operating instructions manual for Microprocessor Airborne Data Acquisition and Replay (MADAR) module [AD-A128558] p 648 A83-32031
- TAPERING**
- Large-bore tapered-roller bearing performance and endurance to 2.4 million DN p 303 A83-20134
- TARGET ACQUISITION**
- Simulation of background clutter --- causing target signature distortion p 62 A83-10063
- Tactical three-dimensional air surveillance radar p 17 A83-10259
- Maximizing survivability and effectiveness of air-to-ground gunnery using a moveable gun p 21 A83-11192
- Dynamic characteristics of an integrated flight and fire control system p 46 A83-11208
- Advanced terrain following radar for LANTIRN --- Low Altitude, Navigation, Targeting Infrared at Night p 23 A83-11241
- Symbolic pattern matching for target acquisition p 24 A83-11460
- Application of image understanding to automatic tactical target acquisition p 25 A83-12878
- The Aquila - A versatile, cost-effective military tool shows its potential p 192 A83-16399
- Estimation of helicopter and target motion for the advanced attack helicopter fire control system p 143 A83-18378
- Real-time reconnaissance - A systems look at advanced technology p 200 A83-22576
- Stimulus variables affecting dynamic target acquisition p 209 A83-22590
- Target acquisition and extraction from cluttered backgrounds p 268 A83-23531
- Eliminating nearest neighbor searches in estimating target orientation p 268 A83-23535
- Designing for stray radiation rejection --- of heat seeking missile components p 268 A83-23536
- An adaptive scheme for optimal target detection in variable clutter environment p 253 A83-24779
- Estimation and prediction for maneuvering target trajectories p 257 A83-26261
- Algorithm development for infra-red air-to-air guidance systems - How to separate the wheat from the chaff A simple approach to target detection p 321 A83-28178
- Estimation enhancement by trajectory modulation for homing missiles p 511 A83-37135
- A comparative evaluation of some maneuvering target tracking algorithms p 650 A83-41664
- [AIAA PAPER 83-2168] p 650 A83-41664
- Extended uses of the Aquila RPV system p 601 A83-43716
- Software development Design and reality p 363 A83-22114
- Measuring target position with the FUCAS phased-array radar system [PHL-1982-64] p 560 A83-28317
- USAF (United States Air Force) avionics master plan [AD-A125819] p 531 A83-29205
- TARGET DRONE AIRCRAFT**
- Full scale test of the C22 target in the ONERA S1MA wind tunnel [ONERA, TP NO 1982-95] p 152 A83-18430
- Propulsion systems of flight vehicles and drones - Conditions, requirements, and current and future propulsion systems [DGLR PAPER 82-086] p 275 A83-24198
- A rocket boosted sea launched target system p 600 A83-43702
- ASAT - The U K's new turbo jet R P V p 601 A83-43707
- TARGET RECOGNITION**
- Multiscenario imaging sensor autoprocessor --- for target recognition p 22 A83-11224
- The A6E /TRAM/ all weather weapon system --- Target Recognition and Attack Multisensor p 24 A83-11260
- Intelligent control of tactical target cueing --- by subsonic flight vehicles p 25 A83-12879
- Target TV projector with dynamic raster shaping for use in dome simulators p 231 A83-22834
- Infrared target array development p 268 A83-23527
- Target acquisition and extraction from cluttered backgrounds p 268 A83-23531
- Nonlinear generalized likelihood ratio algorithms for maneuver detection and estimation p 511 A83-37136
- Polarimetric techniques in radar signal processing p 639 A83-40758
- Airborne radar tracking system based on optimal filtering theory p 592 A83-43696
- A multi-function radar system for RPVs p 593 A83-43722
- Direct aircraft velocity determination by L-band moving target detector radar [AD-A117512] p 27 A83-10031
- Polarization null characteristics of simple targets [AD-A129303] p 765 A83-36312
- TARGET SIMULATORS**
- Investigation of constant turn-rate dynamics models in filters for airborne vehicle tracking p 71 A83-11190
- New target models for homing missile guidance [AIAA PAPER 83-2166] p 590 A83-41662
- TARGETS**
- Flight tests of tow wire forces while flying a racetrack pattern p 439 A83-36919
- F-106 tow system (IOT&E) [AD A118527] p 193 A83-12074
- Polarization null characteristics of simple targets [AD-A129303] p 765 A83-36312
- Proposal and justification for the establishment of an aeronautical systems-target nonnuclear survivability vulnerability information analysis center-SURVIAC [AD-A130414] p 771 A83-37015
- TAXIING**
- Transient response of taxiing aircraft [AIAA 83-0927] p 329 A83-29853
- Dynamic taxi response (have bounce) testing of the C-5A aircraft [AIAA PAPER 83-1024] p 386 A83-32783
- Guidance control systems for aircraft on airport surfaces [AIAA PAPER 83-1579] p 429 A83-36953
- A state-of-the-art survey of the development of taxiway guidance and control systems [AD-A117520] p 58 A83-11150
- Predicted and measured landing gear loads for the NF-5 aircraft taxiing over a bumpy runway p 157 A83-15296
- A fighter landing gear for the 1980's p 158 A83-15301
- Predicted and measured landing gear loads for the NF-5 aircraft taxiing over a bumpy runway [NLR-MP-82008-U] p 207 A83-17532
- A study of analytic modeling techniques for landing gear dynamics [AD-A122312] p 267 A83-19745
- Some methods for the derivation of taxiing loads for undercarriages with linear or nonlinear properties [NLR-TR-81110-U] p 389 A83-23297
- Vertical accelerations of a large aircraft during landing and taxiing [NLR-TR-82001-U] p 389 A83-23298
- TECHNOLOGICAL FORECASTING**
- Engines for future combat aircraft p 39 A83-10867
- Air data systems for airplanes of the 1990's p 18 A83-11099
- Strapdown inertial performance needed for the 1990's p 19 A83-11127
- Engine technology for the next decade p 41 A83-12098
- Tomorrow's Tomcat p 189 A83-14324
- Advanced escape system design for future combat aircraft p 190 A83-15436
- Solar drones scan the earth p 150 A83-16872
- Military propulsion technology I - Fighter power - The need for tomorrow p 162 A83-18948
- Reconnaissance of the year 2000 and beyond p 186 A83-22577
- The role of advanced navigation in future air traffic management p 252 A83-23372
- Air traffic control for tomorrow - Problems and solutions p 252 A83-23494
- Alternative wing concepts for a long-distance aircraft of the nineties [DGLR PAPER 82-029] p 261 A83-24155
- Helicopter engine development - New standards for the '80s p 278 A83-24837
- Warm cycle propulsion for the 1990's heavy lift helicopters p 278 A83-24840
- Air traffic control into the 21st century p 381 A83-30275
- High-technology factory of the future p 405 A83-31052
- The future of the U S aviation system [AIAA PAPER 83-1594] p 379 A83-33360
- Impact of new technology on future short-haul transports [AIAA PAPER 83-1604] p 388 A83-33367
- A survey of trends in modern turbine technology [AIAA PAPER 83-1174] p 451 A83-36260
- The future of the manned aircraft p 416 A83-36960
- The future of civil avionics p 512 A83-37819
- The integration of multiple avionic sensors and technologies for future military helicopters p 514 A83-40301
- Hingeless and bearingless main rotor in a fiber composite type of construction for dynamic systems of future helicopters p 724 A83-47195
- Army aircraft requirements in the 1990's - A view forward [AIAA PAPER 83-2434] p 710 A83-48326
- Advanced commercial engines for the 1990's [AIAA PAPER 83-2479] p 745 A83-48342
- Air Force Aeronautical Systems the 1990's - A major shift [AIAA PAPER 83-2433] p 711 A83-49576
- A McDonnell Douglas perspective - Commercial aircraft for the next generation [AIAA PAPER 83-2502] p 731 A83-49587
- New developments in aluminum and titanium investment castings p 178 A83-15438
- DATAMAP and its impact on prediction programs p 236 A83-17489
- Liquid crystal displays p 611 A83-30420
- Shell briefing service Aircraft fuels today and tomorrow p 638 A83-30678
- TECHNOLOGIES**
- Highlights of the new national aeronautical research and technology policy p 175 A83-16374
- TECHNOLOGY ASSESSMENT**
- Technology upgrade to ALR-46 and ALR 69 radar warning receivers p 18 A83-11102
- Holographic HUDs de-mystified p 35 A83-11171
- Integrated airframe/propulsion controls technology p 46 A83-11175
- Secondary air data measurement technology --- pressure transducers for RPVs, drones, cruise missiles and fighter backup systems p 36 A83-11261
- Solid state, 95 GHz tracking radar system p 24 A83-11918
- NAVSTAR GPS - State of development and future of this global navigation system p 25 A83-13009
- Assessment of advanced ejection seat concepts / A progress report/ p 191 A83-15444
- The maneuvering flight path display An update p 196 A83-16130

Advanced fighter technology integrator /AFTI/ F-16 display mechanization p 196 A83-16132  
 Aerospace highlights 1982 p 225 A83-16375  
 Some advances in ground systems for air traffic control p 142 A83-17734  
 Composite technology in the UK helicopter industry p 151 A83-18377  
 Helicopter evolution p 127 A83-18384  
 Military propulsion technology II - Supersonic V/STOL technology shapes up p 163 A83-18949  
 The development of advanced composite front fuselage technology p 202 A83-20464  
 Will technology make the helicopter competitive p 204 A83-21574  
 Multifunction CO2 laser radar technology p 208 A83-22502  
 Real-time reconnaissance - A systems look at advanced technology p 200 A83-22576  
 Future trends in the use of infrared line scanners for airborne reconnaissance p 209 A83-22578  
 Air traffic and requirements for future passenger aircraft p 241 A83-24151  
 [DGLR PAPER 82-024]  
 New technology in general aviation p 262 A83-24172  
 [DGLR PAPER 82-048]  
 Performance improvements of single-engine business airplanes by the integration of advanced technologies [DGLR PAPER 82-064] p 262 A83-24178  
 Technical and operational evaluation of wide-area coverage navigation systems in the continental United States p 255 A83-24857  
 New on board equipments /PMS, FMS/ and the ATC system - Evolution or revolution p 269 A83-24859  
 PW4000 uses JT9D, new technology p 281 A83-26072  
 Flight deck display p 334 A83-27123  
 Whence Stirling engines --- auto and air applications p 353 A83-27285  
 Benefits of integrating GPS and Inertial Navigation Systems p 324 A83-29214  
 Changing the course of U.S. aviation p 371 A83-30830  
 X-29 - Advanced technology demonstrator p 384 A83-31051  
 Advanced propeller technology for new commuter aircraft p 392 A83-31803  
 [SAE PAPER 820720]  
 Advanced technology for SAAB-Fairchild 340 aircraft [SAE PAPER 820729] p 384 A83-31805  
 Powder metallurgy of titanium alloys --- Book p 403 A83-32599  
 Boeing Vertol - The leading edge of technology p 372 A83-33095  
 The history of V/STOL aircraft II p 372 A83-33097  
 Advanced Civil Military Aircraft - Technical feasibility assessment p 379 A83-33359  
 [AIAA PAPER 83-1592]  
 NASA technology program for future civil air transports p 379 A83-33366  
 [AIAA PAPER 83-1603]  
 Impact of new technology on future short-haul transports p 388 A83-33367  
 [AIAA PAPER 83-1604]  
 Short haul technology - Refining the turboprop p 379 A83-33368  
 [AIAA PAPER 83-1606]  
 Technology status for an advanced supersonic transport p 433 A83-33627  
 [SAE PAPER 820955]  
 Applications of advanced upper surface blowing propulsive-lift technology p 433 A83-33628  
 [SAE PAPER 820956]  
 Prop-fan powered aircraft - An overview p 434 A83-33629  
 [SAE PAPER 820957]  
 Flight Simulation Technologies Conference, Niagara Falls, NY, June 13-15, 1983, Collection of Technical Papers p 415 A83-36203  
 Advanced propfan engine characteristics and technology needs p 450 A83-36250  
 [AIAA PAPER 83-1155]  
 Configuration selection and technology transition in 5000 SHP class engines p 457 A83-36400  
 [AIAA PAPER 83-1411]  
 1983 LTA technology assessment p 437 A83-36406  
 [AIAA PAPER 83-1617]  
 Aircraft production technology (2nd revised and enlarged edition) --- Russian textbook p 415 A83-36443  
 XB-70 technology advancements p 437 A83-36460  
 [AIAA PAPER 83-1048]  
 The application of low-cost demonstrators for advanced fighter technology evaluation p 438 A83-36462  
 [AIAA PAPER 83-1052]  
 YAV-8B flight demonstration program p 438 A83-36466  
 [AIAA PAPER 83-1055]  
 X-29 integrated technology demonstrator and ATF p 438 A83-36469  
 [AIAA PAPER 83-1058]

The F-5 story - Prototype and technology demonstrator p 439 A83-36473  
 [AIAA PAPER 83-1062]  
 V/STOL status from the engine technology viewpoint p 458 A83-36912  
 New technologies for general aviation p 489 A83-37856  
 Dornier Do 24 TT(technology testbed) experimental amphibian p 518 A83-37857  
 Aerodynamic simulation - A key technology not only for aviation p 495 A83-37880  
 727, B-52 retrofit with PW2037 meeting today's requirements p 518 A83-37991  
 [SAE PAPER 821443]  
 Regional airline turboprop engine technology p 535 A83-39101  
 [AIAA PAPER 83-1158]  
 Automated systems of control in civil aviation of the USSR p 513 A83-39219  
 Advanced composites for advanced aircraft p 552 A83-40342  
 Flight management systems - Where are we today and what have we learned? p 622 A83-41713  
 [AIAA PAPER 83-2236]  
 Flight Management Systems III - Where are we going and will it be worth it? p 622 A83-41714  
 [AIAA PAPER 82-2237]  
 An overview of airborne optical communications p 592 A83-42574  
 Canadair rotary wing R P V technology development. II p 601 A83-43706  
 Advanced technology wing structure [SAE PAPER 1487] p 644 A83-43754  
 CO2 laser rangefinders p 670 A83-44812  
 Impact of new technology on engineering and maintenance systems --- of airlines p 657 A83-45078  
 The Integrated Technology and Flight Research Rotor Technology demonstrators for the 1985-1995 timeframe p 677 A83-46928  
 Current status of the MLS program p 672 A83-46958  
 Development and testing of a high-technology amphibious flying vehicle p 724 A83-47182  
 Increased energy exploitation in cooled high-temperature turbines p 738 A83-47202  
 Development of aerodynamic technology for large civil aviation aircraft p 709 A83-47204  
 The technology of adaptive wind-tunnel walls p 752 A83-47226  
 Survey of the state of the art in modern ground vibration testing p 753 A83-49184  
 Structural optimization with aeroelastic constraints - A survey of US applications p 764 A83-49188  
 An overview of V/STOL aircraft development [AIAA PAPER 83-2491] p 731 A83-49584  
 Airport and air traffic control system [PB82-207608] p 27 N83-10033  
 Aviation turbine fuels An assessment of alternatives [NASA-CR-169395] p 60 N83-10214  
 DOD's use of remotely piloted vehicle technology offers opportunities for saving lives and dollars [MASAD-81-20] p 72 N83-10875  
 Development of double-rotor supercharged turbojet engines in the USSR as seen from models R11 to R29 p 43 N83-11050  
 Evaluation of technology assessments and development of evaluation protocols, project report [PB82-197393] p 224 N83-13027  
 Evaluation of technology assessments and development of evaluation protocols [PB82-197385] p 224 N83-13028  
 Recent advances in the performance of high bypass ratio fans [PNR-90120] p 203 N83-13107  
 The strengths and weaknesses of Computational Fluid Mechanics (CFM) in aerodynamic design and analysis Part 1 Background and philosophy p 219 N83-13413  
 Composite structural materials [NASA-CR-169859] p 226 N83-17597  
 Evaluation of three state-of-the-art water-jet systems for cutting/removing concrete [AD-A123579] p 407 N83-24732  
 Current and future technology in radial and axial gas turbines [NASA-TM-83414] p 684 N83-32811  
 Influence of computational fluid dynamics on experimental aerospace facilities A fifteen year projection [NASA-CR-172859] p 691 N83-33911  
 TECHNOLOGY TRANSFER  
 Chinese aviation in the eyes of American experts [AD-A118961] p 128 N83-14063

Proposal and justification for the establishment of an aeronautical systems-target nonnuclear survivability vulnerability information analysis center-SURVIAC [AD-A130414] p 771 N83-37015  
**TECHNOLOGY UTILIZATION**  
 A production engineers view of advanced composite materials p 59 A83-11800  
 A perspective of theoretical and applied computational fluid dynamics p 179 A83-16477  
 [AIAA PAPER 83-0037]  
 New technologies from developments in air transport and space travel [DGLR PAPER 82-074] p 310 A83-24188  
 Electroless nickel applications in aircraft maintenance [SAE PAPER 820609] p 696 A83-45887  
 Technology transfer from the aircraft sector to other sectors as exemplified by helicopter technology p 709 A83-47190  
 The use of ceramics for engines p 757 A83-48636  
 The use of helicopters in Europe Analysis and prospects [MBB-UD-359-82-O] p 207 N83-17533  
 EMC implications of using CFC materials in aircraft manufacture p 552 N83-28093  
 National Aeronautics and Space Administration research and development, including space flight, control and data communications p 573 N83-29134  
**TELECOMMUNICATION**  
 Global telecommunications needs for the long duration balloon environment p 513 A83-39810  
 SITELCOM-82 - Telecommunications and data processing in the air transport industry, Proceedings of the Conference, Monte Carlo, Monaco, March 2-4, 1982 p 670 A83-45076  
 SITA - Advanced telecommunications services --- for air transport industry p 670 A83-45079  
 National Airspace System Plan, facilities, equipment and associated development p 402 N83-24521  
 Computer B (National Airspace System - Automated Radar Terminal Systems) communications support [FAA-PM-83-16] p 407 N83-24742  
**TELEMETRY**  
 Blade vibration measurements on centrifugal compressors by means of telemetry and holographic interferometry [ASME PAPER 83-GT-131] p 740 A83-47959  
 Signal transmission via sliprings and telemetry p 216 N83-12267  
**TELESCOPES**  
 Astropulse A European research aircraft for IR and submillimetre astronomy (the DFLVR proposal) p 369 N83-22049  
**TELEVISION CAMERAS**  
 U.S. Army considers Aquila RPV ready to field p 30 A83-13025  
 Development of a mini RPV - Stableye p 326 A83-28180  
 The status of LLTV for avionic applications p 735 N83-34892  
**TELEVISION SYSTEMS**  
 Target TV projector with dynamic raster shaping for use in dome simulators p 231 A83-22834  
 Imaging sensors for an RPV payload p 610 A83-43721  
 Variable acuity remote viewing system flight demonstration [NASA-CR-170404] p 531 N83-29204  
**TEMPERATURE**  
 Comparison of modern icing cloud instruments [NASA-CR-168008] p 270 N83-18720  
 Climatic laboratory survey Hughes YAH-64 helicopter [AD-A124670] p 440 N83-25698  
**TEMPERATURE CONTROL**  
 Elevated temperature repairs of advanced composite structures p 223 A83-20499  
 Thermal design of integrated avionic racks for aircraft [SAE PAPER 820871] p 263 A83-25770  
 Thermal design of standard avionic enclosures [SAE PAPER 820878] p 256 A83-25772  
 On the synthesis of the optimal control of a certain hydromagnetic process --- with applications in flight vehicle and temperature control p 363 A83-29285  
 Dilution jet experiments in compact combustor configurations p 538 N83-29218  
**TEMPERATURE DEPENDENCE**  
 The effect of loading rates, temperature and moisture on the fracture toughness of polycarbonate p 223 A83-20497  
**TEMPERATURE DISTRIBUTION**  
 Recent aircraft tire thermal studies [SAE PAPER 821392] p 517 A83-37968  
 Results of an experimental study of the thermal state of blades in turbines with partial root cooling p 614 A83-42138



- Investigation of unsteady temperature fields of nonaxisymmetric nozzle inserts p 764 A83-48667
- Results from recent NASA tire thermal studies p 360 N83-21401
- Analytical modeling of operating characteristics of premixing-prevaporizing fuel-air mixing passages p 537 N83-29209
- Dilution jet experiments in compact combustor configurations p 538 N83-29218
- TEMPERATURE EFFECTS**
- The effect of the jet fuel temperature on wear rates during the friction of sliding and rolling p 210 A83-16145
- A study of the response of a turbojet engine to the inlet temperature transients p 448 A83-35849
- Thermal effects on a high altitude airship [AIAA PAPER 83-1984] p 509 A83-38912
- Dimensional stability considerations for cryogenic metals p 291 N83-18759
- Fuel/engine/airframe trade-off study Operational effects of increased freeze point fuels [AD-A12668] p 351 N83-21169
- Airworthiness considerations p 636 N83-30537
- TEMPERATURE INVERSIONS**
- Application of strain gauges and thermocouples to rotating and stationary hardware p 215 N83-12266
- TEMPERATURE MEASUREMENT**
- An auxiliary passive microwave navigation system [ONERA, TP NO 1982-83] p 185 A83-14535
- Possible improvements in meteorology for aircraft navigation p 247 A83-23373
- Temperature and composition measurements in a research gas turbine combustion chamber p 445 A83-35790
- Advanced techniques for gas and metal temperature measurements in gas turbine engines [AIAA PAPER 83-1291] p 444 A83-36325
- CARS temperature and species measurements in augmented jet engine exhausts --- Coherent Anti-Stokes Raman Spectroscopy [AIAA PAPER 83-1294] p 455 A83-36328
- Measurement techniques for heat transfer in the turbine using short duration wind tunnel techniques p 216 N83-12271
- Measurement techniques in turbomachines, ultrathin transducers applied to measurements in turbomachines p 216 N83-12273
- Measured and calculated wall temperatures on air-cooled turbine vanes with boundary layer transition [NASA-TM-83030] p 183 N83-14432
- Cockpit temperatures and cooling requirements of a packed aircraft [ARL-MECH-ENG-NOTE-388] p 205 N83-16327
- Analytical methods with application to the Pathfinder 1 model p 291 N83-18753
- PEANUTS - the PETW data system [MAW-82-009 U] p 402 N83-24519
- Method of studying the operating temperature of gas turbines --- aeroengines [PNR-90159] p 460 N83-26842
- Wellborne inertial navigation system [DE83-004012] p 594 N83-31593
- TEMPERATURE MEASURING INSTRUMENTS**
- A method for ensuring the proper operation of an optical instrument for measuring the temperature of the blades of a high-temperature turbine p 609 A83-42152
- Evaluation of methods for rapid determination of freezing point of aviation fuels [NASA-CR 167981] p 60 N83-10207
- Improving the accuracy of thermocouple temperature measuring circuits --- jet engines [PNR-90148] p 563 N83-29670
- TEMPERATURE PROBES**
- Development of advanced high-temperature heat flux sensors [NASA-CR-165618] p 42 N83-10044
- TEMPERATURE PROFILES**
- Optical observations of unidirectional solidification in microgravity [NASA TP-2110] p 225 N83-16492
- Results from recent NASA tire thermal studies p 360 N83-21401
- Expanded operational capabilities of the Langley Mach 7 Scramjet test facility [NASA-TP-2186] p 754 N83-36039
- TEMPORAL DISTRIBUTION**
- Digital calculation of the propagation in time of the aircraft gust response covariance matrix [VTH-LR-266] p 48 N83-10053
- TENSILE DEFORMATION**
- A quality control test to determine the propensity for Luders lines formation in 2024-T3 p 634 A83-41025
- TENSILE PROPERTIES**
- Integrally cast low-cost compressor [AD-A127663] p 639 N83-31824
- TENSILE STRENGTH**
- The preparation and properties of mesophase pitch-based carbon fibers p 294 A83-23643
- Fracture behavior of hybrid composite laminates [AIAA 83-0804] p 350 A83-29736
- Statistical modeling of ballistic damage and residual strength in composite structures [AIAA 83-1002] p 351 A83-29790
- Effects of extreme aircraft storage and flight environments on graphite/epoxy p 403 A83-33122
- Evaluation of low-cost aluminum composites for aircraft engine structural applications [NASA-TM-83357] p 470 N83-25790
- TENSILE STRESS**
- Interaction of a sunk bolt with parts of a single-shear joint in conditions of radial tension p 557 A83-37517
- A crack growth fatigue life under spectrum loading p 643 A83-43692
- Elastic stresses in the adhesive in single step double lap bonded joints [ESDU-80011] p 699 N83-33190
- TENSILE TESTS**
- The effect of liquid media on the strength of an aluminum-matrix composite p 209 A83-15394
- Construction of a natural environment aging machine with independent energy supply, for load cycles on aircraft structures [SNIAS-831-551 101] p 765 N83-35426
- TENSORS**
- Alternatives for jet engine control [NASA-CR-170100] p 338 N83-20945
- Alternatives for jet engine control [NASA-CR-170233] p 393 N83-23305
- TERCOM**
- Ground tests for obtaining the airworthiness certificate for an automatic terrain-following system [DGLR PAPER 82-040] p 253 A83-24164
- Terrain profile matching for missile guidance p 321 A83-28164
- TERMINAL FACILITIES**
- Instrument Landing Systems /ILS/ at GDR airports II p 253 A83-23495
- TALIS A proposed system for taxiway control --- Taxiway Aircraft Location and Identification System p 513 A83-38934
- Current status of the MLS program p 672 A83-46958
- Coast Terminal Radar Approach Control Facility (TRACON) refurbishment [DOT/FAA/RD-82/38] p 186 N83-12060
- The analysis of integrated fuel efficient, low noise procedures in lax terminal area operations --- (Los Angeles) p 202 N83-17459
- TERMINAL GUIDANCE**
- Radar detection of low level wind shear affecting aircraft terminal navigation p 322 A83-28784
- Classical vs modern control system design for terminal guidance of bank-to-turn intercept missiles [AIAA PAPER 83-2203] p 620 A83-41687
- Mixing 4D equipped and unequipped aircraft in the terminal area [AIAA PAPER 83-2240] p 591 A83-41717
- mm-wave sensors for missile guidance p 724 A83-48773
- Techniques for air traffic planning and handling in the terminal area [DFVLR-MITT-82-04] p 27 N83-10032
- TERMINOLOGY**
- Distributed micro-processor applications to guidance and control systems [AD-A119562] p 236 N83-18295
- TERRAIN**
- Application of output predictive algorithm control to a terrain following aircraft system [AD-A118038] p 27 N83-11105
- Survivability of interdiction aircraft: Sensitivity to terrain following, command altitude, velocity and electronic counter measures [AD-A124870] p 443 N83-26833
- TERRAIN ANALYSIS**
- Airborne electronic terrain map display - An update p 35 A83-11135
- Bootstrap stereo error simulations --- autonomous aerial navigation using terrain images p 25 A83-12895
- Multiple diffraction effects in VHF propagation p 182 A83-18725
- Nonlinear Kalman filtering techniques for terrain-aided navigation p 257 A83-26263
- Application of multiple model estimation to a recursive terrain height correlation system p 257 A83-26264
- Integrated GPS, DLMS, and radar altimeter measurements for improved terrain determination p 324 A83-29212
- Importance of topographic features and tactical annotations on maps used by Army aviators for nap-of-the-earth flight [AD-A118101] p 28 N83-11107
- TERRAIN FOLLOWING AIRCRAFT**
- Terrain following/terrain avoidance for advanced penetrating aircraft p 20 A83-11146
- Sensor snap and narrow field-of-view inset for terrain avoidance flight p 36 A83-11188
- TF/TA by means of integrated FLIR and radar sensors --- terrain following-terrain avoidance displays using forward looking infrared imagery p 36 A83-11240
- Advanced terrain following radar for LANTIRN --- Low Altitude, Navigation, Targeting Infrared at Night p 23 A83-11241
- Advanced automatic terrain following/terrain avoidance control concepts study p 47 A83-11254
- Applications of autopath technology to terrain/obstacle avoidance p 23 A83-11255
- An auxiliary passive microwave navigation system [ONERA, TP NO 1982-83] p 185 A83-14535
- Simulation of a terrain following system p 186 A83-16333
- Ground tests for obtaining the airworthiness certificate for an automatic terrain-following system [DGLR PAPER 82-040] p 253 A83-24164
- Development of terrain-following displays for the tornado aircraft p 680 A83-44687
- Operational criteria for the handling qualities of combat helicopters p 50 N83-10067
- Survivability of interdiction aircraft: Sensitivity to terrain following, command altitude, velocity and electronic counter measures [AD-A124870] p 443 N83-26833
- TEST CHAMBERS**
- The McDonnell Aircraft environmental test laboratory p 172 A83-16931
- Parameters for design of reverberant acoustic chambers for testing air-carried missiles p 73 N83-10235
- TEST EQUIPMENT**
- Multivariable approach to the problem of structural cross coupling of force feedback electrohydraulic actuators --- for structural testing of aircraft and their components p 287 A83-26601
- DC-9 Super 80 Digital Flight Guidance System integrated system testing [SAE PAPER 821364] p 529 A83-37959
- TEST FACILITIES**
- ASTF test instrumentation system detail design --- Aeropropulsion System Test Facility p 54 A83-11059
- A digital flight control system verification laboratory p 55 A83-11178
- A new use for NWC's wind machine - Parachute testing p 207 A83-15309
- The Air Force Flight Test Center Palletized Airborne Water Spray System [AIAA PAPER 83-0030] p 148 A83-16472
- A glimpse into the future of air combat --- via computerized cockpit simulators [AIAA PAPER 83-0143] p 171 A83-16552
- Acoustic capabilities of the German-Dutch wind tunnel DNW [AIAA PAPER 83-0146] p 172 A83-16554
- The role of CFD in aeropropulsion ground testing --- Computational Fluid Dynamics [AIAA PAPER 83-0149] p 172 A83-16557
- Water tunnel construction for continuous mode flow visualization [AIAA PAPER 83-0657] p 172 A83-16821
- 75th anniversary of the establishment of the Aerodynamic Experimental Institute of Goettingen p 127 A83-16896
- The McDonnell Aircraft environmental test laboratory p 172 A83-16931
- NAPC gyroscopic moment test facility p 173 A83-18407
- The transonic wind tunnel Braunschweig of DFVLR p 217 A83-19663
- Compact installation for testing vectored-thrust engines p 218 A83-22158
- A powder-injection shock-tube facility p 290 A83-26132
- A compact inflow control device for simulating flight fan noise [AIAA PAPER 83-0680] p 365 A83-28005
- A cost effective quick-response test station p 398 A83-32927
- Reducing the cost for airborne instrumentation hardware testing p 398 A83-32928
- Canadian forces tracker aircraft full-scale fatigue test at the National Aeronautical Establishment p 433 A83-33548
- NASA low-speed centrifugal compressor for fundamental research [AIAA PAPER 83-1351] p 464 A83-36353

- Large scale aeroengine compressor test facility  
p 630 A83-41534
- Design and experimentation within the Mobility Development Laboratory (MDL) utilizing the Static and Dynamic Test Machines  
p 630 A83-42549
- The technology of adaptive wind-tunnel walls  
p 752 A83-47226
- A unique flight test facility Description and results [NASA-TM-84900]  
p 208 N83-13124
- Multi point excitation ground resonance test facility at British Aerospace Warton [BAE-TN-5411]  
p 209 N83-13128
- Sandia Aircraft Crashfire Facility [DE82-004297]  
p 198 N83-16313
- NTF user operations requirements  
p 291 N83-18750
- Aerodynamic test facility requirements for defence R and D to 2000 and beyond [AD-A122096]  
p 293 N83-19763
- NASA low-speed centrifugal compressor for fundamental research [NASA-TM-83398]  
p 424 N83-25662
- Analysis and specification of slant wind shear [AD-A125883]  
p 479 N83-26367
- A compact inflow control device for simulating flight fan noise [NASA-TM-83349]  
p 482 N83-26643
- Vibration and aeroelastic facility [AD-A126317]  
p 549 N83-29275
- Scaled centrifugal compressor, collector and running gear program [NASA-CR-168167]  
p 617 N83-30432
- The vibration test unit, a unique rail vehicle vibration test facility  
p 632 N83-30774
- Influence of computational fluid dynamics on experimental aerospace facilities A fifteen year projection [NASA-CR-172859]  
p 691 N83-33911
- Expanded operational capabilities of the Langley Mach 7 Scramjet test facility [NASA-TP-2186]  
p 754 N83-36039
- TEST PILOTS**
- Indoctrination of Navy test pilots to vectored thrust flight in the X-22A in-flight simulator [AIAA PAPER 83-1076]  
p 436 A83-36205
- In-flight simulation at the U.S. Air Force and Naval Test Pilot Schools [AIAA PAPER 83-1078]  
p 436 A83-36206
- TEST STANDS**
- A test stand for studying transient phenomena in aerodynamic turbomachine cascades  
p 218 A83-20913
- The research aircraft of the Special Research Area 'Flight Control' as scientific test stand  
p 264 A83-26484
- Evaluation of the productivity of an automated system for the testing of aircraft engines  
p 338 A83-29277
- Determination of the sensitivity of U.S. Air Force aircraft hydraulic system components to particulate contamination  
p 475 A83-36910
- Instrumentation for gas turbines [NLR-MP-81016-U]  
p 203 N83-13106
- Nanosecond resolution of E, H and I in aircraft lightning test rigs  
p 647 N83-31212
- Full-system tests using the Sandia lightning simulator  
p 632 N83-31213
- TEST VEHICLES**
- Random impact vibration testor  
p 66 N83-10234
- TETHERED BALLOONS**
- Dynamics of the STARS aerostat [AIAA PAPER 83-1990]  
p 545 A83-38916
- The stable sensor platform (SSP) tethered balloon series [AIAA PAPER 83-2000]  
p 509 A83-38921
- TETRAGONS**
- The dynamics of spatial linked quadrangle chains  
p 643 A83-42986
- TEXTURES**
- Non-contact, non-destructive airport pavement profile and deflection measurements [FAA-PM-83-14]  
p 400 N83-23325
- TF-34 ENGINE**
- Status report - DARPA/NASA convertible turbofan/turboshaft engine program [ASME PAPER 83-GT-196]  
p 743 A83-48000
- TF-41 ENGINE**
- TF41/Lamilo accelerated mission test  
p 199 A83-15319
- Fuel character effects on the TF41 engine combustion system  
p 391 A83-30190
- A7E/TF41 Engine Monitoring System (EMS) [ASME PAPER 83-GT-91]  
p 739 A83-47938

**THERMAL ABSORPTION**

- Concepts for increased power and enhanced fuel conservation with newly patented multiple power-cycle gas turbine engines [AIAA PAPER 83-1209]  
p 452 A83-36282

**THERMAL CONDUCTIVITY**

- Thermal properties of some asphaltic concrete mixes [AIAA PAPER 83-1598]  
p 399 A83-33361
- NDI of fibre reinforced composite materials  
p 636 N83-30534

**THERMAL CONTROL COATINGS**

- Recent developments in high temperature coatings for gas turbine airfoils  
p 634 A83-42254
- Further industrial tests of ceramic thermal barrier coatings [NASA-TP 2057]  
p 42 N83-10045
- Turbine engine materials durability research  
p 202 N83-12163

**THERMAL CYCLING TESTS**

- Metallurgical instabilities during the high temperature low cycle fatigue of nickel-base superalloys  
p 224 A83-22019
- Effects of extreme aircraft storage and flight environments on graphite/epoxy  
p 403 A83-33122
- Thermal cycling in compact plate fin heat exchangers --- in aircraft gas turbines  
p 445 A83-34253
- Graphite/Larc-160 technology demonstration segment test results [NASA-CR-172123]  
p 637 N83-30539
- Evaluation of ceramics for stator applications Gas turbine engines interim report Stator fabrication and evaluation [NASA-CR-168140]  
p 637 N83-30662

**THERMAL DECOMPOSITION**

- The toxic nature of gases from the thermal decomposition of combustible materials --- in aircraft passenger cabins [RAE TRANS-2082]  
p 553 N83-28118

**THERMAL DEGRADATION**

- Research on aviation fuel instability [NASA-TM 83420]  
p 553 N83-28255

**THERMAL ENERGY**

- Apparatus for improving the fuel efficiency of a gas turbine engine [NASA-CASE LEW-13142-1]  
p 748 N83-36029

**THERMAL EXPANSION**

- Processing composite materials  
p 210 N83-12153
- Development of a non-insulated cryogenic strain-gauge balance [M TP-82-006 U]  
p 402 N83-24520
- Designing for lighter engine transients  
p 540 N83-29243
- Component form and manufacture  
p 635 N83-30529

- Unsymmetric laminated graphite/epoxy composite plate and beam analysis for determining coefficients of thermal expansion [AD A128625]  
p 765 N83-35416

**THERMAL FATIGUE**

- Metallurgical instabilities during the high temperature low cycle fatigue of nickel base superalloys  
p 224 A83-22019
- Sonic fatigue of advanced composite panels in thermal environments  
p 224 A83-22166
- The effect of acoustic-thermal environments on advanced composite fuselage panels [AIAA 83-0955]  
p 357 A83-29857
- A unified approach to turbine blade life prediction [SAE PAPER 821439]  
p 533 A83-37987
- Estimation of the thermal fatigue strength of the blades of full scale gas-turbine engines  
p 613 A83-41596

**THERMAL INSULATION**

- Thermal behavior and insulation of a cryogenic wind tunnel [ONERA, TP NO 1982-89]  
p 173 A83-18427

**THERMAL MAPPING**

- Thermal infrared pushbroom imagery acquisition and processing --- of NASA's Advanced Land Observing System  
p 209 A83-22841
- Bo 105 rotor blade influence on the Calipso FLIR in the mast-mounted observation platform Ophelia  
p 205 A83-23249
- A versatile thermal imager for RPV applications  
p 610 A83-43720
- MIZEX WEST NASA CV 990 flight report [NASA-TM 85020]  
p 409 N83-23670

**THERMAL NOISE**

- Effects of thermal noise and interference due to scatterers on VOR system accuracy  
p 18 A83-11092
- Comparative analysis of a phase and an amplitude processor for amplitude monopulse systems  
p 431 A83-35192

**THERMAL PROTECTION**

- Structural analysis of Shuttle orbiter penetration tiles [AIAA PAPER 83-0914]  
p 406 A83-32788

Repairing gas turbine hot section airfoils today

- [SAE PAPER 821487]  
p 534 A83-38006
- Transient heat-transfer measurement technique in wind tunnel and data analysis technique using system identification theory [AD-A124663]  
p 424 N83-25669
- Air Force technical objective document FY 1984 [AD-A123961]  
p 487 N83-26783
- Silicon-slurry/aluminide coating --- protecting gas turbine engine vanes and blades [NASA-CASE-LEW-13343]  
p 638 N83-31795

**THERMAL RESISTANCE**

- Thermal performance of aircraft polyurethane seat cushions  
p 294 A83-23849
- Nitrogen ceramics in France  
p 757 A83-48310

**THERMAL SHOCK**

- Strain isolated ceramic coatings [ASME PAPER 83-GT-223]  
p 762 A83-48021

**THERMAL SIMULATION**

- New thermal and trajectory model for high-altitude balloons  
p 386 A83-32579

**THERMAL STABILITY**

- High temperature stability of pack aluminide coatings on IN38LC  
p 230 A83-21459
- Graphite/epoxy material characteristics and design techniques for airborne instrument application  
p 225 A83-22595
- Thermal stability of alternative aircraft fuels [AIAA PAPER 83-1143]  
p 470 A83-36243
- Development of lightweight, fire retardant, low smoke, thermally stable, high strength floor paneling Passenger floor panels [NASA-CR-167770]  
p 212 N83-13174
- Experimental study of the thermal stability of hydrocarbon fuels [NASA-CR-168027]  
p 228 N83-17728
- Development of aircraft lavatory compartments with improved fire resistance characteristics Phase 4 Sandwich panel decorative ink development [NASA-CR 166432]  
p 296 N83-18851
- Development of powder metallurgy Al alloys for high temperature aircraft structural applications, phase 2 [NASA-CR-165965]  
p 296 N83-18894

**THERMAL STRESSES**

- Research on the thermomechanical stress in turbine disks under thermal manipulations --- German thesis  
p 337 A83-28667
- Simulation of T-38 aircraft student canopy response to cockpit pressure and thermal loads using MAGMA --- Materially and Geometrically Nonlinear Analysis [AIAA 83-0942]  
p 328 A83-29772
- Residual life prediction for jet engine rotor disks at elevated temperature  
p 472 A83-33974
- Major hot section component salvaged through advanced repair methods [SAE PAPER 821489]  
p 534 A83-38007
- Flutter A finite element program for aerodynamic instability analysis of general shells of revolution with thermal prestress [NASA CR 170013]  
p 288 N83-19756

**THERMOCHEMICAL PROPERTIES**

- Application of thermochemical modeling to aircraft interior polymeric materials [NASA CR-169384]  
p 211 N83-12237

**THERMOCOUPLES**

- Accelerated life tests of aircraft thermocouples  
p 34 A83-10442
- Application of thin film strain gages and thermocouples for measurement on aircraft engine parts [AIAA PAPER 83-1292]  
p 444 A83-36326
- Development of advanced high-temperature heat flux sensors [NASA CR-165618]  
p 42 N83-10044
- Signal transmission via sliprings and telemetry  
p 216 N83-12267
- Early experience in using the Cryogenic Test Facility at RAE Bedford, England  
p 465 N83-25726
- Improving the accuracy of thermocouple temperature measuring circuits --- jet engines [PNR 90148]  
p 563 N83-29670

**THERMODYNAMIC CYCLES**

- Criteria for optimizing starting cycles for high performance fighter engines [AIAA PAPER 83-1127]  
p 450 A83-36236
- Cruise missile propulsion versus commercial airliner propulsion - Different challenges can produce similar engine cycles [AIAA PAPER 83-1176]  
p 451 A83-36261
- Preliminary design engine thermodynamic cycle selection for advanced fighters [AIAA PAPER 83-2480]  
p 745 A83-48343

**THERMODYNAMIC EFFICIENCY**

- The diagnostics of disturbances in components of turbojet engines with gasdynamics parameter monitoring  
p 199 A83-15850

## SUBJECT INDEX

The entropy efficiency of blade machines p 162 A83-16953

New thrusts in engine design p 162 A83-17238

Thermodynamic efficiency of air injection into the radial clearance of the turbine of a turbojet engine p 614 A83-42139

A comparative study of the influence of different means of turbine cooling on gas turbine performance [ASME PAPER 83-GT-180] p 762 A83-47991

**THERMODYNAMIC EQUILIBRIUM**

Structure of evaporating and combusting sprays Measurements and predictions p 538 A83-29211

**THERMODYNAMIC PROPERTIES**

Evaluation of the technical state of aircraft gas-turbine engines from thermodynamic parameters with allowance for the natural scatter of state parameters p 272 A83-23430

Thermal design of standard avionic enclosures [SAE PAPER 820878] p 256 A83-25772

A critical approach to estimating the accumulation of the working medium mass and energy in the gas-air circuit of gas-turbine engines when analyzing transient regimes p 613 A83-42126

Results from recent NASA tire thermal studies p 360 A83-21401

Improvements in the dynamic simulation of gas turbines p 543 A83-29264

**THERMODYNAMICS**

The relationship between the aerodynamics of a combustion chamber and the dynamics of heat release p 273 A83-23446

Aeronautics research and technology program and specific objectives [NASA-TM-85163] p 176 A83-13059

Energy efficient engine sector combustor rig test program [NASA-CR-167913] p 283 A83-19753

Integrally cast low-cost compressor [AD-A127663] p 639 A83-31824

Journal of Engineering Thermophysics (selected articles) [AD-A129455] p 770 A83-36988

**THERMOELECTRIC POWER GENERATION**

Gas turbines for the production of electrical and thermal energy [AD-A126182] p 539 A83-29239

**THERMOELECTRICITY**

Numerical simulation of electrothermal de-icing systems [AIAA PAPER 83-0114] p 428 A83-36043

**THERMOMECHANICAL TREATMENT**

Simplified method for nonlinear structural analysis [NASA-TP-2208] p 703 A83-34372

**THERMOPHYSICAL PROPERTIES**

Journal of Engineering Thermophysics (selected articles) [AD-A129455] p 770 A83-36988

**THERMOPLASTICITY**

Nonlinear structural and life analyses of a combustor liner p 65 A83-12764

Multiaxial cyclic thermoplasticity analysis with Besseling's subvolume method p 703 A83-34356

**THERMOREGULATION**

A mathematical model on the thermal behaviour of an aircraft cabin — Thesis p 676 A83-46691

**THERMOSETTING RESINS**

Cold-setting adhesives for repair purposes using various surface preparation methods p 210 A83-15874

A new high impact resin system for advanced composites with 300 F / 150 C / properties p 222 A83-20429

**THICK FILMS**

Integration produces small Ku-band altimeter p 529 A83-37820

**THICKENERS (MATERIALS)**

Rheological behavior of FM-9 solutions and correlation with flammability test results and interpretations — fuel thickening additive p 691 A83-44856

**THICKNESS**

Further industrial tests of ceramic thermal barrier coatings [NASA-TP-2057] p 42 A83-10045

Adhesive layer thickness and porosity criteria for bonded joints [AD-A129817] p 759 A83-36227

**THICKNESS RATIO**

Wind-tunnel measurements of the chordwise pressure distribution and profile drag of a research airplane model incorporating a 17-percent-thick supercritical wing [NASA-TM-X-2760] p 5 A83-11027

**THIN FILMS**

Study of fan noise sources through thin film pressure transducers p 41 A83-12350

Application of thin film strain gages and thermocouples for measurement on aircraft engine parts [AIAA PAPER 83-1292] p 444 A83-36326

A nonintrusive laser interferometer method for measurement of skin friction p 695 A83-44677

Measurement techniques in turbomachines, ultrathin transducers applied to measurements in turbomachines p 218 A83-12273

A nonintrusive laser interferometer method for measurement of skin friction [NASA-TM-84300] p 217 A83-12393

Fire resistant films for aircraft applications [NASA-TM-84337] p 352 A83-22320

**THIN PLATES**

Analysis of bonded repairs to damaged fibre composite structures p 209 A83-13200

The lateral buckling-fracture stability of thin-sheet structural components with deep cracks p 298 A83-24648

**THIN WALLED SHELLS**

Problems of the statics and dynamics of modern engineering structures - Current status and prospects p 213 A83-14726

**THIN WALLS**

The use of multiple coordinate systems to form stiffness matrices of thin-walled structures on the basis of hybrid computational schemes p 354 A83-29283

**THIN WINGS**

Analytical design of thin-wall wings at the drafting stage p 62 A83-10453

Application of the Carafoli method to the supersonic flow around a cruciform wing p 7 A83-10581

Existence and uniqueness of shock-free transonic flow past symmetrical thin wings at zero incidence p 135 A83-17847

Curved lifting-line theory for thin planar wings p 189 A83-21024

Embedded flow characteristics of sharp-edged rectangular wings p 190 A83-22152

The use of multiple coordinate systems to form stiffness matrices of thin-walled structures on the basis of hybrid computational schemes p 354 A83-29283

Aerodynamic theory for wing with side edge passing subsonically through a gust p 375 A83-32977

A study of the motion of thin-section wings of complex configurations near a solid surface p 375 A83-33005

Improved numerical method for unsteady lifting surfaces in incompressible flow p 422 A83-36917

On the accuracy of calculating the aerodynamic characteristics of thin wings and airfoils by the method of discrete vortices p 493 A83-37519

Aerodynamic characteristics of thin wings in a nonequilibrium hypersonic gas flow p 495 A83-37640

Calculation of three-dimensional transonic flow over thin body (wing) p 662 A83-46499

**THIXOTROPY**

Investigation of slurry fuel performance for use in a ramjet propulsor p 223 A83-21014

**THREAT EVALUATION**

Traffic alert and collision avoidance system logic evaluation Volume 1 Unequipped threat phase [AD-A118256] p 28 A83-11106

Minimum TCAS 2 threat detection and resolution logic status p 145 A83-14089

TCAS 2 threat detection and resolution logic testing p 145 A83-14090

Assessment of survivability against laser threats The ASALT-I computer program [AD-A128472] p 703 A83-34313

**THREE DIMENSIONAL BOUNDARY LAYER**

Evaluation of a surface panel method coupled with several boundary layer analyses [AIAA PAPER 83-0011] p 474 A83-36039

Calculation of three-dimensional turbulent boundary layer on an infinite swept wing p 659 A83-44555

Three-dimensional boundary layers in turbomachines p 697 A83-47021

Three-dimensional boundary-layer calculations in design aerodynamics p 662 A83-47034

A method for calculating the regime of strong viscous interaction on a delta wing p 716 A83-48684

Calculation of damping derivatives for arbitrary 3-dimensional bodies using Newtonian impact theory [NAL-TR-722] p 244 A83-18660

Wall interference in Wind Tunnels [AD-A124122] p 347 A83-20957

**THREE DIMENSIONAL FLOW**

The far field of an airfoil p 7 A83-10573

A half-wing near a wall at high angles of attack in a pulsed flow [AAAF PAPER NT 81-12] p 8 A83-11773

A numerical simulation of three-dimensional transonic flows of compressible perfect fluids around aircraft by use of the finite element and least squares methods [AAAF PAPER NT 81-23] p 64 A83-11779

Some recent applications of high-lift computational methods at Boeing p 178 A83-15313

## THREE DIMENSIONAL FLOW

Three-dimensional Euler equation simulation of propeller-wing interaction in transonic flow [AIAA PAPER 83-0236] p 132 A83-16603

Flow simulations for general nacelle configurations using Euler equations [AIAA PAPER 83-0539] p 134 A83-16775

Investigations on the effects of discrete wingtip jets [AIAA PAPER 83-0546] p 134 A83-16781

A three-dimensional hypersonic gas flow over a slender wing p 135 A83-17412

Three-dimensional Euler solutions for long-duct nacelles [AIAA PAPER 83-0089] p 136 A83-17905

Boundary layer calculations in the inverse mode for incompressible flows over infinite swept wings [AIAA PAPER 83-0454] p 137 A83-19590

Unsteady transonic flow over wings including inviscid/viscous interaction p 190 A83-22132

Analysis of aero-optic interface phenomena p 190 A83-22588

A transonic quasi-3D analysis for gas turbine engines including split-flow capability for turbofans p 190 A83-22647

Three dimensional holographic flow visualization p 299 A83-26420

Aerodynamic optimization theory of A 3-D axial-flow rotor-blading via optimal control p 418 A83-35839

Flow measurements within rotating stall cells in single and multistage axial-flow compressors p 419 A83-35873

Numerical calculations of time dependent three-dimensional viscous flows in a blade passage with tip clearance [AIAA PAPER 83-1171] p 420 A83-36258

Progress toward the analysis of complex propulsion installation flow phenomenon [AIAA PAPER 83-1367] p 421 A83-36363

Three-dimensional compressible viscous analysis of mixer nozzles [AIAA PAPER 83-1401] p 422 A83-36391

Flow over a biconic configuration with an afterbody compression flap - A comparative numerical study [AIAA PAPER 83-1668] p 491 A83-37179

A supersonic velocity field in the region of interference between a wing and a body having a common apex p 495 A83-37802

Calculation of a turbulent boundary layer of an incompressible fluid over swept wings of large aspect ratios p 495 A83-37803

Some recent applications of XTRAN3S — time marching finite difference code for solution of three-dimensional transonic small perturbation flow [AIAA PAPER 83-1811] p 497 A83-38644

Aerodynamic design for improved maneuverability by the use of three-dimensional transonic theory [AIAA PAPER 83-1859] p 521 A83-38686

An experience in mesh generation for three-dimensional calculation of potential flow around a rotating propeller p 501 A83-38798

Numerical generation of composite three dimensional grids by quasilinear elliptic systems p 569 A83-38804

Computational technique for three-dimensional compressible flow past wings at high angles of attack [AIAA PAPER 83-2078] p 578 A83-41912

A grid overlapping scheme for flowfield computations about multicomponent configurations p 581 A83-43443

A nonintrusive laser interferometer method for measurement of skin friction p 695 A83-44677

Finite volume calculation of three-dimensional potential flow around a propeller p 660 A83-45577

Calculation of three-dimensional transonic flow over thin body (wing) p 662 A83-46499

Wind tunnel investigations of some three-dimensional separated turbulent boundary layers p 662 A83-47019

Negative incidence flow over a turbine rotor blade [ASME PAPER 83-GT-23] p 713 A83-47888

A Navier-Stokes analysis of three-dimensional turbulent flows inside turbine blade rows at design and off-design conditions [ASME PAPER 83-GT-40] p 713 A83-47900

Performance evaluation of centrifugal compressor impellers using three-dimensional viscous flow calculations [ASME PAPER 83-GT-62] p 714 A83-47918

The impact of three-dimensional analysis on fan design — for turbine engines [ASME PAPER 83-GT-136] p 740 A83-47863

Three dimensional inviscid computation of an impeller flow [ASME PAPER 83-GT-210] p 714 A83-48011

Chemical equilibrium laminar or turbulent three-dimensional viscous shock-layer flows p 715 A83-48133

- Calculation of potential flow about arbitrary three dimensional wings using internal singularity distributions p 715 A83-48143
- Calculation of three dimensional unsteady transonic flow around rotor blades [MBB-UD-353] p 10 N83-10021
- Evaluation Report: AGARD Fluid Dynamics Panel Symposium on Fluid Dynamics of Jets with Application to V/STOL [AGARD-AR-187] p 67 N83-10403
- Recent experiences with three-dimensional transonic potential flow calculations [NASA-TM-78733] p 12 N83-11072
- Digital simulation of transonic 3-dimensional flows of perfect compressible flows around aircraft by the methods of finite elements and of least squares [PB82-213448] p 33 N83-11122
- An aerodynamic design method for transonic axial flow compressor stage [AD-A118278] p 44 N83-11132
- A noninvasive laser interferometer method for measurement of skin friction [NASA-TM-84300] p 217 N83-12393
- Two-dimensional computation of the flow in helicopter air intakes [PB82-204512] p 194 N83-13093
- A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 2 [NASA-CR-159380] p 191 N83-16289
- A study of the flow around a slotted flap end [BU-279] p 192 N83-16308
- Calculation of 3D unsteady transonic flow around rotor blades p 193 N83-17474
- Introduction to film cooling, three dimensional film cooling, curvature effects and film cooling p 301 N83-18731
- Numerical simulation of transonic flutter of a supercritical wing [NAL-TR-726T] p 288 N83-18743
- Instrumentation requirements for assessing occupant response to three dimensional high acceleration environments p 302 N83-19434
- The phenomenon of dynamic stall p 314 N83-20896
- A method for determining wall-interference corrections in solid-wall tunnels from measurements of static pressure at the walls p 347 N83-20958
- Flow properties of slotted-wall test sections p 347 N83-20983
- Three-dimensional wall corrections for ventilated wind tunnels p 348 N83-20965
- Aeroelastic loads prediction for an arrow wing Task 3 Evaluation of the Boeing three-dimensional leading-edge vortex code [NASA-CR-3642] p 377 N83-24479
- Some recent applications of XTRAN3S [NASA-TM-85641] p 426 N83-26815
- On issues concerning flow separation and vortical flows in 3 dimensions [NASA-TM-84374] p 504 N83-27961
- Experimental and analytical studies of a true airspeed sensor [NASA-CR-165704] p 530 N83-27989
- Analytical calculation of a single jet in cross-flow and comparison with experiment p 538 N83-29219
- Test facility for basic research on distortion p 542 N83-29258
- An experimental study into the scaling of an unswep-sharp-fin-generated shock/turbulent boundary layer interaction [AD-A126919] p 645 N83-30967
- Transonic and subsonic compressors --- three-dimensional flow p 703 N83-34836
- Combined direct/inverse three-dimensional transonic wing design [AD-A128573] p 716 N83-36006
- THREE DIMENSIONAL MOTION**
- Interception in three dimensions - An energy formulation [AIAA PAPER 83-2121] p 597 A83-41946
- Added fluid mass and the equations of motion of a parachute p 715 A83-48145
- Development of a three-dimensional adaptive wall test section with perforated walls p 349 N83-20973
- THRESHOLDS**
- Fatigue threshold and short crack significance for aircraft [NLR-MP-82007-U] p 234 N83-17902
- THROATS**
- Construction and test of flexible walls for the throat of the ILR high-speed wind tunnel [NASA-TM-77005] p 293 N83-18771

**THROTTLING**

- Calculation of the flow rate characteristic of a jet-throttling hydraulic distributor with allowance for the ejection properties of a tube-plate system p 598 A83-42128
- Investigation of F/A-18A engine throttle usage and parametric sensitivities [ASME PAPER 83-GT-64] p 738 A83-47919
- The aerodynamic performance of several flow control devices for internal flow systems [NASA-TP-1972] p 221 N83-17560
- Designing for fighter engine transients p 540 N83-29243
- The criteria used for assessing acceptable engine handling on UK military aircraft p 540 N83-29244
- Handling combat engines The pilots viewpoint --- Mirage 2000 aircraft p 540 N83-29247
- Flight test experience on military aircraft engine handling p 541 N83-29248
- THRUST**
- Aerodynamic performance of a fan stage utilizing variable inlet guide vanes (VIGVs) for thrust modulation --- subsonic V/STOL aircraft [AIAA PAPER 83-1162] p 660 A83-45508
- Subsonic balance and pressure investigation of a 60 deg delta wing with leading edge devices [NASA-CR-165923] p 246 N83-19714
- A simple propulsion system model for the simulation of nonlinear dynamic thrust response [NASA-TM-77053] p 393 N83-23310
- Aerodynamic performance of a fan stage utilizing Variable Inlet Guide Vanes (VIGVs) for thrust modulation --- subsonic V/STOL aircraft [NASA-TM-83438] p 504 N83-27957
- Simplified forms of performance equations [ESDU-80032] p 677 N83-32788
- THRUST AUGMENTATION**
- Progress towards a theory of jet flap thrust recovery [AIAA PAPER 83-0079] p 153 A83-19579
- Theory of resistance interference of airfoil wings and engine exhaust p 188 A83-19667
- Investigation of possible LTA craft application to solve national economy problems p 317 A83-28194
- Preliminary investigation on the performance of regenerative turbofan with inter-cooled compressor and its influence to aircraft p 448 A83-35830
- Entrainment and mixing in thrust augmenting ejectors [AIAA PAPER 83-0172] p 419 A83-36046
- Development of thrust augmentation technology for the Pegasus vectored thrust engine [SAE PAPER 821390] p 532 A83-37966
- Grid generation by elliptic partial differential equations for a tri-element Augmentor-Wing airfoil p 502 A83-38803
- The feasibility of water injection into the turbine coolant to permit gas turbine contingency power for helicopter application [ASME PAPER 83-GT-66] p 536 A83-39993
- Experimental investigation of thrust augmenting ejectors using vane excited primary jets [AD-A120424] p 167 N83-15313
- Proceedings Ejector Workshop for Aerospace Applications [AD-A124264] p 395 N83-24510
- A new approach to reheat control p 543 N83-29268
- THRUST BEARINGS**
- Tapered roller bearings for turbine engines p 641 A83-42559
- THRUST CONTROL**
- Increasing flight safety under shear wind conditions by modifying thrust regulation systems and existing cockpit instrumentation [DGLR PAPER 82-033] p 284 A83-24159
- Axisymmetric nose inlet effects on supersonic airflows p 503 A83-40008
- Complex optimization of engine systems for spacecraft control --- Russian book on low thrust propulsion control p 755 A83-48248
- Aircraft thrust/power management can save defense fuel, reduce engine maintenance costs, and improve readiness [GAO/PLRD-82-74] p 139 N83-14074
- Handling combat engines The pilots viewpoint --- Mirage 2000 aircraft p 540 N83-29247
- Deterioration in service of engine transient behaviour p 542 N83-29256
- A new approach to reheat control p 543 N83-29268
- Aerodynamic ejectors in the UK [BAE-KRS-N-GEN-243] p 607 N83-31594
- THRUST DISTRIBUTION**
- Study of supersonic wings employing the attainable leading-edge thrust concept [NASA-CR-3637] p 180 N83-13073

**THRUST LOADS**

- Power turbine dynamics - An evaluation of a shear-mounted elastomeric damper [ASME PAPER 83-GT-228] p 763 A83-48025
- THRUST MEASUREMENT**
- The MCA method, a flight test technique to determine the thrust of jet aircraft in flight --- Mass Consumption Acceleration p 202 A83-19661
- Extracting the comprehensive characteristics in terms of similar parameters from flight test p 675 A83-44570
- Approximate parametric method for propeller thrust estimation [ESDU-83001] p 664 N83-32769
- THRUST REVERSAL**
- Thrust reversing effects on horizontal tail effectiveness of twin-engine fighter aircraft [AIAA PAPER 83-0088] p 149 A83-16512
- Effects of spanwise blowing and reverse thrust on fighter low-speed aerodynamics p 136 A83-18410
- Thrust reverser exhaust plume reingestion tests for a STOL fighter model [AIAA PAPER 83-1229] p 452 A83-36293
- Results of tests of a rectangular vectored/reversing nozzle on an F100 engine [AIAA PAPER 83-1285] p 454 A83-36322
- Advanced technology exhaust nozzle development [AIAA PAPER 83-1286] p 496 A83-38080
- Thrust reverser effects on the tail surface aerodynamics of an F-18 type configuration [AIAA PAPER 83-1860] p 500 A83-38687
- Exhaust nozzle concepts for STOL tactical aircraft [AIAA PAPER 83-1229] p 523 A83-39102
- Wind tunnel evaluation of tactical aircraft stability and control as affected by nozzle thrust reverser parameter variations [AIAA PAPER 83-1228] p 545 A83-39103
- Experimental investigation of a model of the internal exhaust gas mixer configuration of a turbofan engine in the reverse-thrust mode p 614 A83-42146
- Thrust performance of a variable-geometry, divergent exhaust nozzle on a turbojet engine at altitude [NASA-TP-2171] p 459 N83-26839
- THRUST VECTOR CONTROL**
- Microwave measurements for an attitude reference system design --- thrust vector controlled escape systems p 196 A83-15438
- Trimming high lift for STOL fighters [AIAA PAPER 83-0168] p 168 A83-16566
- Effects of spanwise blowing and reverse thrust on fighter low-speed aerodynamics p 136 A83-18410
- Aircraft maneuver mechanics with turning of the power-plant thrust vector p 216 A83-22076
- Internal performance prediction for advanced exhaust systems --- for tactical aircraft p 211 A83-22156
- Compact installation for testing vectored-thrust engines p 218 A83-22158
- Preliminary report on the engineering development of the Magnus Aerospace Corp LTA 20-1 heavy-lift aircraft p 327 A83-28193
- Vectored thrust afterbody nozzles for future combat aircraft p 448 A83-35859
- Indoctrination of Navy test pilots to vectored thrust flight in the X-22A in-flight simulator [AIAA PAPER 83-1076] p 436 A83-36205
- STOL wind tunnel test results for a tactical supercruiser [AIAA PAPER 83-1224] p 420 A83-36291
- A high speed wind tunnel test evaluation of STOL dedicated advanced exhaust nozzle concepts [AIAA PAPER 83-1225] p 421 A83-36292
- Results of tests of a rectangular vectored/reversing nozzle on an F100 engine [AIAA PAPER 83-1285] p 454 A83-36322
- Definition of vectored nonaxisymmetric nozzle plumes --- for aircraft thrust vector control [AIAA PAPER 83-1290] p 423 A83-36924
- Development of thrust augmentation technology for the Pegasus vectored thrust engine [SAE PAPER 821390] p 532 A83-37966
- Advanced technology exhaust nozzle development [AIAA PAPER 83-1286] p 496 A83-38080
- V/STOL from the propulsion viewpoint (7th Sir Sydney Camm Memorial Lecture) p 535 A83-38869
- Development of the Magnus Aerospace Corporation's rotating-sphere airship [AIAA PAPER 83-2003] p 523 A83-38922
- Vectored exhaust systems for STOL tactical aircraft [ASME PAPER 83-GT-212] p 744 A83-48013
- Performance of a forward swept wing fighter utilizing thrust vectoring [AIAA PAPER 83-2482] p 727 A83-48344
- The use of laterally vectored thrust to counter thrust asymmetry in a tactical jet aircraft [NASA-CR-166047] p 170 N83-15319

## SUBJECT INDEX

- A limited study of thrust vector control with guide vanes and jet rudder  
[FOA-C-20455-E3] p 221 N83-16386
- Aeropropulsive characteristics of twin single-expansion-ramp vectoring nozzles installed with forward-swept wings and canards — transonic tunnel tests  
[NASA-TP-2133] p 316 N83-22161
- Thrust performance of a variable-geometry, divergent exhaust nozzle on a turbojet engine at altitude  
[NASA-TP-2171] p 459 N83-26839
- THRUST-WEIGHT RATIO**  
A range of lightweight engines for RPV's  
p 616 A83-43719
- THUNDERSTORMS**  
Observations of optical lightning emissions from above thunderstorms using U-2 aircraft p 234 A83-22703  
Wind shear detection with a modified airport surveillance radar p 360 A83-27040  
Doppler radar and aircraft measurements of thunderstorm turbulence p 360 A83-27043  
Short-range prediction of mesoscale windfields p 409 A83-30567  
Numerical simulation of the atmosphere during a CAT encounter p 565 A83-38764  
Lightning attachment patterns and flight conditions for storm hazards, 1980 p 139 N83-14077  
RF radiation from lightning correlated with aircraft measurements during storm hazards-82  
[NASA-TM-85007] p 479 N83-27537  
Eighth International Aerospace and Ground Conference on Lightning and Static Electricity: Lightning Technology Roundup  
[FAA-CT-83-25] p 649 N83-31163  
Some results and limitations of Prory analysis of in-flight lightning data p 646 N83-31178  
Conditions conducive to lightning striking an aircraft in a thunderstorm p 588 N83-31236  
NASA's aviation safety - meteorology research programs p 668 N83-33829  
Joint Airport Weather Studies (AWS) project p 704 N83-33840
- TILES**  
Structural analysis of Shuttle orbiter penetration tiles  
[AIAA PAPER 83-0914] p 406 A83-32788
- TILT ROTOR AIRCRAFT**  
Helicopter technology for the 1990s p 192 A83-16372  
Military potential of TiltRotor aircraft p 318 A83-29969  
Stability study of a tilt-rotor aircraft model p 384 A83-31172  
JVX - The world's first production tilt-rotor? p 526 A83-40622
- TILT ROTOR RESEARCH AIRCRAFT PROGRAM**  
Dynamic structural aerostatic stability testing of the XV-15 tilt rotor research aircraft p 216 N83-16349  
The tilt rotor research aircraft (XV-15) program p 268 N83-20833
- TILTING ROTORS**  
The tilt rotor research aircraft (XV-15) program p 268 N83-20833
- TIME**  
Dynamic control of inbound flights for minimum cost operation p 326 N83-22186
- TIME CONSTANT**  
The Shock and Vibration Bulletin Part 3 Analytical methods, dynamic analysis, vehicle systems  
[AD-D432842] p 66 N83-10253
- TIME DEPENDENCE**  
Numerical calculations of time dependent three-dimensional viscous flows in a blade passage with tip clearance  
[AIAA PAPER 83-1171] p 420 A83-36258  
Aerodynamic coefficient identification of time-varying aircraft system and its application p 10 N83-11044  
Preliminary rotor wake measurements with a laser velocimeter  
[NASA-TM-83246] p 301 N83-19018  
Analysis of pilot control strategy  
[NASA-CR-170399] p 344 N83-22212
- TIME DIVISION MULTIPLE ACCESS**  
The development of JTIDS distributed TDMA / DTDMA/ advanced development model /ADM/ terminals — Joint Tactical Information Distribution System p 18 A83-11094
- TIME DIVISION MULTIPLEXING**  
Bus protocols for a digital audio distribution system p 19 A83-11126  
An advanced single-channel NAVSTAR GPS multiplex receiver with up to eight pseudochannels p 324 A83-29213

- Computer B (National Aerospace System - Automated Radar Terminal Systems) communications support  
[FAA-PM-83-16] p 407 N83-24742  
The remote link unit. A demonstration of operational performance, part 1  
[AD-A124619] p 476 N83-25939
- TIME FUNCTIONS**  
Treatment of late time instabilities in finite-difference EMP scattering codes p 180 A83-17532  
The prediction of the noise of supersonic propellers in time domain - New theoretical results  
[AIAA PAPER 83-0743] p 280 A83-25945  
Method of studying the operating temperature of gas turbines — aeroengines  
[PNR-90159] p 460 N83-26842
- TIME LAG**  
Compensation for time delay in flight simulator visual-display systems  
[AIAA PAPER 83-1080] p 464 A83-36222  
Effect of control system delays on fighter flying qualities p 51 N83-10072  
Effect of control system delays on fighter flying qualities p 51 N83-10073  
Airport delay and improvement study John F. Kennedy International Airport and LaGuardia Airport  
[PB82-195884] p 58 N83-11153
- TIME MEASUREMENT**  
Applications of time transfer using Navstar GPS p 673 A83-46964  
Application of additional secondary factors to LORAN-C positions for hydrographic operations  
[AD-A125620] p 514 N83-27972
- TIME OPTIMAL CONTROL**  
Fuel-optimal aircraft trajectories with fixed arrival times p 191 A83-16115  
Maximum endurance and maximum penetration trajectories for horizontal gliding flight  
[AIAA PAPER 83-0283] p 150 A83-16628  
Air traffic flow control systems - Modelling and evaluation p 258 A83-26602  
Microprocessor-based optimal controllers for a helicopter turret control system p 434 A83-35138  
Investigation of time-to-go algorithms for air-to-air missiles p 511 A83-37137  
Development of 4-D time-controlled guidance laws using singular perturbation methodology p 512 A83-37149
- TIME RESPONSE**  
Aircraft power management control system designed for fast response and high reliability p 40 A83-11151
- TIME SERIES ANALYSIS**  
On missiles modelling, simulation and evaluation in presence of noise and multi-source environment p 17 A83-10707  
Optimal design of a baro/radio supported inertial altitude system  
[DGLR PAPER 82-041] p 269 A83-24165
- TIME SIGNALS**  
Timing a LORAN-C chain p 24 A83-12225
- TIP DRIVEN ROTORS**  
A note on the tip noise of rotating blades p 305 A83-23708  
Warm cycle propulsion for the 1990's heavy lift helicopters p 278 A83-24840
- TIP SPEED**  
Parametric study of factors affecting the fuel efficiency of advanced turboprop airplanes  
[AIAA PAPER 83-1823] p 520 A83-38655  
An experience in mesh generation for three-dimensional calculation of potential flow around a rotating propeller p 501 A83-38798  
Velocity coupling: A new concept for hover and axial flow wake analysis and design p 193 N83-17478
- TIP VANES**  
Experience from flight flutter testing with tip vanes on Airbus p 730 A83-49183
- TIRES**  
Tire Modeling  
[NASA-CP-2264] p 359 N83-21391  
Results from recent NASA tire thermal studies p 360 N83-21401
- TITANIUM**  
Adhesive stress-strain properties relative to fatigue life of titanium bonded to graphite reinforced plastic p 294 A83-23616  
Microeconomic models for process development p 472 A83-33650  
Success of dye forging titanium discs on a gunpowder hammer p 60 N83-11053
- TITANIUM ALLOYS**  
Advanced design structural considerations when introducing new materials and construction methods p 328 A83-29394  
Titanium powder metallurgy components for advanced aerospace applications  
[AIAA 83-0982] p 351 A83-29789

## TORSIONAL VIBRATION

- Powder metallurgy of titanium alloys — Book p 403 A83-32599
- New metal technologies in airframe construction p 557 A83-37861
- New developments in aluminum and titanium investment castings p 178 N83-15438  
An evaluation of vacuum centrifuged titanium castings for helicopter components p 178 N83-15439  
Additionally compressed titanium fine cast components p 692 N83-32713  
Superplastic transformation and diffusion welding of titanium alloys p 692 N83-32716
- TITANIUM OXIDES**  
Effect of moisture on adhesively bonded titanium structures p 222 A83-20442
- TOLERANCES (MECHANICS)**  
Damage tolerance and reparability of advanced composite structures p 222 A83-20484  
Damage tolerance assessment of the A-7D aircraft structure p 204 A83-21771  
Improved damage-tolerance analysis methodology  
[AIAA 83-0863] p 355 A83-29751  
Static and damage tolerance tests of an advanced composite vertical fin for L-1011 aircraft  
[AIAA 83-0970] p 328 A83-29780  
Analysis, design, fabrication and testing of an optical tip clearance sensor — turbocompressor blade tips  
[NASA-CR-165265] p 44 N83-11127  
Automated design of damage resistant structures Volume 2 Program user's manual  
[AD-A125732] p 527 N83-27983  
Damage tolerance of fibre composite laminates p 636 N83-30533
- TOMOGRAPHY**  
Ultrasonic tomography for nondestructive evaluation p 63 A83-11505  
JANUS - An aircraft prototype of a low earth orbit split beam stereoscopic observing system — for wind field determination p 355 A83-29696  
X-ray tomography applied to NDE of ceramics  
[ASME PAPER 83-GT-206] p 762 A83-48007  
Computer tomography of flows external to test models  
[NASA-CR-169521] p 221 N83-13835
- TOOLING**  
Plastic tooling for advanced composites p 222 A83-20481  
B-1B manufacturing - Avco modifies prototype processes for production p 491 A83-40333
- TOPOGRAPHY**  
Importance of topographic features and tactical annotations on maps used by Army aviators for nap-of-the-earth flight  
[AD-A118101] p 28 N83-11107  
Application of coding methods in development of symbology for a computer generated topographic display for Army aviators  
[AD-A118142] p 38 N83-11124
- TORQUE**  
Experimental program for the evaluation of turbofan/turboshaft conversion technology  
[NASA-TM-82988] p 44 N83-11130  
Effect of volatility on air-fuel ratio distribution and torque output of a carbureted light aircraft piston engine  
[FAA-CT-82-117] p 393 N83-23308
- TORQUE CONVERTERS**  
Advantage of resonant power conversion in aerospace applications  
[NASA-TM-83399] p 536 N83-27994
- TORQUEMETERS**  
Rotorshaft torquemeter — to increase helicopter performance p 390 A83-30174  
Evaluation of new Iroquois torquemeter PN 73-30-1  
[AD-A117747] p 38 N83-10042  
Strain gauges used for torque measurement in a gas turbine environment  
[PNR-90111] p 68 N83-11484
- TORSION**  
Deflections of inflated cylindrical cantilever beams subjected to bending and torsion p 65 A83-12653  
Loads and performance data from a wind-tunnel test of model articulated helicopter rotors with 2 different blade torsional stiffnesses  
[NASA-TM-84573] p 377 N83-24471
- TORSIONAL STRESS**  
Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight p 433 A83-33506  
Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight p 435 A83-35948  
Influence of overloads and block loading sequences on mode III fatigue crack propagation in A469 rotor steel p 551 A83-39075
- TORSIONAL VIBRATION**  
Comparison of frequency determination techniques for cantilevered plates with bending-torsion coupling  
[AIAA 83-0953] p 358 A83-29885

Vibrational diagnostics of gas-turbine blades p 473 A83-35040

Coupled flap-torsional response of a rotor blade in forward flight due to atmospheric turbulence excitations p 618 A83-41073

Nonsynchronous whirls of the turbine rotor in aerojet engines p 615 A83-43694

The Shock and Vibration Bulletin Part 3 Analytical methods, dynamic analysis, vehicle systems [AD-D432842] p 66 N83-10253

**TORSO**

Centrifuge tests of modifications to the MA-2 aircrewman torso harness, phase 1 [AD-A126416] p 669 N83-33860

**TOTAL ENERGY SYSTEMS**

Vertical flight path and speed control autopilot design using total energy principles [AIAA PAPER 83-2239] p 622 A83-41716

**TOUGHNESS**

Standard tests for toughened resin composites, revised edition [NASA-RP-1092-REV] p 638 N83-31730

**TOWED BODIES**

Impact damping and airplane towing p 428 A83-33625

Flight tests of tow wire forces while flying a racetrack pattern p 439 A83-36919

F-106 tow system (IOT&E) p 193 N83-12074

A study of alternative aircraft for installation of the Navy standard tow target system [AD-A120882] p 267 N83-19742

**TOWERS**

An experimental study of windturbine noise from blade-tower wake interaction [AIAA PAPER 83-0691] p 306 A83-25913

Measurements of an aircraft wake vortex system using a meteorological tower p 565 A83-38751

Lattice structures Part 2 Mean fluid forces on tower-like space frames [ESDU-81028-PT-2-AMEND-A] p 700 N83-33202

**TOWING**

Results from tests, with van-mounted sensor, of magnetic leader cable for aircraft guidance during roll-out and turnoff [NASA-TP-2092] p 209 N83-16338

Aircraft towing feasibility study p 207 N83-17458

**TOXIC HAZARDS**

The survivable aircraft fire p 585 A83-43407

Use of geochemical investigative methods for preliminary hygienic assessment of effect of airports on environment p 349 N83-22972

The toxic nature of gases from the thermal decomposition of combustible materials --- in aircraft passenger cabins [RAE-TRANS-2082] p 553 N83-28118

**TOXICITY**

Environmental quality research Fate of toxic jet fuel components in aquatic systems [AD-A122548] p 351 N83-21168

Modular Airborne Remote Sampling and Sensing System (MARSSS) [DE82-005691] p 410 N83-25226

Sublethal effects of JP-4 on *Lepomis macrochirus* [AD-A128618] p 758 N83-35163

**TRACKING (POSITION)**

Bootstrap stereo error simulations --- autonomous aenal navigation using terrain images p 25 A83-12895

The tracking of ship routes via satellites p 513 A83-38935

LAMPS MK III acoustic target tracker p 609 A83-41533

Flight-test results using nonlinear control with the F-8C digital fly-by-wire aircraft [AIAA PAPER 83-2174] p 619 A83-41669

Integrated task-tailored control augmentation synthesis --- for multi-axis air-to-air tracking [AIAA PAPER 83-2215] p 620 A83-41697

Evaluation of a damage accumulation monitoring system as an individual aircraft tracking concept [AD-A118768] p 193 N83-12076

Lateral flying qualities of highly augmented fighter aircraft, volume 2 [AD-A118071] p 204 N83-12100

Summary of Daimo Victor and Lincoln Laboratory PWI bearing performance p 146 N83-14096

Design of high-performance tracking systems [AD-A119440] p 147 N83-14102

Pursuit rotor tracking performance in conjunction with extended flight operations in a helicopter simulator [AD-A119237] p 293 N83-18772

Ice sheet surface features in southwestern Greenland from satellite radio altimetry [NASA-CR-156887] p 362 N83-22689

Lateral flying qualities of highly augmented fighter aircraft, volume 1 [AD-A118070] p 443 N83-26835

Modeling of the Mode S tracking system in support of aircraft safety research [NASA-CR-166486] p 510 N83-29186

Our first quarter century of achievement Just the beginning [NASA-NEWS-RELEASE-83-132] p 708 N83-34882

**TRACKING FILTERS**

Investigation of constant turn-rate dynamics models in filters for airborne vehicle tracking p 71 A83-11190

Use of aircraft-derived data to assist in ATC tracking systems II - Some practical tracking filters p 24 A83-11557

Application of image understanding to automatic tactical target acquisition p 25 A83-12878

Variable dimension filter for maneuvering target tracking p 189 A83-19033

Designing for stray radiation rejection --- of heat seeking missile components p 268 A83-23536

Nonlinear generalized likelihood ratio algorithms for maneuver detection and estimation p 511 A83-37136

New target models for homing missile guidance [AIAA PAPER 83-2166] p 590 A83-41662

A comparative evaluation of some maneuvering target tracking algorithms [AIAA PAPER 83-2168] p 650 A83-41664

**TRACKING PROBLEM**

Decoupling of high gain multivariable tracking systems [AIAA PAPER 83-0280] p 140 A83-16625

Design of error-actuated controllers for multivariable plants with unknown dynamics and unmeasurable outputs --- for automatic control of industrial processes and gas turbine engines p 163 A83-19385

The construction of augmented tracking regulators for piloting highly maneuverable aircraft [ONERA, TP NO 1982-118] p 284 A83-24329

A discrete tracking control law for nonlinear plants --- applied to F-8 aircraft stall recovery p 286 A83-26503

Old problem/new solutions - Motion cuing algorithms revisited [AIAA PAPER 83-1082] p 480 A83-36223

Designing improved tracking regulators for piloting highly maneuverable aircraft --- fighter aircraft p 342 N83-22095

**TRACKING RADAR**

Solid state, 95 GHz tracking radar system p 24 A83-11918

Airborne radar tracking system based on optimal filtering theory p 592 A83-43696

Semi-active radar guidance p 723 A83-48771

**TRACTION**

Advanced Power Transmission Technology [NASA-CP-2210] p 302 N83-20119

Advances in traction drive technology [NASA-TM-83397] p 561 N83-28455

**TRADEOFFS**

A practical economic criterion for fuel conservation p 239 N83-17468

**TRAFFIC CONTROL**

FAA national airspace system plan [GPO-94-438] p 346 N83-20953

The flow of air-passenger traffic in the Federal Republic of Germany with emphasis on airports and their hinterland [GEOGRAPHISCHE-SCHRIFTEN-18] p 380 N83-23283

**TRAILING EDGES**

Optical sensor for measurement of position and deformations of models in wind tunnel p 64 A83-12347

Experimental evaluation of shockless supercritical airfoils in cascade [AIAA PAPER 83-0003] p 129 A83-16455

The performance of a circulation control airfoil at transonic speeds [AIAA PAPER 83-0083] p 130 A83-16510

Development of advanced circulation control wing high lift airfoils [AIAA PAPER 83-1847] p 499 A83-38675

The two-dimensional laminar wake with initial asymmetry p 581 A83-43454

Effects of wing trailing-edge truncation on aerodynamic characteristics of a NASA supercritical-wing research airplane model [NASA-TM-X-3024] p 4 N83-11021

Measurements in the wake of an infinite swept airfoil [NASA-CR-169464] p 13 N83-11086

Critical review of the trailing edge condition in steady and unsteady flow Blade flutter in compressors and fans Numerical simulation of the aerodynamic loading [NASA-CR-169705] p 137 N83-15264

Pumped vortex [NASA-CASE-LAR-12615-1] p 246 N83-19715

Linearized two-dimensional oscillatory airforce coefficients and load distributions on thin aerofolds in subsonic flow [ESDU-81034] p 664 N83-32761

Free wake aerodynamic analysis of helicopter rotors [AD-A129710] p 718 N83-36007

**TRAILING-EDGE FLAPS**

Circulation controlled STOL wing optimization [AIAA PAPER 83-0082] p 130 A83-16509

On the transonic aerodynamic characteristics of 10 percent thick airfoils with a plain flap [AIAA PAPER 83-0091] p 130 A83-16515

The effect of backlash and trailing-edge strips on the flutter speed of a two-dimensional model of a tailplane with tab p 151 A83-18068

Experimental wing and canard jet-flap aerodynamics [AIAA PAPER 83-0081] p 715 A83-48211

Wind tunnel tests of a free-wing/free-trimmer model [NASA-CR-170394] p 137 N83-15263

Variable camber rotor study [NASA-CR-166382] p 266 N83-19740

The use of panel methods for the evaluation of subsonic wall interference p 347 N83-20959

Effect of trailing-edge flaps on rolling moment derivative due to sideslip, (L sub V) sub F [ESDU-80034] p 663 N83-32752

Effect of trailing-edge flaps on sideforce and yawing moment derivatives due to sideslip, (Y sub V) sub f and (N sub V) sub f Amendment A [ESDU-81013-AMEND-A] p 663 N83-32755

Aircraft forces due to interference between a jet efflux and a slotted flap --- jet impingement on wings for lift augmentation [ESDU-82034] p 664 N83-32768

**TRAINING AIRCRAFT**

Computational wing design for an advanced trainer [AIAA PAPER 83-0093] p 149 A83-16517

NGT - The Next Generation Trainer p 203 A83-20599

The application of a sub-scale flight demonstrator as a cost effective approach to aircraft development p 328 A83-29395

The corkscrew phenomenon on the prototype of the Epsilon --- training aircraft for French airforce [AAAF PAPER NT-82-15] p 396 A83-33166

NGT sub-scale flight demonstrator - A cost-effective approach to aircraft development --- Next Generation Trainer [SAE PAPER 821341] p 517 A83-37952

Designed to be stalled --- T-46A training aircraft p 676 A83-46349

An example of longitudinal and transversal oscillation coupling The Epsilon aircraft cork screw p 51 N83-10074

A UK NATS view of the air traffic management requirements in the next decade p 325 N83-22178

Lightning interaction with USAF aircraft p 587 N83-31214

**TRAINING ANALYSIS**

Research Issues in the Determination of Simulator Fidelity Proceedings of the ARI sponsored Workshop [AD-A118253] p 208 N83-12106

A prototype model for the development of training systems and the acquisition of aircrew training devices for developing weapon systems [AD-A123041] p 401 N83-23331

Greater benefits to be gained from DoD flight simulators [AD-A123713] p 466 N83-25731

**TRAINING DEVICES**

A prototype model for the development of training systems and the acquisition of aircrew training devices for developing weapon systems [AD-A123041] p 401 N83-23331

Relative cost and training effectiveness of the 6883 F-111 converter/flight control system simulators as compared to actual equipment [AD-A123534] p 402 N83-24523

Unmanned vehicle systems experiences at the Dryden Flight Research Facility --- remotely piloted vehicles [NASA-TM-84913] p 526 N83-27978

**TRAINING EVALUATION**

Improved g-cueing system --- for motion simulation in combat pilot training simulators p 53 A83-10178

Relative cost and training effectiveness of the 6883 F-111 converter/flight control system simulators as compared to actual equipment [AD-A123534] p 402 N83-24523

Simulator design features for carrier landing Part 2 In-simulator transfer of training [AD-A124024] p 466 N83-25733

**TRAINING SIMULATORS**

Improved g-cueing system --- for motion simulation in combat pilot training simulators p 53 A83-10178

Conflict of interest wind modeling in aircraft response study p 189 A83-13158



- Flight simulation - Avionic systems and aero medical aspects, Proceedings of the International Conference, London, England, April 6, 7, 1982 p 175 A83-16326
- Simple CIG - An approach to visual simulation for procedure training - Computer Image Generation p 207 A83-16335
- AOI displays in simulation - Area Of Interest p 197 A83-16337
- Improving the data base generation process for flight simulator data bases [AIAA PAPER 83-0138] p 171 A83-16547
- Calligraphic/raster color display for simulation p 231 A83-22832
- Two years of training with the first true three-dimensional simulator p 218 A83-22833
- Target TV projector with dynamic raster shaping for use in dome simulators p 231 A83-22834
- Pilot task profiles, human factors, and image realism p 219 A83-22836
- Simulation which simulates less p 548 A83-40619
- Development of terrain-following displays for the tornado aircraft p 680 A83-44687
- Relative cost and training effectiveness of the 6883 F-111 converter/flight control system simulators as compared to actual equipment p 402 A83-24523
- [AD-A123534] p 402 A83-24523
- Greater benefits to be gained from DoD flight simulators [AD-A123713] p 466 A83-25731
- TRAJECTORIES**
- A Kalman filter algorithm for terminal-area navigation with sensors of moderate accuracy p 670 A83-45460
- Methods for generating aircraft trajectories [AD-A122386] p 331 A83-20936
- Development and evaluation of a Kalman-filter algorithm for terminal area navigation using sensors of moderate accuracy [NASA-TP-2035] p 515 A83-29193
- TRAJECTORY ANALYSIS**
- A similarity analysis of the droplet trajectory equation p 212 A83-13133
- A nonlinear smoothing procedure for the reconstruction of flight trajectories on the basis of radar data p 185 A83-14494
- Effective aerodynamic parameter evaluation from free flight tests p 203 A83-21005
- Estimation and prediction for maneuvering target trajectories p 257 A83-26261
- New thermal and trajectory model for high-altitude balloons p 386 A83-32579
- Aircraft trajectories for reduced noise impact p 667 A83-43971
- Methods for generating aircraft trajectories [AD-A122386] p 331 A83-20936
- Predicted and flight test results of the performance and stability and control of the space shuttle from reentry to landing p 634 A83-30360
- TRAJECTORY CONTROL**
- Experience with flight test trajectory guidance p 675 A83-45470
- Flight test trajectory control analysis [NASA-CR-170395] p 288 A83-18744
- TRAJECTORY MEASUREMENT**
- Study of an on-board trajectory system for in-flight checking of air-navigation and landing radio aids p 255 A83-24860
- FOD hazard from tire-lofted debris - Foreign Object Damage p 585 A83-42557
- Improvement of a captive trajectory system by using optical distance sensors - store separation from aircraft [ONERA, TP NO 1983-115] p 753 A83-49426
- Planning fuel-conservative descents with or without time constraints using a small programmable calculator
- Algorithm development and flight test results [NASA-TP-2085] p 210 A83-17535
- TRAJECTORY OPTIMIZATION**
- Minimum-time 180 deg turns of aircraft p 45 A83-10250
- Advanced automatic terrain following/terrain avoidance control concepts study p 47 A83-11254
- Applications of autopath technology to terrain/obstacle avoidance p 23 A83-11255
- Fuel-optimal aircraft trajectories with fixed arrival times p 191 A83-16115
- Maximum endurance and maximum penetration trajectories for horizontal gliding flight [AIAA PAPER 83-0283] p 150 A83-16628
- Automation of on-board flightpath management p 215 A83-21002
- Altitude transitions in energy climbs p 287 A83-26604
- Estimation enhancement by trajectory modulation for homing missiles p 511 A83-37135
- Flight software for optimal trajectories in transport aircraft [AIAA PAPER 83-2241] p 591 A83-41718
- Interception in three dimensions - An energy formulation [AIAA PAPER 83-2121] p 597 A83-41946
- Separation of time scales in aircraft trajectory optimization [AIAA PAPER 83-2136] p 597 A83-41958
- Optimal short range trajectories for helicopters [AIAA PAPER 83-2140] p 598 A83-41962
- TRANSDUCERS**
- Measurement techniques in turbomachines, ultrathin transducers applied to measurements in turbomachines p 216 A83-12273
- Transducer selection - for F29 transport aircraft [NLR-MP-81028-U] p 198 A83-13099
- TRANSFER FUNCTIONS**
- System identification and aircraft flutter p 215 A83-15546
- Excessive roll damping can cause roll ratchet p 395 A83-30171
- The definition of short-period flying qualities characteristics via equivalent systems p 395 A83-32578
- The lateral response of an airship to turbulence [AIAA PAPER 83-1989] p 502 A83-38915
- Modelling of direct-strike lightning coupling by a transfer function technique p 612 A83-31177
- TRANSFER OF TRAINING**
- Simulator design features for carrier landing Part 2
- In-simulator transfer of training [AD-A124024] p 466 A83-25733
- TRANSFORMATIONS (MATHEMATICS)**
- A numerical transformation solution procedure for closely coupled canard-wing transonic flows [AIAA PAPER 83-0502] p 137 A83-19591
- Flutter of orthotropic panels in supersonic flow using affine transformations p 228 A83-19821
- Recursive relationships for body axis rotation rates p 570 A83-37074
- Some characteristic quantities of Karman-Trefftz profiles [NASA-TM-77013] p 314 A83-20915
- TRANSIENT HEATING**
- Transient heat flow along uni-directional fibers in composites [AD-A122926] p 471 A83-26929
- TRANSIENT LOADS**
- Impact damping and airplane towing p 428 A83-33625
- TRANSIENT OSCILLATIONS**
- Study on longitudinal dynamic characteristics of pilot-airplane system - Approach to the method for studying PIO problem - Pilot-Induced Oscillation p 287 A83-26762
- TRANSIENT RESPONSE**
- A test stand for studying transient phenomena in aerodynamic turbomachine cascades p 218 A83-20913
- Transient performance of permanent magnet synchronous motors p 353 A83-27189
- Transient response of taxiing aircraft [AIAA 83-0927] p 329 A83-29853
- The transient performance of turbojet engines and axial compressors p 447 A83-35847
- Transient blade response due to surge induced structural loads [SAE PAPER 821438] p 533 A83-37986
- Blade loss transient dynamic analysis of turbomachinery p 612 A83-40864
- A critical approach to estimating the accumulation of the working medium mass and energy in the gas-air circuit of gas-turbine engines when analyzing transient regimes p 613 A83-42126
- Theoretical gust response prediction of a Joukowski airfoil p 580 A83-42536
- The Shock and Vibration Bulletin Part 3 Analytical methods, dynamic analysis, vehicle systems [AD-D432842] p 66 A83-10253
- Electromagnetic test-facility characterization An identification approach [DE83-004274] p 360 A83-22498
- Some general topics in the field of engine handling p 540 A83-29242
- Designing for fighter engine transients p 540 A83-29243
- The criteria used for assessing acceptable engine handling on UK military aircraft p 540 A83-29244
- The TOPSY guide Transient tunnel operating, data acquisition and processing system User's and programmer's guides [OUEL-1462/83] p 632 A83-31610
- TRANSISTORS**
- Avionics analysed IV - Aircraft grey matter p 670 A83-44494
- TRANSITION FLOW**
- Stability experiments in rotating-disk flow [AIAA PAPER 83-1760] p 555 A83-37232
- TRANSMISSION**
- Large rotorcraft transmission technology development program [NASA-CR-168120] p 332 A83-22188
- TRANSMISSION EFFICIENCY**
- Weather radar radomes and their maintenance p 3 A83-12658
- A novel precise method of measuring the efficiency of arbitrary low-gain antennas p 181 A83-18643
- Probabilistic estimation of the efficiency of radio systems in the presence of interference p 405 A83-30731
- Low-sidelobe radar antennas p 639 A83-40757
- An overview of airborne optical communications p 592 A83-42574
- Wide-beam atmospheric optical communication for aircraft application using semiconductor diodes p 669 A83-44159
- TRANSMISSION LINES**
- Laser and millimeter-wave backscatter of transmission cables p 199 A83-22523
- Modelling of direct-strike lightning coupling by a transfer function technique p 612 A83-31177
- Service life evaluation of rigid explosive transfer lines [NASA-TP-2143] p 608 A83-31596
- TRANSMISSION LOSS**
- Theoretical and experimental evaluation of transmission loss of cylinders - as idealized aircraft fuselages p 237 A83-19808
- Noise transmission characteristics of advanced composite structural materials [AIAA PAPER 83-0694] p 306 A83-25915
- Noise transmission through sidewall treatments applicable to twin-engine turboprop aircraft [AIAA PAPER 83-0695] p 306 A83-25916
- Direct measurement of transmission loss of aircraft structures using the acoustic intensity approach p 327 A83-28185
- Infrared fiber early warning receiver p 682 A83-46640
- Characteristics of the transmission loss apparatus at NASA Langley Research Center [NASA-CR-172153] p 572 A83-30165
- TRANSMISSIONS (MACHINE ELEMENTS)**
- Reliability model for planetary gear trains [ASME PAPER 82-DET-81] p 65 A83-12777
- Advances in high-speed rolling-element bearings - for aircraft engine and transmission application p 231 A83-22319
- Developments in the design, analysis, and fabrication of advanced technology transmission elements p 298 A83-24832
- Report on advanced transmission system integration tests - of Blackhawk helicopters p 298 A83-24833
- Design of an advanced 500-hp helicopter transmission p 277 A83-24834
- Rotorshaft torque-meter - to increase helicopter performance p 390 A83-30174
- In-flight computation of helicopter transmission fatigue life expenditure p 439 A83-36921
- Life and reliability models for helicopter transmissions [NASA-TM-82976] p 67 A83-10425
- Lubricant effects on efficiency of a helicopter transmission p 185 A83-15523
- Advanced Power Transmission Technology [NASA-CP-2210] p 302 A83-20119
- NASA helicopter transmission system technology program p 302 A83-20120
- An overview of advancements in helicopter transmission design p 302 A83-20124
- Design of an advanced 500-hp helicopter transmission p 303 A83-20125
- NASA transmission research and its probable effects on helicopter transmission design [NASA-TM-83389] p 408 A83-24858
- Advances in traction drive technology [NASA-TM-83397] p 561 A83-28455
- Advanced Gas Turbine (AGT) powertrain system development for automotive applications [NASA-CR-167901] p 708 A83-33800
- TRANSMITTER RECEIVERS**
- An advanced single-channel NAVSTAR GPS multiplex receiver with up to eight pseudochannels p 324 A83-29213
- TRANSONIC COMPRESSORS**
- Experimental study of a high-through-flow transonic axial compressor stage p 419 A83-35853
- Shock wave boundary layer interaction in compressor cascades p 43 A83-11041
- Transonic and subsonic compressors - three-dimensional flow p 703 A83-34836
- TRANSONIC FLIGHT**
- Design of transonic shock free airfoil p 660 A83-44572

- Model aerodynamic test results for a refined actuated inlet ejector nozzle at simulated takeoff and cruise conditions  
[NASA-CR-168051] p 426 N83-26816
- Transonic interference effects in testing of oscillating airfoils p 662 N83-32746
- ### TRANSONIC FLOW
- Comparison of computational and experimental jet effects p 7 A83-10185
- Wind-tunnel measurements of wing-buffet boundaries at subsonic and transonic speeds p 7 A83-10440
- A numerical simulation of three-dimensional transonic flows of compressible perfect fluids around aircraft by use of the finite element and least squares methods  
[AAAF PAPER NT 81-23] p 64 A83-11779
- Calculation method for transonic separated flows over airfoils including spoiler effects p 177 A83-14526
- [ONERA, TP NO 1982-66] p 177 A83-14526
- Explicit and implicit corrected viscosity schemes for the computation of steady transonic flows p 177 A83-14606
- A fast algorithm for the calculation of transonic flow over wing/body combinations p 178 A83-15283
- Nonlinear aerodynamic modeling of flap oscillations in transonic flow - A numerical validation  
[AIAA PAPER 81-0073] p 178 A83-15290
- Relaxation computation of transonic flows around wings with blunt leading-edge and discussion on its stability and convergence p 178 A83-15543
- Experimental evaluation of shockless supercritical airfoils in cascade p 129 A83-16455
- [AIAA PAPER 83-0003] p 129 A83-16455
- On the transonic aerodynamic characteristics of 10 percent thick airfoils with a plan flap  
[AIAA PAPER 83-0091] p 130 A83-16515
- A multigrid method for the Euler equations  
[AIAA PAPER 83-0124] p 131 A83-16537
- A transonic analysis of propfan slipstream effect on a supercritical wing  
[AIAA PAPER 83-0186] p 132 A83-16577
- Three-dimensional Euler equation simulation of propeller-wing interaction in transonic flow  
[AIAA PAPER 83-0236] p 132 A83-16603
- A multi-grid method for transonic wing analysis and design  
[AIAA PAPER 83-0262] p 133 A83-16618
- Transonic wing-body calculations using Euler equations p 135 A83-16828
- [AIAA PAPER 83-0501] p 135 A83-16828
- Existence and uniqueness of shock-free transonic flow past symmetrical thin wings at zero incidence p 135 A83-17847
- Three-dimensional Euler solutions for long-duct nacelles  
[AIAA PAPER 83-0089] p 136 A83-17905
- Finite-volume solutions to the Euler equations in transonic flow  
[AIAA PAPER 81-1265] p 136 A83-18405
- Transonic flow simulation of prop-fan configurations  
[AIAA PAPER 83-0187] p 137 A83-19582
- A numerical transformation solution procedure for closely coupled canard-wing transonic flows  
[AIAA PAPER 83-0502] p 137 A83-19591
- Unsteady transonic flow over wings including inviscid/viscous interaction p 190 A83-22132
- A transonic quasi-3D analysis for gas turbine engines including split-flow capability for turbofans p 190 A83-22647
- Modifying a general aviation airfoil for supercritical flight p 243 A83-24039
- Finite difference modeling of rotor flows including wake effects  
[ONERA, TP NO 1982-114] p 243 A83-24326
- Current studies at Calspan utilizing short-duration flow techniques p 290 A83-26128
- Three dimensional holographic flow visualization p 299 A83-26420
- Computational treatment of three-dimensional transonic canard-wing interactions p 312 A83-29021
- Effects of viscosity on transonic-aerodynamic and aeroelastic characteristics of oscillating airfoils  
[AIAA 83-0888] p 312 A83-29835
- Transonic pressure distributions on a rectangular supercritical wing oscillating in pitch  
[AIAA 83-0923] p 313 A83-29849
- Airfoil shape and thickness effects on transonic airloads and flutter  
[AIAA 83-0959] p 329 A83-29860
- On measuring transonic dips in the flutter boundaries of a supercritical wing in the wind tunnel  
[AIAA 83-1031] p 331 A83-29878
- Computational fluid dynamics of airfoils and wings p 313 A83-29927
- Experiment of a shockless transonic airfoil partially modified from an arbitrary airfoil p 374 A83-32514
- An axisymmetric nacelle and turboprop inlet analysis including power simulation p 375 A83-32584
- A three degree-of-freedom, typical section flutter analysis using harmonic transonic air forces  
[AIAA PAPER 83-0960] p 406 A83-32797
- A more accurate transonic computational method for wing-body configurations p 375 A83-32982
- An experimental study of the turbulent boundary layer on a transport wing in transonic flow  
[AIAA PAPER 83-1687] p 492 A83-37188
- Finite-difference simulation of transonic separated flow using a full potential boundary layer interaction approach  
[AIAA PAPER 83-1689] p 555 A83-37189
- Contouring tunnel walls to achieve free-air flow over a transonic swept wing  
[AIAA PAPER 83-1725] p 492 A83-37211
- The effect of slot suction on the aerodynamic characteristics of an airfoil at transonic velocities p 494 A83-37552
- Convair 990 transonic flow-field simulation about the forward fuselage  
[AIAA PAPER 83-1785] p 496 A83-38626
- Design and true Reynolds number 2-D testing of an advanced technology airfoil  
[AIAA PAPER 83-1792] p 496 A83-38632
- Viscous effects on the swept wing in transonic flow  
[AIAA PAPER 83-1804] p 497 A83-38638
- An extension of a transonic wing/body code to include underwing pylon/nacelle effects  
[AIAA PAPER 83-1805] p 497 A83-38639
- Some recent applications of XTRAN3S --- time marching finite difference code for solution of three-dimensional transonic small perturbation flow  
[AIAA PAPER 83-1811] p 497 A83-38644
- An assessment of PANDORA using a Canard/Wing/Body configuration --- Preliminary Automated Numerical Design of Realistic Aircraft  
[AIAA PAPER 83-1850] p 500 A83-38678
- Computational analysis for an advanced transport configuration with engine nacelle  
[AIAA PAPER 83-1851] p 521 A83-38679
- Computation of transonic flow field over Wing-Body-Pylon-Store combinations  
[AIAA PAPER 83-1852] p 500 A83-38680
- Improved method for transonic airfoil design-by-optimization  
[AIAA PAPER 83-1864] p 501 A83-38691
- Computational aerodynamic design methodology  
[AIAA PAPER 83-1865] p 501 A83-38692
- Interactions of airfoils with gusts and concentrated vortices in unsteady transonic flow  
[AIAA PAPER 83-1891] p 502 A83-39267
- Transonic Euler simulations by means of finite element explicit schemes  
[AIAA PAPER 83-1924] p 503 A83-39378
- Inviscid drag calculations for transonic flows  
[AIAA PAPER 83-1928] p 503 A83-39380
- Solution of the Euler equations for complex configurations  
[AIAA PAPER 83-1929] p 503 A83-39381
- The calculation of two-dimensional transonic flow over aeroflows including boundary layer and wake effects  
[SAE PAPER 830708] p 580 A83-43318
- A grid overlapping scheme for flowfield computations about multicomponent configurations p 581 A83-43443
- An implicit lambda scheme --- for transonic inviscid flow simulation p 660 A83-45581
- Engine power simulation for transonic flow-through nacelles p 660 A83-45594
- Calculation of three-dimensional transonic flow over thin body (wing) p 662 A83-46499
- Subsonic and transonic propeller noise  
[ONERA, TP NO 1983-78] p 769 A83-48191
- Transonic effects on helicopter rotor blades p 716 A83-49178
- Calculation of three dimensional unsteady transonic flow around rotor blades p 10 N83-10021
- [MBB-UD-353] p 10 N83-10021
- Recent experiences with three-dimensional transonic potential flow calculations  
[NASA-TM-78733] p 12 N83-11072
- Aerodynamic characteristics of 10 percent thick NASA supercritical airfoils with different aft camber  
[NASA-TM-X-72007] p 12 N83-11078
- Digital simulation of transonic 3-dimensional flows of perfect compressible flows around aircraft by the methods of finite elements and of least squares  
[PB82-213448] p 33 N83-11122
- An aerodynamic design method for transonic axial flow compressor stage  
[AD-A118278] p 44 N83-11132
- Applied computational transonic aerodynamics  
[AD-A121012] p 137 N83-14064
- Finite difference calculation of an inviscid transonic flow over oscillating airfoils  
[RAE-TRANS-2087] p 191 N83-16292
- Calculation of 3D unsteady transonic flow around rotor blades p 193 N83-17474
- Transonic effects on helicopter rotor blades  
[MBB-349-81-O-E] p 195 N83-17520
- Numerical simulation of transonic flutter of a supercritical wing  
[NAL-TR-726T] p 288 N83-18743
- Journal of Engineering Thermophysics (selected articles) p 301 N83-18953
- Computational treatment of transonic canard-wing interactions  
[AD-A122037] p 246 N83-19718
- [AD-A121662] p 246 N83-19718
- Transonic and nonlinear flow research p 246 N83-19719
- [AD-A121477] p 246 N83-19719
- Introductory survey of aeroelastic problems in separated and transonic flow p 313 N83-20895
- The phenomenon of dynamic stall p 314 N83-20896
- Dynamic response of aircraft with fluctuating flow fields p 341 N83-20897
- Some remarks on buffeting p 341 N83-20899
- Unsteady aerodynamic and aeroelastic properties on control surfaces in transonic flow p 314 N83-20902
- Comparison of computed and measured unsteady pressure fields of a supercritical wing p 314 N83-20903
- Aeroelastic problems of wings in transonic flow p 314 N83-20904
- Wind tunnel wall interference in unsteady transonic testing p 346 N83-20905
- Unsteady airloads on oscillating wings in post-stall condition p 314 N83-20906
- Survey of transonic flow research in China  
[AD-A122788] p 315 N83-20923
- Reynolds number effects on transonic shock location p 347 N83-20961
- Two-dimensional transonic testing method p 347 N83-20962
- Flow properties of slotted-wall test sections p 347 N83-20963
- Recent Transonic Flutter Investigation for Wings and External Stores  
[AD-A128162] p 345 N83-22215
- Flutter investigations in the transonic flow regime for a fighter type aircraft p 345 N83-22217
- Calculation of transonic potential flow around a wing-body-tail combination  
[AD-A124247] p 378 N83-24482
- Finite difference calculation of an inviscid transonic flow over oscillating airfoils  
[AD-A123982] p 426 N83-25677
- Some recent applications of XTRAN3S  
[NASA-TM-85641] p 426 N83-26815
- Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison between wind tunnel and flight results for aerodynamic performance p 603 N83-30361
- Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison of the wing pressure distribution and local wake survey from analytical, wind tunnel and flight results p 603 N83-30362
- Comparison of prediction, wind tunnel and flight test data for the Canadair Challenger turbofan aircraft p 604 N83-30365
- Subsonic-transonic stall flutter study  
[NASA-CR-165256] p 629 N83-30435
- Improved method for transonic airfoil design-by-optimization  
[NASA-CR-166497] p 583 N83-31578
- New considerations on scale extrapolation of wing pressure distributions affected by transonic shock-induced separations  
[NASA-CR-166426] p 608 N83-31597
- An experimental study of transonic flow about a supercritical airfoil Static pressure and drag data obtained from tests of a supercritical airfoil and an NACA 0012 airfoil at transonic speeds, supplement  
[NASA-TM-81336-SUPPL] p 666 N83-33846
- A holographic interferometry technique for measuring transonic flow near a rotor blade  
[NASA-TM-84405] p 702 N83-34278
- Correlation of experimental and quasi-3D theoretical airloads on the oscillating LANN supercritical wing model  
[AD-A130550] p 718 N83-36002
- Combined direct/inverse three-dimensional transonic wing design  
[AD-A129573] p 718 N83-36006
- Flow problems in turbomachines  
[AD-A128675] p 749 N83-36032
- ### TRANSONIC FLUTTER
- Prediction of transonic flutter for a supercritical wing by modified strip analysis p 62 A83-10190

- Aerodynamic characteristics of a slotted vs smooth-skin supercritical wing model p 178 A83-15324
- Some experimental investigations on transonic flutter characteristics of thin plate wing models with sweptback and tapered tips p 150 A83-16926
- The design, testing and analysis of aeroelastically tailored transonic flutter model wings [AIAA 83-1027] p 330 A83-29876
- Transonic interference effects in testing of oscillating airfoils [AIAA 83-1032] p 313 A83-29883
- Bending effects on structural dynamic instabilities of transonic wings [AIAA 83-0920] p 358 A83-29887
- Transonic flutter model study of a supercritical wing and winglet p 640 A83-41048
- Evaluation of four subcritical response methods for on-line prediction of flutter onset in wind tunnel tests p 753 A83-48212
- Effects of angle of attack on transonic flutter of a supercritical wing p 726 A83-48213
- Aeroelastic problems of wings in transonic flow p 314 A83-20904
- Recent Transonic Flutter Investigation for Wings and External Stores [AIAA 83-162] p 345 A83-22215
- A Canadian approach to flutter clearance for external stores p 345 A83-22216
- Flutter investigations in the transonic flow regime for a fighter type aircraft p 345 A83-22217
- Subsonic-transonic stall flutter study [NASA-CR-165256] p 629 A83-30435
- TRANSONIC NOZZLES**
- Subsonic/supersonic aeropropulsive characteristics of nonaxisymmetric nozzles installed on an F-18 model p 744 A83-48215
- TRANSONIC SPEED**
- The performance of a circulation control airfoil at transonic speeds [AIAA PAPER 83-0083] p 130 A83-16510
- Advances in methods for predicting store aerodynamic characteristics in proximity to an aircraft [AIAA PAPER 83-0266] p 133 A83-16622
- Wind tunnel measurements of the Magnus induced surface pressures on a spinning projectile in the transonic speed regime [AIAA PAPER 83-1838] p 499 A83-38667
- Aerodynamic design for improved maneuverability by the use of three-dimensional transonic theory [AIAA PAPER 83-1859] p 521 A83-38686
- Investigation of some effects of humidity on aerodynamic characteristics on a 10-percent-thick NASA supercritical airfoil [NASA-TM-X-3355] p 4 A83-11018
- LANN wing design p 291 A83-18755
- Design and construction of 2 transonic airfoil models for tests in the NASA Langley C 3-M TCT [NASA-TM-85325] p 401 A83-23326
- Experimental investigation of a 10-percent-thick helicopter rotor airfoil section designed with a viscous transonic analysis code [NASA-TP-1864] p 582 A83-30389
- TRANSONIC WIND TUNNELS**
- The NAL transonic cascade tunnel p 55 A83-11081
- Sting line feasibility for force measurements in the European wind tunnel [ONERA, TP NO 1982-90] p 207 A83-14541
- Support sting interference on boattail pressure drag for Reynolds numbers up to 70 x 10 to the 6th [AIAA PAPER 83-0387] p 172 A83-16687
- The transonic wind tunnel Braunschweig of DFVLR p 217 A83-19663
- Theoretical and experimental study of helicopter rotor noise [ONERA, TP NO 1982-74] p 205 A83-23247
- Some solutions to the problems and pitfalls of laser velocimetry in a large transonic wind tunnel p 346 A83-28832
- The LANN program - An experimental and theoretical study of steady and unsteady transonic airloads on a supercritical wing [AIAA PAPER 83-1686] p 502 A83-39099
- Transonic wind tunnel test on an oscillating flap [AIAA PAPER 83-2132] p 579 A83-41954
- Cryogenic-wind-tunnel technology A way to measurement at higher Reynolds numbers p 689 A83-46484
- Studies concerning model technology in the European Transonic Wind Tunnel (ETW) p 752 A83-47197
- Status report on the European Transonic Wind Tunnel and on the Cologne Cryotunnel p 752 A83-47207
- The technology of adaptive wind-tunnel walls p 752 A83-47226
- Evaluation of four subcritical response methods for on-line prediction of flutter onset in wind tunnel tests p 753 A83-48212
- Sensitivity analysis of cool-down strategies for a transonic cryogenic tunnel [NASA-TM-84527] p 56 A83-10082
- Preliminary study on variable porosity walls for a transonic wind tunnel p 57 A83-11037
- Construction and performance of NAL two-dimensional transonic wind tunnel [NAL-TR-647T] p 57 A83-11146
- Estimation of simulation errors and investigations of operating range extensions for the European Transonic Wind Tunnel (ETW) [BMFT-FB-W-82-003] p 58 A83-11152
- Flow quality of NAL two-dimensional transonic wind tunnel Part 1 Mach number distributions, flow angularities and preliminary study of side wall boundary layer suction [NAL-TR-693] p 179 A83-12043
- Extraction of model performance from wall data in a 2-dimensional transonic flexible walled test section [NASA-CR 165994] p 207 A83-12102
- The 1981 calibration of the AEDC-PWT aerodynamic wind tunnel (4T) at Mach numbers from 0.1 to 1.3 [AD-A118704] p 208 A83-12104
- Flow visualization in a cryogenic wind tunnel using holography [NASA-TM-84556] p 217 A83-12395
- A study of model deflection measurement techniques applicable within the national transonic facility [NASA-CR-165853] p 181 A83-13075
- Design and manufacture of a transonic wind tunnel model and the investigation of model components under cryogenic flow conditions in the European transonic wind tunnel [BMFT-FB-W-82-015] p 181 A83-13078
- Image degradation in Langley 0.3-meter transonic cryogenic tunnel [NASA-TM-84550] p 219 A83-13419
- Adaptive wall wind tunnels, a selected, annotated bibliography [NASA-TM 84526] p 174 A83-14138
- Cryogenic Wind Tunnel Models Design and Fabrication [NASA-CP-2262] p 290 A83-18748
- Model systems criteria p 291 A83-18749
- NTF user operations requirements p 291 A83-18750
- Status of NTF models p 291 A83-18754
- NTF model concept for the X-29A Part 1 Requirements, guidelines, and design loads p 291 A83-18756
- NTF model concept for the X-29A Part 2 Design and fabrication concept p 291 A83-18757
- Strain gage balances and buffet gages p 292 A83-18766
- Wall boundary-layer effects in transonic wind tunnels p 348 A83-20964
- On the use of adaptive walls for transonic wind tunnel testing p 348 A83-20969
- The status of two- and three-dimensional testing in the University of Southampton transonic self-streamlining wind tunnel p 349 A83-20971
- Development of a three-dimensional adaptive wall test section with perforated walls p 349 A83-20973
- Wind tunnel flow quality and data accuracy requirements [AGARD-AR-184] p 376 A83-23276
- A survey of the three-dimensional high Reynolds number transonic wind tunnel [NASA-TM-76931] p 400 A83-23324
- Transonic cryogenic test section for the Goettingen Tube Facility [NASA-TM-77050] p 401 A83-23328
- PEANUTS - the PETW data system p 402 A83-24519
- Development of a non-insulated cryogenic strain-gauge balance [M-TP-82-006-U] p 402 A83-24520
- Basic investigations for the use of wind tunnel models in the ETW --- transonic wind tunnels [BMFT-FB-W-82-023] p 402 A83-24522
- Programs for the transonic wind tunnel data processing installation Part 10 Six component measurements updated [AD-A122248] p 427 A83-26824
- Experimental investigation of interferences of top and bottom slotted walls and the effects of sidewalls in a transonic airfoil wind tunnel p 690 A83-32729
- TRANSPARENCES**
- Impact-resistant transparencies for manne service --- windscreens for aircraft [ASME PAPER 82-WA/OCE-4] p 295 A83-25686
- TRANSPONDERS**
- A procedure for the utilization of the signals of a DME transponder to determine the position of an aircraft from the ground p 26 A83-13016
- Third Symposium on Traffic Alert and Collision Avoidance Systems (TCAS) [FAA-RD-82-75] p 144 A83-14080
- TCAS program p 145 A83-14081
- Status of Mode S implementation p 145 A83-14082
- TCAS 2 operational doctrine p 145 A83-14083
- Comparison of TCAS 1 passive and active transponder detectors p 145 A83-14084
- Aircraft traffic in the Los Angeles basin as related to TCAS requirements p 145 A83-14085
- Surveillance techniques for minimum TCAS 2 p 145 A83-14086
- Validation of minimum TCAS 2 surveillance performance p 145 A83-14087
- Enhanced TCAS 2 p 145 A83-14088
- Microwave Landing System (MLS) channel plans and traffic loading [DOT/FAA/RD-81/113] p 146 A83-14097
- TRANSPORT AIRCRAFT**
- Advanced facility for processing aircraft dynamic test data p 53 A83-10189
- Application of model reference adaptive control to a relaxed static stability transport aircraft p 46 A83-11209
- Nonlinear controller for the pitch-up region [AIAA PAPER 83-0064] p 168 A83-16496
- Propulsion installation characteristics for turbofan transports [AIAA PAPER 83-0087] p 130 A83-16513
- Developments in the NASA transport aircraft laminar flow program [AIAA PAPER 83-0090] p 130 A83-16514
- A comparison of trim drag for conventional and supercritical wings [AIAA PAPER 83-0094] p 131 A83-16518
- Application of software design standards to commercial aircraft equipment p 141 A83-17312
- Software aspects in certification of new European civil transport aircraft p 189 A83-17314
- The transport aircraft of tomorrow - A single element of an overall system p 128 A83-19410
- Fuel for future transport aircraft p 222 A83-20082
- Design and implementation of an active load alleviation system, taking into account the example of a modern transport aircraft [DGLR PAPER 82-045] p 284 A83-24170
- Applications of head-up displays in commercial transport aircraft p 269 A83-24428
- Carrier Aircraft Inertial Navigation System (CAINS)/integrated system approach p 254 A83-24854
- The ATR 42 will keep its promises p 262 A83-25115
- Human factors in the application of large screen electronic displays to transport flight station design p 269 A83-26312
- Advanced technology for future regional transport aircraft p 326 A83-27499
- Forecasting in air transport - A critical review of the techniques available p 318 A83-29966
- The stiffness of transport wings for minimum weight p 358 A83-29970
- The Dash 8 - Design considerations [SAE PAPER 820728] p 384 A83-30875
- The CAC-100 - Design features --- passenger commuter transport aircraft [SAE PAPER 820730] p 385 A83-31806
- Operator influences on aircraft design p 371 A83-31813
- CRAF today - An airline perspective --- Civil Reserve Air Fleet [AIAA PAPER 83-1589] p 379 A83-33358
- Advanced Civil Military Aircraft - Technical feasibility assessment [AIAA PAPER 83-1592] p 379 A83-33359
- NASA technology program for future civil air transports [AIAA PAPER 83-1603] p 379 A83-33366
- Aircraft design trends for cargo compatibility [AIAA PAPER 83-1609] p 380 A83-33370
- The Dash 8 development program p 433 A83-33548
- Application of maximum likelihood estimation to the identification of the stability derivatives of a wide body transport aircraft p 460 A83-35121
- Flight management concepts development for fuel conservation p 447 A83-35843
- PAN AIR applications to aero-propulsion integration [AIAA PAPER 83-1368] p 421 A83-36364
- The Ka-26 helicopter --- Russian book p 437 A83-36448
- Development of 4-D time-controlled guidance laws using singular perturbation methodology p 512 A83-37149
- An experimental study of the turbulent boundary layer on a transport wing in transonic flow [AIAA PAPER 83-1687] p 492 A83-37188

Advanced aluminum alloy for transport aircraft - Why and what are the benefits  
[SAE PAPER 821345] p 550 A83-37954

Status of FAA crash dynamics program - Transport category aircraft  
[SAE PAPER 821483] p 507 A83-38002

High aspect ratio forward sweep for transport aircraft  
[AIAA PAPER 83-1832] p 498 A83-38661

A method for predicting low-speed aerodynamic characteristics of transport aircraft  
[AIAA PAPER 83-1845] p 499 A83-38673

Computational analysis for an advanced transport configuration with engine nacelle  
[AIAA PAPER 83-1851] p 521 A83-38679

An advanced control system for a next generation transport aircraft  
[AIAA PAPER 83-2194] p 620 A83-41679

An electromechanical primary flight control actuation system for military transport aircraft  
[AIAA PAPER 83-2195] p 620 A83-41680

Flight Management Systems III - Where are we going and will it be worth it?  
[AIAA PAPER 82-2237] p 622 A83-41714

Computational aerodynamics applications to transport aircraft design  
[AIAA PAPER 83-2061] p 578 A83-41902

Parametric study of critical constraints for a canard configured medium range transport using conceptual design optimization  
[AIAA PAPER 83-2141] p 598 A83-41963

Theory of transport aircraft weight fractions  
[SAE PAPER 1452] p 602 A83-43734

Optimizing tail size and wing location within loadability constraints  
[SAE PAPER 1466] p 602 A83-43740

Estimation of nonlinear aerodynamics from transport airplane certification maneuvers - A system identification approach  
[AIAA PAPER 83-2065] p 627 A83-43811

Application and experience of colour CRT flight deck displays  
The GTC331, a 600 hp auxiliary power unit program --- for advanced transport aircraft  
[ASME PAPER 83-GT-188] p 742 A83-47994

Challenges for military airlift in the 1990's  
[AIAA PAPER 83-2437] p 719 A83-48327

Operational and control display concepts for flight management systems in new generation transport aircraft  
[AIAA PAPER 83-2489] p 735 A83-48348

Airline requirements for future civil transport aircraft  
[AIAA PAPER 83-2501] p 719 A83-48354

Conceptual design of transport aircraft  
p 731 A83-49475

Design integration of laminar flow control for transport aircraft  
[AIAA PAPER 83-2440] p 731 A83-49577

Civil transport aircraft design methodology  
[AIAA PAPER 83-2463] p 731 A83-49579

Material selection for the new-technology commercial transport - The designer's dilemma  
[AIAA PAPER 83-2477] p 758 A83-49583

Transport aircraft requirements - How much? How soon? How to pay?  
[AIAA PAPER 83-2504] p 720 A83-49588

Low-altitude wind measurements from wide-body jet transports  
[NASA-TM-84538] p 15 A83-10024

Handling qualities of transports with advanced flight control systems  
p 49 A83-10061

Analyzing the role of closed loop systems for a subsonic aircraft with reduced longitudinal stability  
p 51 A83-10076

Tabulated pressure measurements on an executive-type jet transport model with a supercritical wing  
[NASA-TM-X-72701] p 11 A83-11069

Application of a supercritical wing to an executive-type jet transport model  
[NASA-TM-X-3251] p 13 A83-11082

Assessment of crash fire hazard of LH sub 2 fueled aircraft  
[NASA-CR-165525] p 16 A83-11095

OPDOT A computer program for the optimum preliminary design of a transport airplane  
[NASA-TM-81857] p 32 A83-11114

Low-speed aerodynamic characteristics of a transport configuration having a 42 deg swept supercritical airfoil wing and three tail height positions  
[NASA-TM-X-3149] p 32 A83-11115

Technology and benefits of aircraft counter rotation propellers  
[NASA-TM-82983] p 44 A83-11129

Fluid Dynamics Panel Symposium on Aerodynamics of Power Plant Installation  
[AGARD-AR-173] p 45 A83-11138

Aerodynamics on a transport aircraft type wing-body mode  
[PB82-206855] p 194 A83-12081

QCSSE under-the-wing engine-wing-flap aerodynamic profile characteristics  
[NASA-TM-82890] p 201 A83-12092

Energy efficient engine Flight propulsion system preliminary analysis and design  
[NASA-CR-159859] p 201 A83-12094

Opportunities for composites in commercial transport structures  
p 210 A83-12148

Polymer materials research at NASA Ames Research Center  
p 210 A83-12150

Durability of aircraft composite materials  
p 211 A83-12164

Impact of advanced air transport technology Part 2 The air cargo system, background paper  
[PB82-186818] p 221 A83-12919

Impact of advanced transport technology Part 3 Air service to small communities  
PB82-186800 p 221 A83-12920

The digital data acquisition system for the flight testing of the Fokker F29 aircraft  
[NLR-MP-81019-U] p 198 A83-13097

Transducer selection --- for F29 transport aircraft  
[NLR-MP-81028-U] p 198 A83-13099

Fuel conservation techniques in jet transport aircraft operations  
p 198 A83-17483

Computation of the flow around wings with rear separation  
[DFVLR-FB-82-22] p 195 A83-17517

Evaluation of laminar flow control systems for subsonic commercial transport aircraft Executive summary  
[NASA-CR-159252] p 216 A83-17551

Impact of advanced air transport technology Part 4 Financing and program alternatives for advanced high-speed aircraft  
[PB83-110585] p 251 A83-19731

Demonstration of an acceptable safety level for digital equipment on board civil transport aircraft  
p 251 A83-20188

Small transport aircraft technology  
[NASA-SP-460] p 331 A83-20931

Evaluation of g seat augmentation of fixed-base/moving base simulation for transport landings under two visually imposed runway width conditions  
[NASA-TP-2135] p 333 A83-22191

Flutter and steady/unsteady aerodynamic characteristics of supercritical and conventional transport wings  
p 345 A83-22218

Wind tunnel flow quality and data accuracy requirements  
[AGARD-AR-184] p 376 A83-23276

Stability and control of a supersonic transport airplane during landing approach  
[NASA-TM-84659] p 396 A83-23317

Analytical modeling of transport aircraft crash scenarios to obtain floor pulses  
[NASA-CR-166089] p 381 A83-24488

A simulation study of crew performance in operating an advanced transport aircraft in an automated terminal area environment  
[NASA-TM-84610] p 382 A83-24490

Flow visualization of the wake of a transport aircraft model with lateral-control oscillations  
[NASA-TM-84623] p 491 A83-27951

Small transport aircraft technology propeller study  
[NASA-CR-168045] p 506 A83-29178

Study of an automatic trajectory following control system  
[NASA-CR-166121] p 547 A83-29271

Advanced structures technology and aircraft safety  
[NASA-TM-85684] p 564 A83-29733

TRAGEN Computer program to simulate an aircraft steered to follow a specified vehicle profile User's guide  
[NASA-CR-166062] p 569 A83-30062

Experimental investigations of transport aircraft low speed engine interference effects and flight test correlation  
p 603 A83-30364

P-static flight evaluation of a large jet aircraft  
p 588 A83-31230

Commercial transport aircraft composite structures  
p 693 A83-33958

Correlation of experimental and quasi-3D theoretical airloads on the oscillating LANN supercritical wing model  
[AD-A130550] p 718 A83-36002

Improved interior emergency lighting study  
[DOT/FAA/CT-83/31] p 721 A83-36010

**TRANSPORT VEHICLES**  
The development of a central electrical generating system for transport vehicles  
p 300 A83-26885

**TRANSPORTATION**  
USSR report Transportation, no 98  
[JPRS-82053] p 176 A83-13060

Aviation safety  
p 184 A83-13081

Foreign Technology Alert - Bibliography: Transportation safety  
[PB83-101659] p 430 A83-25688

Airport and highway noise control, planning and analysis  
[PB83-153692] p 560 A83-28290

**TRANSPORTATION ENERGY**  
Alternative fuel technology series Volume 1 Alternative fuels for transport  
[ISBN-0-902937-63-4] p 555 A83-29414

**TRANSPORTATION NETWORKS**  
Co-ordination in aviation in southern Africa  
p 320 A83-23210

**TRANSVERSE WAVES**  
Recent lightning induced voltage test technique investigations  
p 646 A83-31194

**TRAPEZOIDAL TAIL SURFACES**  
Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of yaw, (Y sub r)sub F, (N sub r)sub F, (L sub r)sub F  
[ESDU-82017] p 664 A83-32764

**TRAPEZOIDAL WINGS**  
Computation of vortex flow around wings using the Euler equations  
p 177 A83-14605

**TRAVELING WAVES**  
Bending-torsion flutter of a highly swept advanced turboprop  
[NASA-TM-82975] p 68 A83-11514

Recent lightning induced voltage test technique investigations  
p 646 A83-31194

**TRENDS**  
Trend analysis concerning the displays and the keyboard of GPS navigation receivers for different applications  
p 37 A83-13010

**TRIANGULATION**  
VOR area navigation - Techniques and results  
p 323 A83-29205

Surfaces in computer aided geometric design, Proceedings of the Conference, Oberwolfach, West Germany, April 25-30, 1982  
p 480 A83-33613

**TRIBOLOGY**  
Tribology  
Designing with rolling bearings Part 3 Special types  
[ESDU-82014] p 698 A83-33160

**TRISONIC WIND TUNNELS**  
Wall interference in Wind Tunnels  
[AD-A124122] p 347 A83-20957

**TROPOPAUSE**  
CAT altitude avoidance system  
[NASA-CASE NPO-15351-1] p 38 A83-10040

**TRUSSES**  
Crash tests of four low-wing twin-engine airplanes with truss-reinforced fuselage structure  
[NASA-TP-2070] p 67 A83-10442

Techniques in optimum structural synthesis with static and dynamic constraints  
p 699 A83-33189

**TUNING**  
Improved airborne HF receive antenna An ILIR report  
[AD-A118861] p 182 A83-14369

**TURBINE BLADES**  
Experimental investigation on film cooling of a gas turbine blade  
p 199 A83-13346

Analytical profiling of turbine blades  
p 200 A83-16010

The effect of aerodynamic coupling between the blades of a cascade on the aerodynamic damping of blade vibrations and the onset of blading flutter  
p 182 A83-19312

A test stand for studying transient phenomena in aerodynamic turbomachine cascades  
p 218 A83-20913

Automated machining of turbine blades by Rolls-Royce  
p 229 A83-21348

The corrosion resistance of protective coatings  
p 223 A83-21454

High temperature stability of pack aluminate coatings on IN38LC  
p 230 A83-21459

Fatigue and creep considerations in the design of turbine components  
p 230 A83-21461

Friction damping of flutter in gas turbine engine airfoils  
p 274 A83-24038

A computer model for gas turbine blade cooling analysis  
[ASME PAPER 82-JPGC-GT-6] p 279 A83-25267

An experimental study of windturbine noise from blade-tower wake interaction  
[AIAA PAPER 83-0691] p 306 A83-25913

Turbine blade nonlinear structural and life analysis  
p 337 A83-29024

Structural dynamics studies of rotating bladed-disk assemblies coupled with flexible shaft motions  
[AIAA PAPER 83-0919] p 392 A83-32787

Determination of the theoretical profile of the electrode tool in the electrochemical processing of parts of complex shape  
p 407 A83-32967

- Profile losses during the release of air onto the surface of nozzle vanes p 418 A83-35590
- Aerodynamic optimization theory of A 3-D axial-flow rotor-blading via optimal control p 418 A83-35839
- Containment of turbine engine fan blades p 449 A83-35871
- Design of dry-friction dampers for turbine blades p 450 A83-35883
- Prediction of stagnation flow heat transfer on turbomachinery airfoils [AIAA PAPER 83-1173] p 420 A83-36259
- Instrumental problems in small gas turbine engines [AIAA PAPER 83-1293] p 444 A83-36327
- A unified approach to turbine blade life prediction [SAE PAPER 821439] p 533 A83-37987
- The combination of a geometry generator with transonic design and analysis algorithms [AIAA PAPER 83-1862] p 500 A83-38689
- Estimation of the thermal fatigue strength of the blades of full-scale gas-turbine engines p 613 A83-41596
- Results of an experimental study of the thermal state of blades in turbines with partial root cooling p 614 A83-42138
- The effect of supercritical pressure gradients on heat transfer in turbine nozzle cascades p 614 A83-42140
- A method for ensuring the proper operation of an optical instrument for measuring the temperature of the blades of a high-temperature turbine p 609 A83-42152
- Recent developments in high temperature coatings for gas turbine airfoils p 634 A83-42254
- Heat transfer at the tip of an unshrouded turbine blade p 642 A83-42706
- Optimal design of the blading of axial turbines — Russian book p 694 A83-43924
- Ni-base MC-carbide reinforced eutectic alloys for jet engine application p 691 A83-44061
- Negative incidence flow over a turbine rotor blade [ASME PAPER 83-GT-23] p 713 A83-47888
- Measurements of secondary flows within a cascade of curved blades and in the wake of the cascade [ASME PAPER 83-GT-24] p 713 A83-47889
- A Navier-Stokes analysis of three-dimensional turbulent flows inside turbine blade rows at design and off-design conditions [ASME PAPER 83-GT-40] p 713 A83-47900
- Blade vibration measurements on centrifugal compressors by means of telemetry and holographic interferometry [ASME PAPER 83-GT-131] p 740 A83-47959
- Structural response due to blade vane interaction [ASME PAPER 83-GT-133] p 740 A83-47960
- Effects of static friction on the forced response of frictionally damped turbine blades [ASME PAPER 83-GT-155] p 741 A83-47981
- Developments in air cooling of gas turbine vanes and blades [ASME PAPER 83-GT-160] p 742 A83-47984
- An investigation into the effect of coolant flow on the vibration characteristics of hollow blades conveying fluid [ASME PAPER 83-GT-217] p 762 A83-48017
- Development of the single crystal alloys CM SX 2 and CM SX-3 for advanced technology turbine engines [ASME PAPER 83-GT-244] p 756 A83-48034
- The use of coloured smoke to visualize secondary flows in a turbine-blade cascade p 717 A83-49466
- NASA LeRC/Akron University Graduate Cooperative Fellowship Program and Graduate Student Researchers Program [NASA-CR-167943] p 74 N83-10970
- Radiation pyrometry in gas turbine research and development [PNR-90118] p 68 N83-11485
- Measurement techniques in turbomachines, ultrathin transducers applied to measurements in turbomachines p 216 N83-12273
- CF6 jet engine diagnostics program High pressure turbine roundness/clearance investigation [NASA-CR-165581] p 202 N83-13100
- Casting critical components — investment casting [NEL-681] p 218 N83-13294
- An aeroelastic analysis of the Darnes wind turbine p 220 N83-13476
- Tip cap for a rotor blade [NASA-CASE-LEW-13654-1] p 164 N83-14129
- Curvature effects on the heat transfer performance of three-dimensional film cooling of gas turbine blades [AD-A119729] p 164 N83-14131
- Measured and calculated wall temperatures on air-cooled turbine vanes with boundary layer transition [NASA-TM-83030] p 183 N83-14432
- A model for prediction bird and ice impact loads on structures [AD-A119408] p 184 N83-14543
- A computational geometry method for blade space geometric design p 165 N83-15260
- Darnes rotor aerodynamics — wind turbines [DE82-003495] p 138 N83-15271
- Feasibility of water injection into the turbine coolant to permit gas turbine contingency power for helicopter application [NASA-TM-83043] p 166 N83-15307
- Materials for advanced turbine engines Volume 1 [NASA-CR-167851-VOL-1] p 166 N83-15308
- Analytical and experimental investigation of turbine blade damping [AD-A120470] p 213 N83-16345
- Creep and fatigue interactions in a nickel base superalloy [NLR-MP-82003-U] p 234 N83-17903
- Film Cooling and Turbine Blade Heat Transfer, volume 1 [VKI-LS-1982-02-VOL-1] p 282 N83-18730
- Cooling of gas turbine blades p 282 N83-18735
- Experimental verification of blade cooling systems and comparison with design calculation p 282 N83-18736
- Film Cooling and Turbine Blade Heat Transfer, volume 2 [VKI-LS-1982-02-VOL-2] p 282 N83-18738
- Turbine blade cooling in aeroengines p 282 N83-18739
- Journal of Engineering Thermophysics (selected articles) [AD-A122037] p 301 N83-18953
- An experiment to improve the surge margin by use of cascade with splitter blades p 283 N83-18956
- Application of the finite element method to the solution of transient two-dimensional temperature field for air-cooled turbine blade p 301 N83-18958
- Experimental investigation of simulating impingement cooling of concave surfaces of turbine airfoils p 283 N83-18960
- Lifting surface theory for a helicopter rotor in forward flight [NASA-CR-169997] p 246 N83-19709
- The Rene 150 directionally solidified superalloy turbine blades, volume 1 [NASA-CR-167992] p 338 N83-20946
- High frequency fatigue of turbine blade material [AD-A124585] p 458 N83-25713
- The matrix of axial and radial plays The present situation and perspectives — turbojet engines p 541 N83-29253
- Development of ceramic automobile turbine engine components [BMFT-FB-T-83-025] p 554 N83-29407
- Energy efficient engine high-pressure turbine single crystal vane and blade fabrication technology report [NASA-CR-165400] p 616 N83-30429
- Aeroelasticity in turbomachine-cascades [AD-A127709] p 618 N83-31605
- Heat transfer on three turbine airfoils [AD-A128762] p 747 N83-34950
- ### TURBINE ENGINES
- A comparison between the Craig-Cox and the Kacker-Okapuu methods of turbine performance prediction p 163 A83-19025
- An overview of turbine engine structural design - Development trends in the Air Force [AIAA 83-0952] p 338 A83-29777
- Statistical study of TBO and estimation of acceleration factors of ASMT for aircraft turbo-engine — Accelerated Simulated Mission Endurance Testing p 448 A83-35858
- Life prediction for turbine engine components p 474 A83-36174
- Deterioration trending enhances jet engine hardware durability assessment and part management [AIAA PAPER 83-1234] p 453 A83-36297
- Performance capability of a Compact Multimission Aircraft Propulsion Simulator [AIAA PAPER 83-1358] p 464 A83-36356
- Accelerated simulated mission endurance test of a turboshaft engine for military attack helicopter application [AIAA PAPER 83-1359] p 455 A83-36357
- Developments in performance monitoring and diagnostics in aircraft turbine engines [SAE PAPER 821400] p 533 A83-37973
- Procedure for the calculation of basic emission parameters for aircraft turbine engines [SAE AIR 1533] p 535 A83-38104
- Electronic control of aircraft turbine engine p 683 A83-45600
- An experimental investigation of endwall heat transfer and aerodynamics in a linear vane cascade [ASME PAPER 83-GT-52] p 714 A83-47909
- A three-dimensional model for the prediction of shock losses in compressor blade rows [ASME PAPER 83-GT-216] p 744 A83-48016
- Aviation turbine fuels— An assessment of alternatives [NASA-CR-169395] p 60 N83-10214
- The problems of refitting aero-gas turbine engines for multiple uses p 43 N83-11052
- Recent trends in aviation turbine fuel properties [NASA-TP-2056] p 61 N83-11340
- Energy efficient engine Flight propulsion system preliminary analysis and design [NASA-CR-159859] p 201 N83-12094
- Turbine engine materials durability research p 202 N83-12163
- A model for prediction bird and ice impact loads on structures [AD-A119408] p 184 N83-14543
- Overspeed and overtemperature tests and dissection examination of the turbine discs made of a iron-nickel base superalloy p 165 N83-15261
- Feasibility of water injection into the turbine coolant to permit gas turbine contingency power for helicopter application [NASA-TM-83043] p 166 N83-15307
- Powder metallurgy Rene 95 rotating turbine engine parts, volume 2 [NASA-CR-165141] p 178 N83-15412
- The quality and control of precision castings for turbomachines p 179 N83-15446
- Blade erosion effects on aircraft-engine compressor performance [DE82-021791] p 213 N83-16346
- Turbine engine fuel conservation by fan and compressor profile control p 213 N83-17467
- Performance of high-altitude, long-endurance, turboprop airplanes using conventional or cryogenic fuels [NASA-TM-84534] p 207 N83-17530
- Film Cooling and Turbine Blade Heat Transfer, volume 2 [VKI-LS-1982-02-VOL-2] p 282 N83-18738
- Pumped vortex [NASA-CASE-LAR-12615-1] p 246 N83-19715
- Impact of NASA-sponsored research on aircraft turbine engine bearing specifications p 303 N83-20129
- The Rene 150 directionally solidified superalloy turbine blades, volume 1 [NASA-CR-167992] p 338 N83-20946
- A study of bird ingestions into large high bypass ratio turbine aircraft engines [FAA-CT-82-144] p 319 N83-22173
- Energy efficient engine component development and integration program [NASA-CR-170089] p 339 N83-22204
- Future of alternate fuels for turbine engines p 353 N83-22453
- General Aviation Turbine Engine (GATE) overview p 340 N83-22457
- Aviation turbine fuels, 1981 [DE82-015870] p 404 N83-23478
- DOE wave-turbine-engine demonstration [DE82-018322] p 562 N83-28458
- Designing for stability in advanced turbine engines p 543 N83-29266
- Considerations of technology transfer barriers in the modification of strategic superalloys for aircraft turbine engines [NASA-TM-83395] p 554 N83-29360
- Improved combustion-turbine efficiency with reformed-alcohol fuels [DE83-005713] p 699 N83-33169
- T55 power turbine rotor multiplane-multipressure balancing study [NASA-CR-167891] p 686 N83-33894
- Reformed alcohol fuels for combustion turbines Technical and economic feasibility assessment [DE82-013921] p 694 N83-34071
- Design of a microprocessor-based Control, Interface and Monitoring (CIM) unit for turbine engine controls research [NASA-TM-83433] p 712 N83-34885
- Ceramic applications in turbine engines [NASA-CR-165494] p 771 N83-37028
- ### TURBINE EXHAUST NOZZLES
- Effect of entry boundary layer thickness on secondary flows in an annular cascade of turbine nozzle and rotor blades p 419 A83-35868
- The effect of supercritical pressure gradients on heat transfer in turbine nozzle cascades p 614 A83-42140
- The CF6 engine performance improvement [NASA-CR-165612] p 212 N83-16342
- ### TURBINE INSTRUMENTS
- Effectiveness of turbine engine diagnostic systems [AIAA PAPER 83-0535] p 161 A83-16773
- Minimum contact magnetic sensing of turbine blade speed p 391 A83-30175
- Advanced techniques for measurement of strain and temperature in a turbine engine [AIAA PAPER 83-1296] p 558 A83-39106

## TURBINE PUMPS

Definition of forces on turbomachinery rotors Task B report. Dynamic analysis of rotors [NASA-CR-170763] p 395 N83-24507

## TURBINE WHEELS

Rotation and curvature effects on Reynolds stresses in boundary-layers [ONERA, TP NO 1982-81] p 213 A83-14533

An enhancement for the ultrasonic test bed to inspect engine disk bolt holes p 214 A83-15160

Application of optimization to aircraft engine disk synthesis p 162 A83-18213

Fabrication and heat treatment of a Ni-base superalloy integrally bladed rotor for small gas turbine engine applications p 177 A83-19102

A finite-element study of the stress-strain state of the turbofan rotor of an aircraft gas-turbine engine p 274 A83-23515

Research on the thermomechanical stress in turbine disks under thermal manipulations --- German thesis p 337 A83-28667

The fatigue strength of compressor disks p 406 A83-32387

Effects of friction dampers on aerodynamically unstable rotor stages p 392 A83-32791

Residual life prediction for jet engine rotor disks at elevated temperature p 472 A83-33974

The use of a structural model for determining the adaptability curve for turbine disks in stress concentration zones p 445 A83-35039

A contribution to airworthiness certification of gas turbine disks p 449 A83-35872

Stress analysis of critical areas of low-pressure compressor-disc assembly of a developmental aero-engine p 449 A83-35880

Eccentric end wear in cylindrical roller bearings can be predicted and prevented [AIAA PAPER 83-1132] p 474 A83-36237

Simulation of advanced engine lubrication and rotor dynamics systems - Rig design and fabrication [AIAA PAPER 83-1133] p 450 A83-36238

A comprehensive method for preliminary design optimization of axial gas turbine stages II - Code verification [AIAA PAPER 83-1403] p 456 A83-36393

LCC evaluation of advanced engine damage tolerance goals for a hot-section disk --- in aircraft engines [AIAA PAPER 83-1407] p 458 A83-36396

Titanium fan disc Structural Life Prediction/Correlation program [SAE PAPER 821437] p 557 A83-37985

Nonsynchronous whirls of the turbine rotor in aerojet engines p 615 A83-43694

Substructuring and wave propagation - An efficient technique for impeller dynamic analysis [ASME PAPER 83-GT-150] p 741 A83-47969

An investigation into the effect of side-plate clearance in an uncentralized squeeze-film damper [ASME PAPER 83-GT-176] p 761 A83-47975

Power turbine dynamics - An evaluation of a shear-mounted elastomeric damper [ASME PAPER 83-GT-226] p 763 A83-48025

TPE331/T76 turboprop propulsion engine durability [AD-A122962] p 394 A83-23314

TURBINES

A preliminary study of annular diffusers with constant diameter outer walls (suitable for turbine exits) [ASME PAPER 83-GT-218] p 744 A83-48018

Advanced technologies for turbomachinery systems An overview [NASA-TM-82949] p 201 N83-12090

Time-variant aerodynamics for translational motion of large-turning airfoils [AD-A118884] p 203 N83-13105

TURBOCOMPRESSORS

An experimental study of the unsteady response of the rotor blades of an axial flow compressor operating in the rotating stall regime [AIAA PAPER 83-0001] p 129 A83-16454

Axial-compressor flow distortion with water ingestion [AIAA PAPER 83-0004] p 160 A83-16456

Effectiveness of turbine engine diagnostic systems [AIAA PAPER 83-0535] p 161 A83-18773

Cleaning gas turbine compressors - Some service experience with a wet-wash system p 210 A83-21350

The response of a multistage compressor to an azimuthal distortion p 281 A83-26923

The fatigue strength of compressor disks p 406 A83-32387

Investigation of the combined regulation of the intermediate stage of a centrifugal compressor by an axial regulating apparatus and a two-row diffuser p 407 A83-33149

Preliminary investigation on the performance of regenerative turbofan with inter-cooled compressor and its influence to aircraft p 446 A83-35830

The transient performance of turbojet engines and axial compressors p 447 A83-35847

A study of the response of a turbojet engine to the inlet temperature transients p 448 A83-35849

A contribution to the calculation of secondary flows in an axial flow compressor p 419 A83-35852

Experimental study of a high-through-flow transonic axial compressor stage p 419 A83-35853

Effect of sand erosion on the performance deterioration of a single stage axial flow compressor p 448 A83-35854

Effect of humidity on jet engine axial-flow compressor performance p 448 A83-35856

Flow measurements within rotating stall cells in single and multistage axial-flow compressors p 419 A83-35873

Flow in rotating stall cells of a low speed axial flow compressor p 419 A83-35874

Design and performance of a low aspect ratio, high tip speed multi-stage compressor p 451 A83-36253

Maximum loading capability of axial flow compressors [AIAA PAPER 83-1163] p 451 A83-36254

Effects of compressor hub treatment on stator stall margin and performance [AIAA PAPER 83-1352] p 475 A83-36354

Transient blade response due to surge induced structural loads [SAE PAPER 821438] p 533 A83-37986

Determining compressor-inlet airflow in the compact multimission aircraft propulsion simulators in wind-tunnel applications [AIAA PAPER 83-1231] p 547 A83-39104

Characteristics of the occurrence and elimination of a stall in an axial-flow compressor in the presence of a rotating irregularity at the inlet p 613 A83-42132

High-speed floating-ring bearing test and analysis [ASLE PREPRINT 83-AM-3E-2] p 643 A83-43337

A study of the damping capacity of rods in a centrifugal force field p 695 A83-45322

Alternative vaneless diffusers and collecting volutes for turbocharger compressors [ASME PAPER 83-GT-32] p 760 A83-47894

Effect of relative velocity distribution on efficiency and exit flow of centrifugal impellers [ASME PAPER 83-GT-74] p 760 A83-47927

Effect of particle presence on the incompressible inviscid flow through a two dimensional compressor cascade [ASME PAPER 83-GT-95] p 714 A83-47941

Analysis of an axial compressor blade vibration based on wave reflection theory [ASME PAPER 83-GT-151] p 741 A83-47970

Development of controlled diffusion airfoils for multistage compressor application [ASME PAPER 83-GT-211] p 715 A83-48012

Gas turbine compressor interstage cooling using methanol [ASME PAPER 83-GT-230] p 763 A83-48026

Experimental methods in compressor noise studies [ONERA, TP NO 1983-79] p 769 A83-48194

Non-uniform flows in axial compressors due to tip clearance variation p 745 A83-48824

An aerodynamic design method for transonic axial flow compressor stage [AD-A118278] p 44 A83-11132

The WISGSK A computer code for the prediction of a multistage axial compressor performance with water ingestion [NASA-CR-3624] p 201 N83-12093

Hot wire thermal tuft development for measurement of flow reversal near a compressor blade p 216 N83-12274

Instabilities of geared couplings Theory and practice p 187 N83-15634

Water injection into compressors of gas turbines for power increase and reduction of NOx emission [BMFT-FB-T-82-075] p 233 N83-16765

Study of advanced rotary combustion engines for commuter aircraft [NASA-CR-165399] p 214 N83-17545

Experimental verification of blade cooling systems and comparison with design calculation p 282 N83-18736

The performance calculation of an axial flow compressor stage p 283 N83-18957

Influence of blade tip clearance on aerodynamically induced vibration [AD-A123125] p 394 N83-23312

The use of vortex generators as inexpensive compressor casing treatment p 459 N83-26798

End wall flow characteristics and overall performance of an axial flow compressor stage [NASA-CR-3671] p 427 N83-26819

Finite element program for calculating flows in turbomachines with results for NASA task-1 compressor [AD-A124987] p 460 N83-26841

Aerothermodynamics of axial-flow compressors with water ingestion p 504 N83-27953

Evaluation of the performance and flow in an axial compressor [AD-A125619] p 561 N83-28387

Axial compressor middle stage secondary flow study [NASA-CR-3701] p 505 N83-29174

A theory of rotating stall of multistage axial compressors [NASA-CR-3685] p 506 N83-29175

Test facility for basic research on distortion p 542 N83-29258

Axial compressor characteristics during transients p 542 N83-29259

Testing of the Mannesmann Demag oxygen compressor [DE83-006801] p 646 N83-31028

Windmilling of the rotor of a turbojet engine with an axial-flow compressor under flight conditions [NASA-TM-77087] p 686 N83-33892

Profile design for cascades --- compressor blade profile p 686 N83-34832

The effect of the Reynolds number on turbomachines --- turbocompressors p 687 N83-34838

Rotating stall investigations Volume 1 Theoretical investigations [AD-A128744] p 748 N83-34951

Rotating stall investigations Volume 2 Experimental studies [AD-A128745] p 748 N83-34952

Propulsion and energetics panel working group 14 on suitable averaging techniques in nonuniform internal flows [AGARD-AR-182(ENG)] p 748 N83-34953

Journal of Engineering Thermophysics (selected articles) [AD-A129455] p 770 N83-36988

TURBOFAN AIRCRAFT

Optimum configuration for a 10-passenger business turbofan jet airplane p 675 A83-43967

Comparison of prediction, wind tunnel and flight test data for the Canadair Challenger turbofan aircraft p 604 N83-30365

Estimation of lateral attenuation of air-to-ground jet or turbofan aircraft noise in one-third octave bands [ESDU-82027] p 706 N83-33680

Comparison of advanced turboprop and turbofan airplanes [NASA-TM-85692] p 733 N83-36022

TURBOFAN ENGINES

Rotor wake characteristics relevant to rotor-stator interaction noise generation p 39 A83-10184

PETTS /Programmable Engine Trim Test Set/ p 54 A83-10752

Rolls-Royce engine status report p 41 A83-12933

Composite fan exit guide vanes for high bypass ratio gas turbine engines p 198 A83-13159

Powerplants II --- turbofan engine design for aircraft p 199 A83-14951

A new use for NWC's wind machine - Parachute testing p 207 A83-15309

Rolls-Royce RB 211-535 power plant p 199 A83-15311

Wind tunnel measurements of blade/vane ratio and spacing effects on fan noise p 222 A83-15317

Propulsion installation characteristics for turbofan transports [AIAA PAPER 83-0087] p 130 A83-16513

Scale model performance test investigation of mixed flow exhaust systems for an energy efficient engine /E3/ propulsion system [AIAA PAPER 83-0541] p 161 A83-16776

New thrusts in engine design p 162 A83-17236

Powerplants II --- review of current aircraft turbofan engines p 162 A83-18147

A remote augmentor lift system with a turbine bypass engine p 163 A83-19595

Eigenfunctions for liners in uniform mean flow ducts p 237 A83-19810

PW 4000 - A radically new jet engine being developed in the USA p 212 A83-23239

Selection of the optimal output parameters for the starting device of a double-shaft turbofan engine p 273 A83-23442

A finite-element study of the stress-strain state of the turbofan rotor of an aircraft gas-turbine engine p 274 A83-23515

Electro-optical processor for optimal control p 298 A83-23596

Turbofan engine blade pressure and acoustic radiation at simulated forward speed p 274 A83-24026

Effect of variable guide vanes on the performance of a high-bypass turbofan engine p 274 A83-24028



Design and development of a mixer compound exhaust system — in aircraft turbofan engines

p 274 A83-24029

Jet engines for airliners of the next generation

[DGLR PAPER 82-069] p 274 A83-24183

Flight effects on fan noise with static and wind tunnel comparisons

[AIAA PAPER 83-0678] p 279 A83-25910

Fluctuating pressure measurements on the fan blades of a turbofan engine during ground and flight tests

[AIAA PAPER 83-0679] p 279 A83-25911

Vane camber and angle of incidence effects in fan noise generation

[AIAA PAPER 83-0766] p 280 A83-25956

Tone generation by rotor-downstream strut interaction

[AIAA PAPER 83-0767] p 280 A83-25957

The design and flight test of an engine inlet bulk acoustic liner

[AIAA PAPER 83-0781] p 281 A83-25963

A compact inflow control device for simulating flight fan noise

[AIAA PAPER 83-0680] p 365 A83-28005

The influence of inlet design on the aeroacoustic performance of a JT15D turbofan engine as measured in the NASA-Ames 40 x 80 foot wind tunnel

[AIAA PAPER 83-0681] p 337 A83-28006

Sound propagation in segmented exhaust ducts - Theoretical predictions and comparison with measurements

[AIAA PAPER 83-0734] p 366 A83-28016

Application of 3-signal coherence to core noise transmission

[AIAA PAPER 83-0759] p 366 A83-28021

Structural dynamics studies of rotating bladed-disk assemblies coupled with flexible shaft motions

[AIAA PAPER 83-0919] p 392 A83-32787

Effect of sound absorbing wall linings on aerodynamic forces of a subsonic vibrating cascade

p 411 A83-33372

Acoustic modal analysis of a full-scale annular combustor

[AIAA PAPER 83-0760] p 461 A83-33486

Further study on the prediction of liquid fuel spray capture by v-gutter downstream of a plain orifice injector under uniform cross air flow

p 473 A83-35810

Experimental research of the mechanism of flame stabilization in two phase mixture

p 469 A83-35822

Preliminary investigation on the performance of regenerative turbofan with inter-cooled compressor and its influence to aircraft

p 446 A83-35830

Numerical computation of turbulent flow around the spinner of a turbofan engine

p 418 A83-35838

Ground simulation of engine operation at altitude

p 463 A83-35863

Methanol combustion in a CF6I-80A engine combustor

[AIAA PAPER 83-1138] p 469 A83-36241

The aerodynamic design and performance of the General Electric/NASA EEE fan — Energy Efficient Engine

[AIAA PAPER 83-1160] p 451 A83-36252

Cruise missile propulsion versus commercial airliner propulsion - Different challenges can produce similar engine cycles

[AIAA PAPER 83-1176] p 451 A83-36261

Advanced turbofan and dual cycle engine performance benefits and installation options on a Mach 0.7 shorthaul transport aircraft

[AIAA PAPER 83-1212] p 452 A83-36284

Compound cycle turbofan engine

[AIAA PAPER 83-1338] p 455 A83-36346

Introducing the Rolls-Royce Tay

[AIAA PAPER 83-1377] p 456 A83-36368

Development of a compact real-time turbofan engine dynamic simulation

[SAE PAPER 821401] p 533 A83-37974

Titanium fan disc Structural Life Prediction/Correlation program

[SAE PAPER 821437] p 557 A83-37985

Major hot section component salvaged through advanced repair methods

[SAE PAPER 821489] p 534 A83-38007

JT9D performance deterioration results from a simulated aerodynamic load test

p 612 A83-41040

Regulator design for the F100 turbofan engine

p 612 A83-41492

Experimental investigation of a model of the internal exhaust gas mixer configuration of a turbofan engine in the reverse-thrust mode

p 614 A83-42146

Reengineering the key to aircraft renewal

[AIAA PAPER 83-1372] p 675 A83-45514

Status report — DARPA/NASA convertible turbofan/turboshaft engine program

[ASME PAPER 83-GT-196] p 743 A83-48000

Saving fuel with the wide-chord fan

p 744 A83-48174

Advanced commercial engines for the 1990's

[AIAA PAPER 83-2479] p 745 A83-48342

Preliminary design engine thermodynamic cycle selection for advanced fighters

[AIAA PAPER 83-2480] p 745 A83-48343

Analysis of the effects of explosive fuel ignition on an aircraft noise suppressor system

p 43 N83-10247

Utilizing numerical techniques in turbofan inlet acoustic suppressor design

[NASA-TM-82984] p 73 N83-10885

Experimental program for the evaluation of turbofan/turboshaft c conversion technology

[NASA-TM-82988] p 44 N83-11130

Aspects of the reliability and maintenance of turboprops and large turbofan engines

[PNR-90113] p 45 N83-11135

The fuel efficient jet engine

[PNR-90114] p 45 N83-11136

Gain selection method and model for coupled propulsion and airframe systems

[NASA-TP-2067] p 52 N83-11139

A remote augmentor lift system with a turbine bypass engine

[NASA-TM-82932] p 200 N83-12087

Correlation of core noise obtained by three signal coherence techniques

[NASA-TM-83012] p 222 N83-12966

CF6 jet engine diagnostics program High pressure turbine roundness/clearance investigation

[NASA-CR-165581] p 202 N83-13100

Effect of steady-state pressure distortion on inlet flow to a high-bypass-ratio turbofan engine

[NASA-TM-82964] p 166 N83-15306

Response sensitivity of typical aircraft jet engine fan blade-like structures to bird impacts

[AD-A119974] p 166 N83-15310

Experimental investigation of thrust augmenting ejectors using vane excited primary jets

[AD-A120424] p 167 N83-15313

Aerodynamic compliant bearings for small turbo-engines

p 185 N83-15537

Experiments on high bypass internal mixer nozzle jet noise

[NASA-TM-83020] p 191 N83-16152

Energy efficient engine Fan test hardware detailed design report

[NASA-CR-165148] p 212 N83-16341

The CF6 engine performance improvement

[NASA-CR-165612] p 212 N83-16342

Development of a procedure for calculating the effects of airfoil erosion on aircraft engine compressor performance

p 213 N83-17457

Turbofan blade stresses induced by the flow distortion of a VTOL inlet at high angles of attack

[NASA-TM-82963] p 194 N83-17509

Summary report for CF6 jet engine diagnostics program

[NASA-CR-165582] p 214 N83-17539

An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications

[AD-A121228] p 215 N83-17549

Aircraft turbofan noise

[NASA-TM-83317] p 239 N83-18405

USAF Bioenvironmental Noise Data Handbook Volume 160 KC-10A aircraft, near and far-field noise

[AD-A121301] p 309 N83-19579

Airstart performance of a digital electronic engine control system in an F-15 airplane

[NASA-TM-84908] p 339 N83-22203

Application of 3-signal coherence to core noise transmission

[NASA-TM-83333] p 367 N83-23114

Research and development of the turbofan engine (the 2nd phase, FJR 710)

[NAL-TR-741] p 395 N83-24508

Acoustical modal analysis of the pressure field in the tailpipe of a turbofan engine

[NASA-TM-83387] p 412 N83-25499

Design analysis of a self-acting spiral-groove ring seal for counter-rotating shafts

[NASA-TP-2142] p 458 N83-25712

Development and production cost estimating relationships for aircraft turbine engines

[AD-A123753] p 459 N83-25714

A compact inflow control device for simulating flight fan noise

[NASA-TM-83349] p 482 N83-26643

Advances in ejector technology: A tribute to Hans von Ohain's vision

p 477 N83-26805

Turbine tip clearance control in gas turbine engines

p 541 N83-29254

Techniques for determining engine stall recovery characteristics

p 543 N83-29265

Designing for stability in advanced turbine engines

p 543 N83-29266

Incidence loss for fan turbine rotor blade in two-dimensional cascade

[NASA-TP-2188] p 617 N83-30431

Comparison of a propfan/turbofan engine by thermodynamic cycle calculations

[DFVLR-MITT-82-18] p 617 N83-30434

Estimation of windmilling drag and airflow of turbo-jet and turbo-fan engines

[ESDU-81009] p 677 N83-32789

Noise suppressor for turbo fan jet engines

[NASA-CASE-ARC-10812-1] p 685 N83-33884

Effects of wind on turbofan engines in outdoor static test stands

[NASA-TM-83493] p 747 N83-34945

Use of cooling air heat exchangers as replacements for hot section strategic materials

[NASA-TM-83494] p 747 N83-34946

Supersonic fan engines for military aircraft

[NASA-TM-83499] p 747 N83-34947

## TURBOFANS

Supersonic V/STOL - Tandem fan concepts

[AIAA PAPER 83-2567] p 746 A83-49597

Recent advances in the performance of high bypass ratio fans

[PNR-90120] p 203 N83-13107

Recent results about fan noise Its generation, radiation and suppression

[NASA-TM-83002] p 224 N83-13939

Rotor redesign for a highly loaded 1800 ft/sec tip speed fan 3 Laser Doppler velocimeter report

[NASA-CR-167954] p 163 N83-14128

Rotorcraft convertible engine study

[NASA-CR-168241] p 747 N83-34944

Current problems in turbomachinery fluid dynamics

[AD-A126478] p 747 N83-34949

## TURBOGENERATORS

Analysis of a turbine rotor containing a transverse crack at Oak Creek Unit 17

p 186 N83-15632

Study of advanced rotary combustion engines for commuter aircraft

[NASA-CR-165399] p 214 N83-17545

## TURBOJET ENGINE CONTROL

Design of error-actuated controllers for multivariable plants with unknown dynamics and unmeasurable outputs — for automatic control of industrial processes and gas turbine engines

p 163 A83-19385

Electro-optical processor for optimal control

p 298 A83-23596

Development of a compact real-time turbofan engine dynamic simulation

[SAE PAPER 821401] p 533 A83-37974

Use of mixed performance criteria in gas turbine engine controller design

p 612 A83-41482

Regulator design for the F100 turbofan engine

p 612 A83-41492

Integrated flight and propulsion operating modes for advanced fighter engines

[ASME PAPER 83-GT-194] p 742 A83-47999

Airstart performance of a digital electronic engine control system in an F-15 airplane

[NASA-TM-84908] p 339 N83-22203

## TURBOJET ENGINES

Combat survivability with advanced aircraft propulsion development

p 28 A83-10179

Some comments on a mathematical model of the static performance curve of a turbojet engine

p 199 A83-14625

The diagnostics of disturbances in components of turbojet engines with gasdynamics parameter monitoring

p 199 A83-15850

Improved fault detection in the hot section of turbojet engines by individual monitoring procedures

p 210 A83-19666

A method for calculating the parameters of a turbojet engine in the autorotation regime

p 272 A83-23434

Future fuels for turbojet engines and their impacts on combustion chambers and fuel systems

[DGLR PAPER 82-089] p 295 A83-24201

The application of a sub-scale flight demonstrator as a cost effective approach to aircraft development

p 328 A83-29395

Aeroacoustics of supersonic porous plug-nozzle flows

[AIAA PAPER 83-0775] p 411 A83-31325

Design and development of a small gasturbine engine Results today - A basis for design criteria of a next generation

p 446 A83-35829

The prediction of performance of turbojet engine with distorted inlet flow and its experimental studies

p 446 A83-35832

A dynamic model of turbojet in starting at high altitude

p 447 A83-35846

The transient performance of turbojet engines and axial compressors

p 447 A83-35847

Development of a turbojet engine simulator for scale model wind tunnel testing of multi-mission aircraft

p 447 A83-35848

- A study of the response of a turbojet engine to the inlet temperature transients p 448 A83-35849
- Ground simulation of engine operation at altitude p 463 A83-35863
- Thermodynamic efficiency of air injection into the radial clearance of the turbine of a turbojet engine p 614 A83-42139
- ASAT - The U K's new turbo jet R P V p 601 A83-43707
- Low cost expendable turbojet engines p 616 A83-43711
- Development of double-rotor supercharged turbojet engines in the USSR as seen from models R11 to R29 p 43 A83-11050
- Uniform engine testing program Phase 1 NASA Lewis Research Center participation p 163 A83-14126
- [NASA-TM-82978] Study on Time Between Overhauls (TBO) of aircraft turbojet and its reliability p 164 A83-15255
- Experimental research on perforated acoustic liners in turbojet engine afterburners p 165 A83-15256
- Computer program for calculation of turbojet system performance [AD-A120665] p 167 A83-15314
- An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications [AD-A121228] p 215 A83-17549
- Generalization of the air-jet propulsion systems, the 'N' flow turbo-jet engine p 459 A83-25715
- [AD-A123932] Thrust performance of a variable-geometry, divergent exhaust nozzle on a turbojet engine at altitude [NASA-TP-2171] p 459 A83-26839
- An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications [AD-A125025] p 471 A83-27034
- The matrix of axial and radial plays The present situation and perspectives --- turbojet engines p 541 A83-29253
- Use of composites in aero-engines [PNR-90149] p 554 A83-29322
- Tests for inlet distortion in a two-spool turbojet engine on the ground test bed p 683 A83-32733
- Jet scaling effects in a USB propulsive lift configuration p 662 A83-32744
- Estimation of windmilling drag and airflow of turbo-jet and turbo-fan engines [ESDU-81009] p 677 A83-32789
- Windmilling of the rotor of a turbojet engine with an axial-flow compressor under flight conditions [NASA-TM-77087] p 686 A83-33892
- Rotating stall investigations Volume 2 Experimental studies p 748 A83-34952
- [AD-A128745] Improvements in F-16 engine restart capability with a SIPI (Super Integrated Power Unit) p 749 A83-36036
- Journal of Engineering Thermophysics (selected articles) p 770 A83-36988
- ### TURBOMACHINE BLADES
- The NAL transonic cascade tunnel p 55 A83-11081
- The entropy efficiency of blade machines p 162 A83-16953
- A software package for computing the three-dimensional stressed state of the blades of gas-turbine engines p 354 A83-28507
- The interaction between a separated blade and the armor ring p 337 A83-28510
- The coupled aeroelastic response of turbomachinery blading to aerodynamic excitations [AIAA 83-0844] p 357 A83-29822
- Vibrational diagnostics of gas-turbine blades p 473 A83-35040
- High temperature erosion study of INCO 600 metal p 468 A83-35247
- Theoretical and experimental investigations involving plane turbine cascades with sweep and dihedral --- German thesis p 578 A83-41806
- The impact of three-dimensional analysis on fan design --- for turbine engines [ASME PAPER 83-GT-136] p 740 A83-47963
- Critical review of the trailing edge condition in steady and unsteady flow Blade flutter in compressors and fans Numerical simulation of the aerodynamic loading [NASA-CR-169705] p 137 A83-15264
- Turbofan blade stresses induced by the flow distortion of a VTOL inlet at high angles of attack [NASA-TM-82963] p 194 A83-17509
- Blade design with a finite element method p 283 A83-19040
- ### TURBOMACHINERY
- Strut or guide vane secondary flows and their effect on turbomachinery noise p 190 A83-18414
- Unbalance response analysis of a complete turbomachine p 228 A83-19674
- A reverse flow chamber for small turbomachines [ONERA, TP NO 1983-30] p 683 A83-44309
- Three-dimensional boundary layers in turbomachines p 697 A83-47021
- Effects of anomalous rotor joints on turbomachine dynamics [ASME PAPER 83-GT-175] p 761 A83-47974
- The measurement of turbomachinery stator-to-drum running clearances [ASME PAPER 83-GT-204] p 743 A83-48005
- Calculation of friction and heat transfer on the profile of a turbomachine cascade p 716 A83-48449
- Advanced technologies for turbomachinery systems An overview [NASA-TM-82949] p 201 A83-12090
- Application of strain gauges and thermocouples to rotating and stationary hardware p 215 A83-12266
- Signal transmission via sliprings and telemetry p 216 A83-12267
- Measurement techniques in turbomachines, ultrathin transducers applied to measurements in turbomachines p 216 A83-12273
- Application of dynamic gas bearings to cryogenic compressors and turbines p 185 A83-15540
- Rotordynamic instability Problems in High-Performance Turbomachinery [NASA-CP-2250] p 186 A83-15629
- Rotordynamic instability field problems p 186 A83-15630
- Field experiences with rub induced instabilities in turbomachinery p 186 A83-15631
- Rotor vibration caused by external excitation and rub p 187 A83-15637
- Aerodynamic effect of a honeycomb rotor tip shroud on a 50.8-centimeter-tip-diameter core turbine [NASA-TP-2112] p 215 A83-17547
- Journal of Engineering Thermophysics (selected articles) p 301 A83-18953
- Vibration in turbomachinery A bibliography of research reports (1966 - 1981) [CUED/A-TURBO-TR-109] p 301 A83-19129
- Damping seal for turbomachinery [NASA-CASE-MFS-25842-1] p 477 A83-26080
- Hybrid hydrostatic/ball bearings in high-speed turbomachinery [NASA-CR-168124] p 478 A83-27213
- Aeroelasticity in turbomachine-cascades [AD-A127709] p 618 A83-31605
- High Temperature Turbine Technology Program Phase 2 Technology test and support studies [DE83-008933] p 699 A83-33173
- Transonic and subsonic compressors --- three-dimensional flow p 703 A83-34836
- Current problems in turbomachinery fluid dynamics [AD-A126478] p 747 A83-34949
- High-temperature-turbine technology program Phase 2 Technology test and support studies Transpiration cooled turbine vane aerodynamic cascade results and analysis [DE83-010307] p 765 A83-35404
- Flow problems in turbomachines [AD-A128675] p 749 A83-36032
- ### TURBOPROP AIRCRAFT
- Thunder power for executive and ag-aircraft p 39 A83-10866
- Efficiency improved turboprop [AIAA PAPER 83-0059] p 161 A83-16491
- Noise transmission through sidewall treatments applicable to twin-engine turboprop aircraft [AIAA PAPER 83-0695] p 306 A83-25916
- Flyover noise measurements for turbo-prop aircraft [AIAA PAPER 83-0746] p 280 A83-25948
- Measurements and predictions of turboprop noise at high cruise speed [AIAA PAPER 83-0689] p 365 A83-28008
- The Dash 8 - Design considerations [SAE PAPER 820728] p 384 A83-30875
- Advanced turboprop cargo aircraft systems study p 386 A83-32582
- Short haul technology - Refining the turboprop [AIAA PAPER 83-1606] p 379 A83-33368
- The Dash 8 development program p 433 A83-33546
- Aerodynamic design of propfan powered transports [AIAA PAPER 83-1213] p 437 A83-36285
- Dashing ahead in commuterliners p 519 A83-38470
- Parametric study of factors affecting the fuel efficiency of advanced turboprop airplanes [AIAA PAPER 83-1823] p 520 A83-38655
- Advanced propfan testbed - 'A progress report' [SAWE PAPER 1453] p 616 A83-43735
- Interior noise considerations for advanced high-speed turboprop aircraft p 675 A83-43970
- High speed propeller for the Lear Fan 2100 [AIAA PAPER 83-2465] p 745 A83-49580
- Vibration qualification of equipment mounted in turboprop aircraft p 31 A83-10238
- Bending-torsion flutter of a highly swept advanced turboprop [NASA-TM-82975] p 68 A83-11514
- USAF Bioenvironmental Noise Data Handbook Volume 152 C-12A in-flight crew noise p 238 A83-17247
- [AD-A120509] Performance of high-altitude, long-endurance, turboprop airplanes using conventional or cryogenic fuels [NASA-TM-84534] p 207 A83-17530
- Advanced turboprop propulsion technology [SP-03A82] p 281 A83-18659
- Application of variable-sweep wings to commuter aircraft [NASA-CR-166067] p 265 A83-16713
- Farfield inflight measurement of high-speed turboprop noise [NASA-TM-83327] p 367 A83-21895
- The Epsilon prototype corkscrew phenomenon [SNIAS-822-111-101] p 376 A83-23279
- The return of the propeller airplane [SNIAS-822-111-102] p 389 A83-24501
- A note on the estimation of longitudinal and lateral aircraft derivatives using semi-empirical methods [CAR-8312] p 679 A83-33878
- Comparison of advanced turboprop and turbofan airplanes [NASA-TM-85692] p 733 A83-36022
- ### TURBOPROP ENGINES
- The module concept in a mathematical model of a turboprop engine p 161 A83-16878
- The Pratt & Whitney PW100 - Evolution of the design concept p 162 A83-18821
- An analytical and experimental comparison of the flow field of an advanced swept turboprop [AIAA PAPER 83-0189] p 189 A83-21080
- Sources of installed turboprop noise [AIAA PAPER 83-0744] p 280 A83-25946
- Propulsion system installation design for high-speed prop-fans p 337 A83-29014
- Flutter analysis of advanced turbopropellers [AIAA 83-0846] p 357 A83-29824
- Design features of a new commuter turboprop engine [SAE PAPER 820717] p 392 A83-31802
- An axisymmetric nacelle and turboprop inlet analysis including power simulation p 375 A83-32584
- Generalities on the problems in integration for a propeller on an airframe - The particular case of a high-powered twin turboprop [AAAF PAPER NT 82-02] p 388 A83-33160
- AR 318 - Italy's low-cost GA turboprop p 445 A83-35675
- Advanced turboprop and dual cycle engine performance benefits and installation options on a Mach 0.7 short-haul transport aircraft [AIAA PAPER 83-1212] p 452 A83-36284
- Some aspects of Prop-Fan propulsion systems analysis [SAE PAPER 821358] p 532 A83-37956
- Re-engining studies on the P-3 aircraft [SAE PAPER 821445] p 519 A83-37993
- Propulsion system integration configurations for future prop-fan powered aircraft [AIAA PAPER 83-1157] p 535 A83-38081
- Regional airline turboprop engine technology [AIAA PAPER 83-1158] p 535 A83-39101
- PW100 - Canada's commuter turboprop p 615 A83-42524
- Technology and benefits of aircraft counter rotation propellers [NASA-TM-82983] p 44 A83-11129
- Aspects of the reliability and maintenance of turboprops and large turbofan engines [PNR-90113] p 45 A83-11135
- Efficiency improved turboprop [AD-A118819] p 202 A83-12096
- An analytical and experimental comparison of the flow field of an advanced swept turboprop [NASA-TM-83037] p 128 A83-14061
- Propeller Performance and Noise, Volume 2 [VKI-LS-1982-08-VOL-2] p 242 A83-18656
- TPE331/T76 turboprop propulsion engine durability [AD-A122962] p 394 A83-23314
- A preliminary comparison between the SR-6 propeller noise in flight and in a wind tunnel [NASA-TM-83341] p 412 A83-24287
- Comparison of a propfan/turbofan engine by thermodynamic cycle calculations [DFVLR-MITT-82-18] p 617 A83-30434
- Propeller performance and weight predictions appended to the Navy/NASA engine program [NASA-TM-83458] p 684 A83-32810
- ### TURBOSHAFTS
- Engine technology for the next decade p 41 A83-12098

## SUBJECT INDEX

- The Pratt & Whitney PW100 - Evolution of the design concept p 162 A83-18821
- A mathematical model for a turboshaft gas-turbine engine with an optimum control program for high-level computer-aided design p 273 A83-23436
- Selection of the optimal output parameters for the starting device of a double-shaft turbofan engine p 273 A83-23442
- Regenerative shaft engines for helicopters, multipurpose and feeder service aircraft [DGLR PAPER 82-087] p 276 A83-24199
- U.S. Army/Detroit Diesel Allison Advanced Technology Demonstrator Engine p 277 A83-24836
- Structural dynamics studies of rotating bladed-disk assemblies coupled with flexible shaft motions [AIAA PAPER 83-0919] p 392 A83-32787
- Status report - DARPA/NASA convertible turbofan/turboshaft engine program [ASME PAPER 83-GT-196] p 743 A83-48000
- Army/NASA small turboshaft engine digital controls research program [NASA-CR-282979] p 44 N83-11128
- Rotorcraft convertible engine study [NASA-CR-168241] p 747 N83-34944
- ### TURBULENCE
- Research on non-planar wall geometries for turbulence control and skin-friction reduction p 374 A83-31975
- Tone-excited jet Theory and experiments [NASA-CR-3538] p 222 N83-12968
- Viscous flowfields induced by three-dimensional lift jets in ground effect [AD-A121026] p 301 N83-19062
- Pseudospectral calculation of shock turbulence interactions [NASA-CR-172133] p 491 N83-27952
- Design and evaluation of cascade test facility [AD-A125622] p 549 N83-28009
- A study of lateral flight path perturbations of STOL aircraft in the planetary boundary layer [UTIAS-TN-240] p 679 N83-33877
- ### TURBULENCE EFFECTS
- A study of the characteristics of short hydrodynamic dampers of aircraft engine motors with allowance for turbulization of the working fluid in the damper clearance p 613 A83-42129
- The diagnosis and evaluation of turbulence which influences the flight of aircraft, according to rawinsonde network observation data p 704 A83-45326
- Some remarks on buffeting p 341 N83-20899
- Computations of emissions using a 3-D combustor program p 538 N83-29226
- ### TURBULENT BOUNDARY LAYER
- Turbulent boundary layer associated with periodic rotating wakes --- from axial flow turbomachine rotors p 376 A83-33373
- An experimental study of the turbulent boundary layer on a transport wing in transonic flow [AIAA PAPER 83-1687] p 492 A83-37188
- Conical similarity of shock/boundary layer interactions generated by swept fins [AIAA PAPER 83-1756] p 492 A83-37229
- Calculation of a turbulent boundary layer of an incompressible fluid over swept wings of large aspect ratios p 495 A83-37803
- The calculation of two-dimensional transonic flow over aerofoils including boundary layer and wake effects [SAE PAPER 830708] p 580 A83-43318
- Calculation of three-dimensional turbulent boundary layer on an infinite swept wing p 659 A83-44555
- A new method of boundary layer correction in the design of supersonic wind tunnel nozzle p 659 A83-44561
- Wind tunnel investigations of some three-dimensional separated turbulent boundary layers p 662 A83-47019
- Experiments on a flow with swept separation and reattachment of a boundary layer p 697 A83-47020
- Three-dimensional boundary-layer calculations in design aerodynamics p 662 A83-47034
- Shock wave boundary layer interaction in compressor cascades p 43 N83-11041
- Sound shield [NASA-CASE-LAR-12883-1] p 237 N83-17235
- Film Cooling and Turbine Blade Heat Transfer, volume 1 [VKI-LS-1982-02-VOL-1] p 282 N83-18730
- Wall boundary-layer effects in transonic wind tunnels p 348 N83-20964
- Experimental investigation of a two-dimensional shock-turbulent boundary layer interaction with bleed [NASA-TM-83057] p 339 N83-22200
- A piloted flight simulator study of conflict of interest wind modelling techniques [UTIAS-TN-238] p 401 N83-23329
- Pseudospectral calculation of shock turbulence interactions [NASA-CR-172133] p 491 N83-27952

- Heat transfer and skin friction measurements in a hypersonic turbulent boundary layer at  $M = 9$  --- Mach number [IC-AERO-82-04] p 583 N83-30397
- An experimental study into the scaling of an unswept-sharp-fin-generated shock/turbulent boundary layer interaction [AD-A126919] p 645 N83-30967
- ### TURBULENT DIFFUSION
- The formation of carbon monoxide during turbulent diffusion combustion --- for aircraft gas turbine combustion chambers p 758 A83-49769
- ### TURBULENT FLOW
- X-wire sounding in an air inlet at high angle of attack [AAAF PAPER NT 81-15] p 8 A83-11775
- Noise and flow structure of a tone-excited jet p 221 A83-13136
- Finite-length solutions for rotodynamic coefficients of turbulent annular seals [ASME PAPER 82-LUB-42] p 212 A83-13521
- Experiments on the role of amplitude and phase modulations during transition to turbulence p 213 A83-14576
- Water tunnel construction for continuous mode flow visualization [AIAA PAPER 83-0657] p 172 A83-16821
- Rotor blade flap-lag stability in turbulent flows p 151 A83-18380
- A wind tunnel for unsteady turbulent shear flows - Design and flow calculation p 218 A83-19664
- Computed and measured turbulence in axisymmetric reciprocating engines p 276 A83-24669
- Sensitivity of chamber turbulence to intake flows in axisymmetric reciprocating engines p 276 A83-24677
- A closed-form analysis of rotor blade flap-lag stability in hover and low-speed forward flight in turbulent flow [AIAA 83-0986] p 330 A83-29864
- Prediction of turbulent flows - A Boeing view p 373 A83-30643
- Optimum wire screens for control of turbulence in wind tunnels p 417 A83-33772
- Numerical computation of turbulent flow around the spinner of a turbofan engine p 418 A83-35838
- Experimental evaluation of inlet turbulence, wall boundary layer, surface finish, and fillet radius on small axial turbine state performance [SAE PAPER 821475] p 534 A83-38001
- Experimentation with turbulent flows experiencing the effects of an adverse pressure gradient [ONERA, TP NO 1983-36] p 659 A83-44314
- A turbulent flow Navier-Stokes analysis for an airfoil oscillating in pitch p 660 A83-46437
- A Navier-Stokes analysis of three-dimensional turbulent flows inside turbine blade rows at design and off-design conditions [ASME PAPER 83-GT-40] p 713 A83-47900
- Chemical equilibrium laminar or turbulent three-dimensional viscous shock-layer flows p 715 A83-48133
- Coherent structure and jet noise p 190 N83-14513
- The estimation method on flutter boundary from subcritical random responses due to air turbulences Problems of test procedures and data analysis [NAL TR-718] p 217 N83-17554
- Computations and turbulent flow modeling in support of helicopter rotor technology [NASA-CR-169927] p 244 N83-18662
- Computer modeling of aircraft cabin fire phenomena [PB83-119891] p 319 N83-22174
- Significant events in low-level flow conditions hazardous to aircraft [NASA-TM-82522] p 410 N83-25268
- Aircraft equipment random vibration test criteria based on vibrations induced by turbulent airflow across aircraft external surfaces [AD-A123281] p 440 N83-25696
- Structure of evaporating and combusting sprays Measurements and predictions p 538 N83-29211
- Turbulent combustor flowfield investigation p 538 N83-29220
- An experimental investigation of the subcritical and supercritical flow about a swept semispan wing [NASA-TM-84367] p 563 N83-29634
- Rotor noise due to blade-turbulence interaction [AD-A129757] p 770 N83-36851
- ### TURBULENT HEAT TRANSFER
- An experimental investigation of turbulent base heat transfer in hypersonic flow p 659 A83-44569
- Calculation of friction and heat transfer on the profile of a turbomachine cascade p 716 A83-48449
- ### TURBULENT JETS
- Jet noise and the effects of jet forcing p 72 A83-10898
- A study of transverse turbulent jets in a cross flow --- for gas turbine combustion process modelling p 42 A83-13100

## TWO DIMENSIONAL FLOW

- Length and time scales relevant to sound generation in excited jets p 222 A83-15298
- Screesh suppression in supersonic jets p 237 A83-19814
- Evaluation Report AGARD Fluid Dynamics Panel Symposium on Fluid Dynamics of Jets with Application to V/STOL [AGARD-AR-187] p 67 N83-10403
- ### TURBULENT MIXING
- Effects of envelope flames on drop gasification rates in turbulent diffusion flames p 222 A83-19846
- Entrainment and mixing in thrust augmenting ejectors [AIAA PAPER 83-0172] p 419 A83-36046
- Analytical calculation of a single jet in crossflow and comparison with experiment [NASA-TM-83027] p 163 N83-14127
- Influence of a large free stream disturbance level on dynamics of a jet in a cross flow p 562 N83-29217
- ### TURBULENT WAKES
- Rotor wake characteristics relevant to rotor-stator interaction noise generation p 39 A83-10184
- Reductions in parachute drag due to forebody wake effects p 178 A83-15315
- Blade loading and rotation effects on compressor rotor wake near end walls p 190 A83-22138
- An experimental study of windturbine noise from blade-tower wake interaction [AIAA PAPER 83-0691] p 306 A83-25913
- Instantaneous turbulence profiles in the wake of an oscillating airfoil p 312 A83-28951
- Turbulent boundary layer associated with periodic rotating wakes --- from axial flow turbomachine rotors p 376 A83-33373
- Experimental investigation of the turbulent structure of vortex wakes [ONERA, TP NO 1983-107] p 717 A83-49418
- Windmill wake turbulence decay A preliminary theoretical model [DE83-008162] p 583 N83-30395
- ### TURNING FLIGHT
- Minimum-time 180 deg turns of aircraft p 45 A83-10250
- Cross-coupling between longitudinal and lateral aircraft dynamics in a spiral dive p 203 A83-15312
- Optimization of variable-altitude flyback maneuvers --- for rocket-propelled lifting vehicles [AIAA PAPER 83-0282] p 149 A83-16627
- Optimal turning climb-out and descent of commercial jet aircraft [SAE PAPER 821468] p 519 A83-37999
- An analysis of aerodynamic requirements for coordinated bank-to-turn autopilots [NASA-CR-3644] p 180 N83-13072
- Efficient algorithms for computing trim and small-disturbance equations of motion of aircraft coordinated and uncoordinated, steady, steep turns [NASA-TM-84324] p 343 N83-22205
- Roughness effects on compressor outlet guide vanes at high Reynolds Number and high turning angle [AD-A124688] p 395 N83-24511
- ### TWISTED WINGS
- Influence of leading-edge thrust on twisted and cambered wing design for supersonic cruise p 312 A83-29018
- ### TWO DIMENSIONAL BOUNDARY LAYER
- Evaluation of a surface panel method coupled with several boundary layer analyses [AIAA PAPER 83-0011] p 474 A83-36039
- Wall Interference in Wind Tunnels [AD-A124122] p 347 N83-20957
- Experimental investigation of a two-dimensional shock-turbulent boundary layer interaction with bleed [NASA-TM-83057] p 339 N83-22200
- Application of a finite difference method to the transonic airfoil problem [AD-A124720] p 425 N83-25674
- ### TWO DIMENSIONAL FLOW
- The far field of an airfoil p 7 A83-10573
- An oscillating ng for the generation of sinusoidal flows p 56 A83-12008
- A multigrid method for the Euler equations [AIAA PAPER 83-0124] p 131 A83-16537
- Numerical calculation of the separation and connection of two-dimensional supersonic flows in channels with discontinuous boundaries p 212 A83-22658
- Induced drag of a slender wing in a nonuniform stream p 312 A83-28970
- Low-Reynolds-number airfoils p 374 A83-31082
- High angle-of-attack cascade measurements and analysis p 419 A83-35875
- On the accuracy of calculating the aerodynamic characteristics of thin wings and airfoils by the method of discrete vortices p 493 A83-37519
- Marching grid generation using parabolic partial differential equations p 569 A83-38810

- The two-dimensional laminar wake with initial asymmetry p 581 A83-43454
- A nonintrusive laser interferometer method for measurement of skin friction p 695 A83-44677
- Combined four-wall interference assessment in two-dimensional airfoil tests p 689 A83-45576
- An implicit lambda scheme --- for transonic inviscid flow simulation p 660 A83-45581
- Effect of particle presence on the incompressible inviscid flow through a two dimensional compressor cascade [ASME PAPER 83-GT-95] p 714 A83-47941
- Hereditary models for airfoils in unsteady aerodynamics, numerical approximations and parameter estimation [AD-A118446] p 179 N83-12050
- Extraction of model performance from wall data in a 2-dimensional transonic flexible walled test section [NASA-CR-165994] p 207 N83-12102
- A nonintrusive laser interferometer method for measurement of skin friction [NASA-TM-84300] p 217 N83-12393
- NASA airborne Doppler lidar program Data characteristics of 1981 [NASA-CR-170667] p 220 N83-13706
- Computation of the flow around wings with rear separation [DFVLR-FB-82-22] p 195 N83-17517
- Computations and turbulent flow modeling in support of helicopter rotor technology [NASA-CR-169927] p 244 N83-18662
- Introduction to film cooling, three dimensional film cooling, curvature effects and film cooling p 301 N83-18731
- The performance calculation of an axial flow compressor stage p 283 N83-18957
- Survey of transonic flow research in China [AD-A122788] p 315 N83-20923
- A method for determining wall-interference corrections in solid-wall tunnels from measurements of static pressure at the walls p 347 N83-20958
- Similarity rules for effects of sidewall boundary layer in two-dimensional wind tunnels p 347 N83-20960
- Reynolds number effects on transonic shock location p 347 N83-20961
- Wall boundary-layer effects in transonic wind tunnels p 348 N83-20964
- Measured boundary conditions methods for 2D flow p 348 N83-20966
- A note on adaptive wind tunnels with imperfect control p 466 N83-26792
- Feasibility study of three-dimensional holographic interferometry for aerodynamics [NASA-CR-166483] p 483 N83-27845
- Analytical modeling of operating characteristics of premixing-prevaporizing fuel-air mixing passages p 537 N83-29209
- Incidence loss for fan turbine rotor blade in two-dimensional cascade [NASA-TP-2188] p 617 N83-30431
- Experiments in a three-dimensional adaptive-wall wind tunnel [NASA-TP-2210] p 718 N83-34906
- TWO PHASE FLOW**
- Aerodynamic drag in two-phase flows p 135 A83-17408
- Experimental research of the mechanism of flame stabilization in two phase mixture p 469 A83-35822
- Effect of particle presence on the incompressible inviscid flow through a two dimensional compressor cascade [ASME PAPER 83-GT-95] p 714 A83-47941
- Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 1 [DE82-903116] p 303 N83-20165
- Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 2 [DE82-903304] p 303 N83-20166

## U

## U.S.S.R.

- Automated systems of control in civil aviation of the USSR p 513 A83-39219
- Soviet military aircraft and missiles in 1982 p 576 A83-43030
- Development of double-rotor supercharged turbojet engines in the USSR as seen from models R11 to R29 p 43 N83-11050
- An aerodynamic assessment of various supersonic fighter airplanes based on Soviet design concepts [NASA-TM-84647] p 315 N83-22157
- U-2 AIRCRAFT**
- Observations of optical lightning emissions from above thunderstorms using U-2 aircraft p 234 A83-22703

- New life for the dragon lady --- U-2 aircraft design and production p 386 A83-32398
- UDIMET ALLOYS**
- Effects of cobalt in nickel-base superalloys p 223 A83-21467
- UH-1 HELICOPTER**
- Guidance and flight control demonstration in a helicopter flight environment using a laser-gyro inertial navigation system p 322 A83-28779
- Full-scale measurements of blade-vortex interaction noise p 482 A83-33505
- Full-scale measurements of blade-vortex interaction noise p 435 A83-35947
- Evaluation of new Iroquois torquemeter PN 73-30-1 [AD-A117747] p 38 N83-10042
- Reduction of high-speed impulsive noise by blade planform modification of a model helicopter rotor [NASA-TM-84553] p 191 N83-16151
- An evaluation of engine performance assessment procedures for the Lycoming T53 engine as installed in the Iroquois helicopter [ARL-MECH-ENG-NOTE-387] p 282 N83-18728
- Evaluation of Iroquois UH-1B stability and control [AD-A122302] p 289 N83-19760
- Adaptation of pultrusion to the manufacture of helicopter components [AD-A126281] p 491 N83-29171
- NASA/FAA experiments concerning helicopter IFR airworthiness criteria [NASA-TM-84388] p 688 N83-33904
- UH-60A HELICOPTER**
- Operational noise data for UH-60A and CH-47C Army helicopter [AD-A118796] p 223 N83-12974
- Helicopter simulation validation using flight data [NASA-TM-84291] p 204 N83-13112
- Helicopter simulation validation using flight data p 631 N83-30372
- ULTRALIGHT AIRCRAFT**
- Microlights - The state of the art p 241 A83-23685
- Putting the microlight to work p 241 A83-23686
- A complete introduction to the revolutionary new way to fly ultralights --- Book p 415 A83-33622
- ULTRASONIC FLAW DETECTION**
- Ultrasonic tomography for nondestructive evaluation p 63 A83-11505
- An enhancement for the ultrasonic test bed to inspect engine disk bolt holes p 214 A83-15160
- Establishing signal processing and pattern recognition techniques for inflight discrimination between crack-growth acoustic emission and other acoustic waveforms p 214 A83-15198
- Some applications of ultrasonic methods for the quality control of nonmetallic objects p 475 A83-36794
- ULTRASONIC WELDING**
- Comparison of properties of joints prepared by ultrasonic welding and other means p 406 A83-32586
- Ultrasonic weld bonding of helicopter primary structures [AD-A124645] p 477 N83-26081
- ULTRASONICS**
- Analysis of a turbine rotor containing a transverse crack at Oak Creek Unit 17 p 186 N83-15632
- Department of Aeroacoustics p 706 N83-32980
- Small cracks in large forgings p 701 N83-34109
- ULTRAVIOLET RADIATION**
- Advanced Ultra-Violet (UV) aircraft fire detection system Volume 1. System description and flight test [AD-A121253] p 198 N83-17526
- Advanced Ultra-Violet (UV) aircraft fire detection system Volume 2. System hardware design, software design, and test [AD-A121721] p 250 N83-19722
- UNCAMBERED WINGS**
- Status review of a supersonically-biased fighter wing-design study [AIAA PAPER 83-1857] p 521 A83-38684
- Low-speed aerodynamic characteristics of a highly swept, untwisted uncambered arrow wing [NASA-TP-2176] p 718 N83-36000
- UNDERCARRIAGES**
- Measuring and processing of undercarriage loading spectra of the L-39 aircraft p 383 A83-30513
- Advanced rapid runway repair A stable and flush repaired runway surface p 175 N83-15287
- Influence of mathematic modelling of undercarriages on the prediction of aircraft loads due to damaged and repaired runways p 157 N83-15292
- Development of a cost effective approach to modelling aircraft response to repaired runways p 157 N83-15293
- A method for the numerical simulation of an aircraft undercarriage system p 176 N83-15295
- Predicted and measured landing gear loads for the NF-5 aircraft taxiing over a bumpy runway p 157 N83-15296

- The problem of design criteria for aircraft loads due to rough runway operation p 158 N83-15298
- Some methods for the derivation of taxiing loads for undercarriages with linear or nonlinear properties [NLR-TR-81110-U] p 389 N83-23297
- UNIFORM FLOW**
- Prediction of liquid fuel spray capture by v-gutter downstream of plain orifice injector under uniform cross air-flow [AIAA PAPER 83-0153] p 160 A83-16559
- Eigensolutions for liners in uniform mean flow ducts p 237 A83-19810
- Noise generated by airfoil profiles placed in a uniform laminar flow p 769 A83-49463
- UNIQUENESS THEOREM**
- Existence and uniqueness of shock-free transonic flow past symmetrical thin wings at zero incidence p 135 A83-17847
- Interpretation methodology and analysis of in-flight lightning data [NASA-CR-3590] p 69 N83-11661
- UNITED KINGDOM**
- NATS - Taking stock --- National Air Traffic Services in United Kingdom p 142 A83-17727
- National air traffic services implementation plans p 142 A83-17729
- United Kingdom military engine usage, condition and maintenance systems experience [AIAA PAPER 83-1239] p 453 A83-36302
- Possible effects of citizens band radio transmissions on service airborne radio nav aids --- United Kingdom specifications [RAE-TM-RAD-NAV-197] p 560 N83-28291
- UNITED STATES OF AMERICA**
- Census of U.S. civil aircraft, calendar year 1981 [AD-A119358] p 176 N83-13067
- UNIVERSITIES**
- Universities - Have they a role in aeronautical research? Noise research p 652 A83-42617
- Universities - Have they a role in aeronautical research? Contribution to RAES discussion evening --- university department planning for aeronautical research p 654 A83-42620
- UNIVERSITY PROGRAM**
- Aeronautics - A coop aerospace education program at University of Sherbrooke, Canada [AIAA PAPER 83-2474] p 770 A83-48340
- Methods for teaching aerospace vehicle design [AIAA PAPER 83-2475] p 771 A83-49582
- UNSTEADY FLOW**
- An oscillating rig for the generation of sinusoidal flows p 56 A83-12008
- The use of an error index to improve numerical solutions for unsteady lifting airfoils p 178 A83-15281
- Numerical prediction of choking flutter of axial compressor blades [AIAA PAPER 83-0006] p 160 A83-16458
- Measurements of the near wake of an airfoil in unsteady flow [AIAA PAPER 83-0127] p 131 A83-16540
- Unsteady flow separation and attachment induced by pitching airfoils [AIAA PAPER 83-0131] p 131 A83-16544
- A one-dimensional unsteady model of dual mode scramjet operation [AIAA PAPER 83-0422] p 161 A83-16705
- Investigation of unsteady flow problems p 180 A83-16897
- Fuselage-lifting surfaces interaction in unsteady subsonic flow --- French thesis p 189 A83-22093
- Unsteady transonic flow over wings including inviscid/viscous interaction p 190 A83-22132
- Sound propagation through fluctuating flows - Its significance in aeroacoustics [AIAA PAPER 83-0697] p 308 A83-26448
- Flow measurements within rotating stall cells in single and multistage axial-flow compressors p 419 A83-35873
- Integro-differential equations of the dynamics of elastic systems in nonstationary flows --- flight vehicle dynamics in turbulent nonseparated flow p 474 A83-35933
- Finite-element mathematical model of a gas turbine engine in unsteady flow p 531 A83-37252
- The LANN program - An experimental and theoretical study of steady and unsteady transonic airloads on a supercritical wing [AIAA PAPER 83-1686] p 502 A83-39099
- Interactions of airfoils with gusts and concentrated vortices in unsteady transonic flow [AIAA PAPER 83-1691] p 502 A83-39267
- The use of actuator-disc dynamic inflow for helicopter flap-lag stability p 595 A83-41081
- Theoretical gust response prediction of a Joukowski airfoil p 580 A83-42536
- An implicit lambda scheme --- for transonic inviscid flow simulation p 660 A83-45581

- Prediction of boundary-layer characteristics of an oscillating airfoil p 660 A83-48435
- Unsteady Kutta condition of a plunging airfoil p 661 A83-48438
- Calculation of three dimensional unsteady transonic flow around rotor blades p 10 N83-10021
- [MBB-UD-353] p 10 N83-10021
- Noise source mechanisms in unsteady flow p 223 N83-12976
- [PB82-203837] p 223 N83-12976
- Propulsive performance of 2-dimensional thin airfoils undergoing large-amplitude pitch and plunge oscillations --- ornithopter aircraft p 180 N83-13074
- [UTIAS-TN-226] p 180 N83-13074
- Critical review of the trailing edge condition in steady and unsteady flow Blade flutter in compressors and fans Numerical simulation of the aerodynamic loading [NASA-CR-169705] p 137 N83-15264
- Darwin rotor aerodynamics --- wind turbines [DE82-003495] p 138 N83-15271
- Calculation of 3D unsteady transonic flow around rotor blades p 193 N83-17474
- Aircraft turbofan noise [NASA-TM-83317] p 239 N83-18405
- Dynamic response of aircraft with fluctuating flow fields p 341 N83-20897
- Aeroelastic buffeting prediction technique A general review p 341 N83-20890
- Unsteady aerodynamic and aeroelastic properties on control surfaces in transonic flow p 314 N83-20902
- Comparison of computed and measured unsteady pressure fields of a supercritical wing p 314 N83-20903
- Wind tunnel wall interference in unsteady transonic testing p 346 N83-20905
- Influence of blade tip clearance on aerodynamically induced vibration p 394 N83-23312
- [AD A123125] p 394 N83-23312
- Finite difference calculation of an inviscid transonic flow over oscillating airfoils p 426 N83-25677
- [AD-A123982] p 426 N83-25677
- Gust response prediction of an airfoil using a modified von Karman Pohlhausen technique [AD-A124716] p 461 N83-25718
- Flutter prediction in forward-swept wings by assumed modes and strip theory [AD-A124715] p 461 N83-25719
- Some recent applications of XTRAN3S [NASA-TM-85641] p 426 N83-26815
- Investigation of the coupling of unsteady lift to low order acoustic duct modes in an axial flow fan [AD-A124819] p 483 N83-27796
- Unsteady flow effects in combustor systems p 562 N83-29232
- Unsteady swirling flows in gas turbines [AD-A128386] p 685 N83-32812
- Propulsion and energetics panel working group 14 on suitable averaging techniques in nonuniform internal flows [AGARD-AR 182(ENG)] p 748 N83-34953
- UNSTEADY STATE**
- Analysis of unswept and swept wing chordwise pressure data from an oscillating NACA 0012 airfoil experiment. Volume 1 Technical Report [NASA-CR-3567] p 316 N83-22165
- UNSWEEP WINGS**
- Large-scale vortex-lattice model for the locally separated flow over wings p 177 A83-13127
- UPLINKING**
- Microwave Landing System (MLS) channel plans and traffic loading [DOT/FAA/RD-81/113] p 146 N83-14097
- UPPER SURFACE BLOWING**
- Panel jets II - A problem of hypersustentation --- upper surface blowing p 136 A83-18412
- Applications of advanced upper surface blowing propulsive-lift technology [SAE PAPER 820956] p 433 A83-33628
- On the propulsion system of the NAL quiet STOL research aircraft p 446 A83-35831
- Experimental wing and canard jet-flap aerodynamics [AIAA PAPER 83-0081] p 715 A83-48211
- STOL attack aircraft design based on an upper surface blowing concept [AIAA PAPER 83-2535] p 729 A83-48369
- An interferometric investigation of the near design point flow over supercritical aerofoil BGK-1 [ARL/AERO-NOTE-405] p 10 N83-11057
- A flight test evaluation and analytical study of the Ball-Bartoe jetwing propulsive lift concept without ejector [AD-A121733] p 332 N83-20938
- Jet scaling effects in a USB propulsive lift configuration p 662 N83-32744
- UPPER SURFACE BLOWN FLAPS**
- Wind tunnel investigation of an upper surface blown-flap half model of the NALSTOL research aircraft [NAL-TR-734] p 245 N83-18674

**URBAN DEVELOPMENT**

- Planning intra-airport transportation - A framework for decision making [AIAA PAPER 83-1585] p 399 A83-33356

**URBAN PLANNING**

- Transportation Energy Conservation Through Land Use Planning [PB83-148387] p 475 N83-25919

**URBAN TRANSPORTATION**

- Rotorcraft air transportation p 251 N83-20834
- Transportation Energy Conservation Through Land Use Planning [PB83-148387] p 475 N83-25919
- Assessment of Houston Airport WEDway Automated Transit System [PB83-210443] p 754 N83-36042

**USER MANUALS (COMPUTER PROGRAMS)**

- Airport landside Volume 2 The Airport Landside Simulation Model (ALSIM) description and users guide [AD-A117600] p 56 N83-10084
- Dayton aircraft cabin fire model, version 3 Volume 2 Program user's guide and appendices [AD-A118390] p 16 N83-11099
- A user's manual for a computer program to predict fatigue crack growth on flight-by-flight basis (FLTGRO) [AD-A118965] p 184 N83-14531
- Aircraft noise prediction program user's manual [NASA-TM-84486] p 190 N83-16150
- Computer simulation of an aircraft seat and occupant in a crash environment Volume 2 Program SOM-LA user manual [FAA-CT-82-33-2-VOL-2] p 319 N83-22172
- Non-intrusive parameter identification procedure user's guide [NASA-CR-170398] p 397 N83-23318
- The remote link unit A demonstration of operational performance Part 2 User's manual [AD-A124620] p 476 N83-25938
- Interactive input for the QUICK geometry system User's manual [NASA-TM 81933] p 582 N83-30388
- The TOPSY guide Transient tunnel operating, data acquisition and processing system User's and programmer's guides [OUEL-1462/83] p 632 N83-31610

**USER REQUIREMENTS**

- Aircraft systems test requirements analysis p 54 A83-10737
- Operator influences on aircraft design p 204 A83-21032
- Airline requirements for future civil transport aircraft [AIAA PAPER 83-2501] p 719 A83-48354
- Software development Design and reality p 363 N83-22114
- A UK NATS view of the air traffic management requirements in the next decade p 325 N83-22178
- The airline facing the present crisis p 320 N83-22180
- Air traffic services in Portugal p 325 N83-22182
- Modular Airborne Remote Sampling and Sensing System (MARSSS) [DE82-005691] p 410 N83-25226
- Status, trends and implications of carbon fiber material use [PB83-147751] p 471 N83-26934
- Flight and simulation test analysis system [AD-A125614] p 528 N83-27986

**UTILITY AIRCRAFT**

- Development trend in general aviation [DGLR PAPER 82-026] p 242 A83-24153
- The consideration of operational aspects for utility/commuter aircraft, taking into account the example of the Dornier 228 [DGLR PAPER 82-047] p 247 A83-24171
- Offshore helicopter operations - Gulf of Mexico [SAE PAPER 821366] p 507 A83-37960
- Applications and market potentials for the light utility airship concept [AIAA PAPER 83-1975] p 489 A83-38906
- Commonality potential of future public service helicopters and Army light utility helicopters [AIAA PAPER 83-2553] p 720 A83-49593

**V****V/STOL AIRCRAFT**

- Digital engine control for V/STOL and V/TOL aircraft p 40 A83-10871
- Nomogram for take-off performance of the V/STOL airplane p 30 A83-12665
- Recent progress in V/STOL technology p 3 A83-12852
- Airframe effects on a top-mounted fighter inlet system p 177 A83-13166

**V/STOL - A practical weapon system**

- p 127 A83-18808
- Military propulsion technology II - Supersonic V/STOL technology shapes up p 163 A83-18949
- CTOL, STOL, V/STOL - An operational comparison for forward deployed CVNs p 196 A83-22157
- Compact installation for testing vectored-thrust engines p 218 A83-22158
- Sonic fatigue of advanced composite panels in thermal environments p 224 A83-22166
- Effect of vanable guide vanes on the performance of a high-bypass turbofan engine p 274 A83-24028
- Thermal design of integrated avionics racks for aircraft [SAE PAPER 820871] p 263 A83-25770
- Zero-length inlets for subsonic V/STOL aircraft p 312 A83-29012
- Development and validation of the V/STOL aerodynamics and stability and control manual p 312 A83-29020
- Type A V/STOL - One aircraft for all support missions? p 386 A83-32580
- The history of V/STOL aircraft. II p 372 A83-33097
- The history of V/STOL aircraft p 435 A83-36074
- Comparison of an experience with full authority digital engine controls in rotary wing and jet-lift VSTOL aircraft [AIAA PAPER 83-1241] p 454 A83-36304
- V/STOL status from the engine technology viewpoint p 458 A83-36912
- Supersonic STOVL research aircraft [SAE PAPER 821375] p 517 A83-37965
- Hover and transition flight performance of a twin tilt-nacelle V/STOL configuration [AIAA PAPER 83-1824] p 520 A83-38656
- V/STOL from the propulsion viewpoint (7th Sir Sydney Camm Memorial Lecture) p 535 A83-38669
- Status of the development of handling criteria for VSTOL transition [AIAA PAPER 83-2103] p 624 A83-41932
- V/STOL, STOL, CTOL comparisons [SAE PAPER 1499] p 603 A83-43759
- Aerodynamic performance of a fan stage utilizing variable inlet guide vanes (VIGVs) for thrust modulation --- subsonic V/STOL aircraft [AIAA PAPER 83-1162] p 660 A83-45508
- Inlet-fan flow field computation [ASME PAPER 83-GT-41] p 713 A83-47901
- A design study of a reaction control system for a V/STOL fighter/attack aircraft [ASME PAPER 83-GT-199] p 743 A83-48002
- Aerodynamics propulsion and longitudinal control requirements for a tilt-nacelle V/STOL with control vanes submerged in the nacelle slipstream [AIAA PAPER 83-2513] p 728 A83-48357
- A new ejector concept for V/STOL aircraft [AIAA PAPER 83-2514] p 745 A83-48358
- Bucking the current --- electric actuators for V/STOL aircraft p 729 A83-48887
- An overview of V/STOL aircraft development [AIAA PAPER 83-2491] p 731 A83-49584
- Characteristics of the ground vortex developed by various V/STOL jets at forward speeds [AIAA PAPER 83-2494] p 717 A83-49585
- Wind tunnel tests of a zero length, slotted-lip engine air inlet for a fixed nacelle V/STOL aircraft [NASA-TM-82939] p 9 N83-10019
- Status of VTOL and VSTOL flying qualities criteria development. Where are we and where are we going? p 49 N83-10056
- Evaluation Report AGARD Fluid Dynamics Panel Symposium on Fluid Dynamics of Jets with Application to V/STOL [AGARD-AR-187] p 67 N83-10403
- Research and development of lift-jet engine, 1 --- v/stol aircraft [NAL TR-699] p 200 N83-12084
- Ames Research Center overview p 243 N83-20831
- The YAV-8B simulation and modeling Volume 1 Aircraft description and program summary [NASA-CR-170397] p 333 N83-22193
- The YAV-8B simulation and modeling Volume 2 Program listing [NASA-CR-170397] p 333 N83-22194
- Verification testing of an AH-1S Wire Strike Protection System (WSPS) [AD-A123188] p 429 N83-25684
- An assessment of factors affecting prediction of near-field development of a subsonic VSTOL jet in cross-flow [AD-A124583] p 441 N83-25699
- Advances in ejector technology A tribute to Hans von Ohain's vision p 477 N83-26805
- Aircraft aerodynamic prediction method for V/STOL transition including flow separation [NASA-CR-166467] p 426 N83-26818

Aerodynamic performance of a fan stage utilizing Variable Inlet Guide Vanes (VIGVs) for thrust modulation --- subsonic V/STOL aircraft  
[NASA-TM-83438] p 504 N83-27957  
V/STOL fountain force coefficient  
[AD-A126261] p 528 N83-29200  
V/STOL propulsion control analysis Phase 2, task 5-9  
[NASA-CR-165523] p 684 N83-32804  
Short takeoff performance using a gravity assist ski jump  
[AD-A126456] p 679 N83-33879

#### VACUUM APPARATUS

A study of hypersonic low-density gas flows in low-pressure blowdown wind tunnels using pressure tanks p 373 A83-30680

#### VACUUM FURNACES

Isothermal gradient heat-pipes space furnace (500 to 1000 deg C) p 633 N83-31659

#### VACUUM TUBES

Vacuum fluorescent tubes p 611 N83-30422

#### VALUE ENGINEERING

Life cycle cost management - An engineer's view [AIAA PAPER 83-2451] p 770 A83-48334  
Flight testing operations procedure [AD-A116984] p 26 N83-10030

#### VALVES

Preliminary engineering study Quick opening valve MSFC high Reynolds number wind tunnel [NASA-CR-170845] p 632 N83-31612  
Preliminary engineering study quick opening valve MSFC high Reynolds number wind tunnel (study report appendices) [NASA-CR-170849] p 690 N83-33906

#### VANELESS DIFFUSERS

Alternative vaneless diffusers and collecting volutes for turbocharger compressors [ASME PAPER 83-GT-32] p 760 A83-47894  
Distinction between different types of impeller and diffuser rotating stall in a centrifugal compressor with vaneless diffuser [ASME PAPER 83-GT-61] p 714 A83-47917

#### VANES

Evaluation of air-cooled Si3N4 vanes p 224 A83-22263  
Vane camber and angle of incidence effects in fan noise generation [AIAA PAPER 83-0766] p 280 A83-25956  
The effect of variation of diffuser design on the performance of centrifugal compressors p 448 A83-35866

Structural response due to blade vane interaction [ASME PAPER 83-GT-133] p 740 A83-47960  
Developments in air cooling of gas turbine vanes and blades

[ASME PAPER 83-GT-160] p 742 A83-47984  
NASA LeRC/Akron University Graduate Cooperative Fellowship Program and Graduate Student Researchers Program

[NASA-CR-167943] p 74 N83-10970  
Measured and calculated wall temperatures on air-cooled turbine vanes with boundary layer transition [NASA-TM-83030] p 183 N83-14432

Erosion of protective compressor coatings [NLR-MP-87067-U] p 228 N83-17716  
Flight flutter testing with emphasis on the tip vane method p 628 N83-30381

Stagnation region gas film cooling Effects of dimensionless coolant temperature [NASA-CR-168197] p 645 N83-30960

#### VAPOR DEPOSITION

The corrosion resistance of protective coatings p 223 A83-21454

#### VAPOR PRESSURE

A rapid method for determining the initial boiling point and the saturated-vapor pressure of petroleum products --- jet fuel tests in railroad tank cars p 229 A83-20962  
Thermodynamics of organic compounds [AD-A125022] p 483 N83-27895

#### VAPORIZERS

Increasing the combustion efficiency of fuel in an air-heating chamber operating on a prevaporized fuel p 614 A83-42151  
The Rolls-Royce annular vaporizer combustor [ASME PAPER 83-GT-49] p 738 A83-47908

#### VAPORIZING

Fuel vaporization effects p 553 N83-29214

#### VARIABLE CYCLE ENGINES

Full Authority Digital Electronic Control (FADEC) - Augmented fighter engine demonstration [SAE PAPER 821371] p 532 A83-37963  
Development of a compact real-time turbofan engine dynamic simulation [SAE PAPER 821401] p 533 A83-37974

Full-authority fault-tolerant electronic engine control system for variable cycle engines [AD-A121748] p 359 N83-21357

Contracts, grants and funding summary of supersonic cruise research and variable-cycle engine technology programs, 1972 - 1982 [NASA-TM-85650] p 666 N83-33848

Advanced digital controller development program, task 1 [AD-A129269] p 749 N83-36034

#### VARIABLE MASS SYSTEMS

VTOL aircraft stability p 45 A83-10577  
General basic concepts for a trajectory simulation of a guided missile [PML-1981-38] p 221 N83-17574

#### VARIABLE PITCH PROPELLERS

Approximate parametric method for propeller thrust estimation [ESDU-83001] p 664 N83-32769

#### VARIABLE SWEEP WINGS

Variable sweep wing design [AIAA PAPER 83-1051] p 438 A83-36461  
Application of slender wing benefits to military aircraft [AIAA PAPER 83-2566] p 717 A83-49596  
A wind-tunnel investigation of the application of the NASA supercritical nozzle to a variable-wing-sweep fighter airplane

[NASA-TM-X-2759] p 5 N83-11028  
Stability and control characteristics at Mach numbers 1.60 to 2.86 of a variable-sweep fighter configuration with supercritical airfoil sections --- Langley unitary plan wind tunnel tests

[NASA-TM-X-2284] p 52 N83-11141  
Application of variable-sweep wings to commuter aircraft [NASA-CR-166067] p 265 N83-18713

#### VATOL AIRCRAFT

Piloted simulation of hover and transition of a vertical attitude takeoff and landing aircraft p 516 A83-37064

#### VECTOR ANALYSIS

Orbit prediction for IRAS using vector and analytic techniques --- Infra-Red Astronomical Satellite [IAF PAPER 83-315] p 755 A83-47338

#### VECTORS (MATHEMATICS)

Structural model tuning via vector optimization [AD-A124791] p 477 N83-26103

#### VEHICLES

A structural-ceramic research program A preliminary economic analysis [DE83-014263] p 766 N83-36499

#### VELOCITY

Flutter prediction in forward swept wings by assumed modes and strip theory [AD-A124715] p 461 N83-25719  
Fuel conservation evaluation of US Army helicopters Part 3 UH-1H flight testing [AD-A125667] p 527 N83-27985

#### VELOCITY COUPLING

Velocity coupling A new concept for hover and axial flow wake analysis and design p 193 N83-17478

#### VELOCITY DISTRIBUTION

Instantaneous turbulence profiles in the wake of an oscillating airfoil p 312 A83-28951  
The performance of an annular vane swirler --- to aid in modeling gas turbine combustor flowfields and swirling confined flow turbulence [AIAA PAPER 83-1326] p 455 A83-36340

A supersonic velocity field in the region of interference between a wing and a body having a common apex p 495 A83-37802

Determination of full pressure losses in stepped annular diffusers with rectilinear outer walls and a uniform velocity field at the inlet p 613 A83-42130  
Prediction of boundary-layer characteristics of an oscillating airfoil p 660 A83-46435

Prediction and experimental verification of the velocity fields of a rotor during hovering p 193 N83-17477  
Analytical modeling of operating characteristics of premixing-prevaporizing fuel-air mixing passages p 537 N83-29209

Fuel spray diagnostics p 538 N83-29212  
Dilution jet experiments in compact combustor configurations p 538 N83-29218

Strong winds in the atmosphere boundary layer Part 1 Mean hourly wind speeds --- wind loads on buildings and structures [ESDU-82026-AMEND-A] p 700 N83-33209

#### VELOCITY MEASUREMENT

Concerning the measurement of aircraft acceleration p 158 A83-16876  
Minimum contact magnetic sensing of turbine blade speed p 391 A83-30175

A version of a single-beam laser time-of-flight method for measuring flight velocity p 557 A83-37642

Direct aircraft velocity determination by L-band moving target detector radar [AD-A117512] p 27 N83-10031

Velocity perturbation of a flyer approaching a rigid impermeable barrier and the transmitted pressure pulse [DE83-007770] p 632 N83-30443

#### VENTILATION

Proceedings of the AGARD Fluid Dynamics Panel Specialists Meeting on Wall Interference in Wind Tunnels [AGARD-AR-190] p 550 N83-29277

Wind-tunnel research of flowfields within naturally ventilated rooms of simple geometry [DE83-008110] p 644 N83-30813

#### VENTILATION FANS

Experimental research on the design of highly loaded axial fans --- German thesis p 493 A83-37498

#### VENTS

Computer studies of ACV heave performance as a function of vent valve control parameters p 460 A83-34854

#### VENTURI TUBES

A vortex venturi for reverting antimisting fuel properties [ASME PAPER 83-GT-137] p 741 A83-47964

#### VERTICAL AIR CURRENTS

Significant events in low-level flow conditions hazardous to aircraft [NASA-TM-82522] p 410 N83-25268

#### VERTICAL FLIGHT

Vertical seeking ejection seat boosts pilots odds p 525 A83-40305  
Optimal symmetric flight with an intermediate vehicle model [AIAA PAPER 83-2238] p 596 A83-41715

Vertical flight path and speed control autopilot design using total energy principles [AIAA PAPER 83-2239] p 622 A83-41716

Application of optimal control synthesis to integrated vertical flight path and airspeed control for an advanced fighter [AIAA PAPER 83-2560] p 751 A83-49594

Computer programs for generation and evaluation of near-optimum vertical flight profiles [NASA-CR-3688] p 389 N83-24500

#### VERTICAL LANDING

US Navy STOVL - Waiting in the wings p 153 A83-19450  
A visual technology research simulator for Vertical Take Off and Landing (VTOL) [AD-A115626] p 207 N83-12103

#### VERTICAL ORIENTATION

Vertical accelerations of a large aircraft during landing and taxiing [NLR-TR-82001-U] p 389 N83-23298  
Investigation of a third order baro-damped vehicle channel of INS [AD-A124882] p 432 N83-26828

Advanced composite vertical stabilizer for DC-10 transport aircraft [NASA-CR-172780] p 607 N83-31595  
On the prediction of the lateral/directional characteristics of distributed jet STOL configurations [AD-A128902] p 688 N83-33905

#### VERTICAL TAKEOFF

Ames expands rotorcraft capability p 173 A83-18273  
Aerodynamic ejectors in the UK [BAE-KRS-N-GEN-243] p 607 N83-31594

#### VERTICAL TAKEOFF AIRCRAFT

VTOL aircraft stability p 45 A83-10577  
A remote augmentor lift system with a turbine bypass engine p 163 A83-19595

Aircraft maneuver mechanics with turning of the power-plant thrust vector p 216 A83-22076  
Entrainment and mixing in thrust augmenting ejectors [AIAA PAPER 83-0172] p 419 A83-36046

Surface pressures induced on a flat plate with in-line and side-by-side dual jet configurations [AIAA PAPER 83-1849] p 500 A83-38677

New concept for low cost VTOL cargo delivery capability [AIAA PAPER 83-2207] p 584 A83-41691  
Hovering limit cycles - A man-in-the-loop approach [AIAA PAPER 83-2232] p 621 A83-41710

Supersonic V/STOL - Tandem fan concepts [AIAA PAPER 83-2567] p 746 A83-49597  
Research and development of lift-jet engine, 2 [NAL-TR-700] p 200 N83-12085

A remote augmentor lift system with a turbine bypass engine [NASA-TM-82932] p 200 N83-12087  
A visual technology research simulator for Vertical Take Off and Landing (VTOL) [AD-A115626] p 207 N83-12103



- Conceptual design, evaluation and research identification for Remote Augmented Propulsive Lift Systems (RALS) with ejectors for VTOL aircraft [NASA-CR-167906] p 202 N83-13103
- Critera for handling qualities of military aircraft [AD-A124222] p 217 N83-17555
- Viscous flowfields induced by three-dimensional lift jets in ground effect [AD-A121026] p 301 N83-19062
- Proceedings Ejector Workshop for Aerospace Applications [AD-A124264] p 395 N83-24510
- A preliminary assessment of helicopter/VSTOL handling qualities specifications [AD-A124667] p 461 N83-25716
- VSTOL fountain force coefficient [AD-A126261] p 528 N83-29200
- VERY HIGH FREQUENCIES**
- Multiple diffraction effects in VHF propagation p 182 N83-18725
- A rapid-tuning high-power pod-mounted VHF antenna system p 430 N83-35088
- The performance of VHF and UHF aenals mounted on carbon fiber composite materials p 560 N83-28092
- VERY LOW FREQUENCIES**
- A Differential Omega/VLF Navigator p 254 N83-24856
- VESTS**
- Ejection seat-mounted crewmember restraint integrated with survival vest and flotation [AD-A126859] p 585 N83-30399
- VHF OMNIRANGE NAVIGATION**
- Effects of thermal noise and interference due to scatterers on VOR system accuracy p 18 N83-11092
- Effects of finite wire scatterers in the field of VOR p 144 N83-19039
- Simple integrated navigation systems p 256 N83-24873
- Technical and operational evaluation of wide-area coverage navigation systems in the continental United States p 321 N83-28594
- VOR/DME automated station selection algorithm p 321 N83-28597
- VOR area navigation - Techniques and results p 323 N83-29205
- A theoretical framework for analysis of lateral position errors in VOR jet-route systems p 431 N83-35273
- LORAN-C nonprecision approaches in the northeast comdor [FAA-RD-82-78] p 515 N83-29192
- VHSIC (CIRCUITS)**
- Multiscenario imaging sensor autoprocessor --- for target recognition p 22 N83-11224
- VIBRATION**
- Parametrically excited vibrations in theory and practice p 407 N83-32961
- Finite element prediction of damping in beams with constrained viscoelastic layers p 66 N83-10223
- Bending-torsion flutter of a highly swept advanced turboprop [NASA-TM-82975] p 68 N83-11514
- Rotordynamic instability field problems p 186 N83-15630
- Field experiences with rub induced instabilities in turbomachinery p 186 N83-15631
- Analysis of a turbine rotor containing a transverse crack at Oak Creek Unit 17 p 186 N83-15632
- Shaft vibrations in turbomachinery excited by cracks p 187 N83-15635
- Rotor vibration caused by external excitation and rub p 187 N83-15637
- Vibration and destabilizing effects of floating ring seals in compressors p 187 N83-15642
- Vibration in turbomachinery: A bibliography of research reports (1966 - 1981) [CUEO/A-TURBO-TR-109] p 301 N83-19129
- Feed-pump hydraulic performance and design improvement. Phase 1 Research program design, volume 1 [DE82-903116] p 303 N83-20165
- Computer control and activation of six-degree-of-freedom simulator [AD-A126126] p 549 N83-28010
- Modification of flight vehicle vibration modes to account for design changes p 607 N83-30790
- Interior noise and vibration measurements on operational military helicopters and companions with various nde quality criteria [NASA-TM-84664] p 653 N83-32518
- Activities of the Institute of Sound and Vibration Research p 707 N83-33687
- VIBRATION DAMPING**
- Analysis and flight data for a drone aircraft with active flutter suppression p 29 N83-10192
- On the damping effect of sloshing fluid on flexible rotor systems [ASME PAPER 82-DET-140] p 65 N83-12783
- The effect of aerodynamic coupling between the blades of a cascade on the aerodynamic damping of blade vibrations and the onset of blading flutter p 182 N83-19312
- Bending vibrational behavior of laminated rotors --- German thesis p 182 N83-19620
- Flight test results of an active flutter suppression system p 216 N83-22164
- Friction damping of flutter in gas turbine engine airfoils p 274 N83-24038
- Stochastic control and identification enhancement for the flutter suppression problem p 286 N83-26544
- Aeroelastic tailoring of rotor blades for vibration reduction in forward flight [AIAA 83-0916] p 329 N83-29844
- Design of the flutter suppression system for DAST ARW-1R - A status report [AIAA 83-0990] p 330 N83-29868
- Active suppression of aeroelastic instabilities on a forward swept wing [AIAA 83-0991] p 341 N83-29869
- Anti-flutter control concept using a reduced non-linear dynamic model of elastic structure aircraft [AIAA 83-0993] p 341 N83-29870
- Test demonstration of digital control of wing/store flutter p 383 N83-30163
- Higher harmonic control for the jet smooth nde p 396 N83-33096
- Design of dry-friction dampers for turbine blades p 450 N83-35883
- Rigid-body structural mode coupling on a forward swept wing aircraft p 594 N83-41046
- Blade design for reduced helicopter vibration p 594 N83-41076
- The use of actuator-disc dynamic inflow for helicopter flap-lag stability p 595 N83-41081
- Active flutter suppression using eigenspace and linear quadratic design techniques [AIAA PAPER 82-2222] p 621 N83-41702
- Active control of parameter-excited rotor systems p 642 N83-42982
- A study of the damping capacity of rods in a centrifugal force field p 695 N83-45322
- An investigation into the effect of side-plate clearance in an uncentralized squeeze-film damper [ASME PAPER 83-GT-176] p 761 N83-47975
- Effects of static friction on the forced response of frictionally damped turbine blades [ASME PAPER 83-GT-155] p 741 N83-47981
- International Symposium on Aeroelasticity, Nuremberg, West Germany, October 5-7, 1981, Collected Papers [DGLR BERICHT 82-01] p 711 N83-49176
- Identification and control of flutter on military combat aircraft p 730 N83-49187
- Active control of near frequency coalescence flutter p 750 N83-49191
- The F-4 flutter suppression program p 730 N83-49192
- Application of Zimmerman flutter-margin criterion to a wind tunnel model [NASA-TM-84545] p 192 N83-12070
- Influence of parameter changes to stability behavior of rotors p 187 N83-15648
- Vibration limiting of rotors by feedback control p 187 N83-15656
- Survey of active and passive means to reduce rotorcraft vibrations [MBB-UD-350] p 206 N83-16335
- Vibration-free internal combustion engine for general aviation [BMFT-FB-W-82-016] p 213 N83-16347
- Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft [NASA-TM-84901] p 265 N83-18710
- Development of a passive rotor isolation system for helicopters --- vibration isolators [BMFT-FB-W-82-026] p 389 N83-23296
- Development of monofilar rotor hub vibration absorber [NASA-CR-166088] p 549 N83-29272
- Active vibration control of large flexible structures p 644 N83-30729
- Department of Aeroacoustics p 706 N83-32980
- VIBRATION EFFECTS**
- On the possibility of balancing rotating flexible shafts p 180 N83-17724
- Analysis of missile response to gunfire environment --- vibration and shock effects on captive-carry configuration aboard aircraft p 384 N83-31495
- A theoretical framework for analysis of lateral position errors in VOR jet-route systems p 431 N83-35273
- The effect of the stator with unequal pitch cascades on the compressor blade vibration p 42 N83-10013
- Technical evaluation Report. The Specialists' Meeting on Dynamic Environmental Qualification Techniques [AD-A121879] p 31 N83-10039
- The vibration characteristics of a coupled helicopter rotor-fuselage by a finite element analysis [NASA-TP-2118] p 265 N83-18714
- VIBRATION ISOLATORS**
- Procedure for evaluation of engine isolators for reduced structure-borne noise transmission p 199 N83-15320
- Vibration isolation system development for the FB-111 tail pod electronics p 150 N83-16932
- Specification, design, and test of aircraft engine isolators for reduced interior noise [AIAA PAPER 83-0718] p 279 N83-25932
- Experimental investigation on the role of flexbars and metallic end seals in squeeze film dampers --- of gas turbine engines p 473 N83-35862
- Analytical and experimental investigation of a bearingless hub-absorber p 594 N83-41077
- Selecting shock and vibration isolators p 697 N83-46346
- The system ARIS and its employment in the development of future helicopters p 725 N83-47196
- Power turbine dynamics - An evaluation of a shear-mounted elastomeric damper [ASME PAPER 83-GT-228] p 763 N83-48025
- Helicopter vibration suppression using simple pendulum absorbers on the rotor blade p 204 N83-13109
- Design and test of aircraft engine isolators for reduced interior noise [NASA-CR-166021] p 190 N83-15042
- Survey of active and passive means to reduce rotorcraft vibrations [MBB-UD-350] p 206 N83-16335
- Further advances in helicopter vibration control p 334 N83-22477
- Development of a passive rotor isolation system for helicopters --- vibration isolators [BMFT-FB-W-82-026] p 389 N83-23296
- VIBRATION MEASUREMENT**
- Vibrational diagnostics of gas-turbine blades p 473 N83-35040
- Modern technology and airborne engine vibration monitoring systems [AIAA PAPER 83-1240] p 444 N83-36303
- Change in vibrations of an flexible rotor due to a change in bearings p 558 N83-39423
- Blade vibration measurements on centrifugal compressors by means of telemetry and holographic interferometry [ASME PAPER 83-GT-131] p 740 N83-47959
- Vibration analysis of radial compressor impellers [ASME PAPER 83-GT-156] p 761 N83-47982
- Operational military helicopter interior noise and vibration measurements with companions to nde quality criteria [AIAA PAPER 83-2526] p 728 N83-48364
- Flight flutter testing with emphasis on the tip vane method p 628 N83-30381
- A precision inertial angular vibration measuring system p 644 N83-30758
- VIBRATION MODE**
- Analysis and flight data for a drone aircraft with active flutter suppression p 29 N83-10192
- Application of laser holographic interferometry to vibration analysis of aircraft beam structure model p 300 N83-26765
- On an algorithm for solving the incomplete eigenvalue problem in the vibration analysis of complex structures of fuselage type p 354 N83-29278
- An analysis of the natural vibrations of the rotors of centrifugal compressor machines p 405 N83-30310
- The response of aircraft to pulse excitation p 434 N83-34312
- Excitation and vibration of flexible bladed disks under operating and simulated operation conditions p 449 N83-35881
- Simulation of advanced engine lubrication and rotor dynamics systems - Rig design and fabrication [AIAA PAPER 83-1133] p 450 N83-36278
- Longitudinal modes of gas oscillations in the main combustion chamber of gas-turbine engines p 535 N83-39169
- Evaluation of four subcritical response methods for on-line prediction of flutter onset in wind tunnel tests p 753 N83-48212
- VIBRATION TESTS**
- The McDonnell Aircraft environmental test laboratory p 172 N83-16931
- Flight flutter testing with emphasis on the tip vane method [ONERA, TP NO 1982-109] p 152 N83-18435
- Preventing the strength failure of machines by vibrodiagnostic techniques p 182 N83-19313

- Preventing the strength failure of machines by vibrodiagnostic methods II - The use of vibrodiagnostics for preventing the failure of certain parts and assemblies of gas-turbine engines p 182 A83-19314
- Evaluation of interior noise control treatments for high-speed propfan-powered aircraft [AIAA PAPER 83-0693] p 264 A83-25914
- Dynamic characteristics of the 40-by 80-/80-by 120-foot wind tunnel drive fan blades [AIAA 83-0918] p 346 A83-29846
- Design for random - An example --- vibration testing power supply for drone aircraft p 405 A83-30856
- Low cost random vibration testing p 405 A83-31489
- Automated diagnostic system for engine maintenance --- vibration data extraction from gas turbine engines [ASME PAPER 83-GT-103] p 739 A83-47943
- Survey of the state of the art in modern ground vibration testing p 753 A83-49184
- The Shock and Vibration Bulletin Part 2 Environmental testing, shock testing, shock analysis [AD-D432830] p 66 A83-10231
- Random impact vibration testor p 66 A83-10234
- Vibration qualification of equipment mounted in turboprop aircraft p 31 A83-10238
- Vibration test level criteria for aircraft equipment p 31 A83-10240
- The Shock and Vibration Bulletin Part 3 Analytical methods, dynamic analysis, vehicle systems [AD-D432842] p 66 A83-10253
- Coupled rotor/airframe vibration analysis [NASA-CR-3582] p 154 A83-14105
- Measurements of self-excited rotor-blade vibrations using optical displacements [NASA-TM-82953] p 183 A83-14523
- Rotordynamic Instability Problems in High-Performance Turbomachinery [NASA-CP-2250] p 186 A83-15629
- Aeroelastic instability stoppers for wind tunnel models [NASA-CASE-LAR-12458-1] p 361 A83-21503
- Aircraft equipment random vibration test criteria based on vibrations induced by turbulent airflow across aircraft external surfaces [AD-A123281] p 440 A83-25696
- Flight flutter testing with emphasis on the tip vane method p 628 A83-30381
- The Shock and Vibration Bulletin, no 52 Part 1 Welcome, keynote address, invited papers, rotor dynamics and machinery vibration [BULL-52-PT-1] p 644 A83-30684
- SLV-3 flight vibration environment p 629 A83-30721
- Vibration analysis of a helicopter plus an externally-attached structure p 607 A83-30769
- The vibration test unit, a unique rail vehicle vibration test facility p 632 A83-30774
- VIBRATIONAL STRESS**
- Helicopter vibration reduction by local structural modification p 215 A83-16028
- Turboprop blade stresses induced by the flow distortion of a VTOL inlet at high angles of attack [NASA-TM-82963] p 194 A83-17509
- VIBRATORY LOADS**
- Wind tunnel results showing rotor vibratory loads reduction using higher harmonic blade pitch p 169 A83-18385
- High frequency fatigue of turbine blade material [AD-A124585] p 458 A83-25713
- VIDEO DATA**
- Operational sensitivity of EW receivers p 22 A83-11234
- VIDEO DISKS**
- Design of a real-time CGSI system [AIAA PAPER 83-1101] p 474 A83-36221
- VIDEO EQUIPMENT**
- Video distribution requirements for future tactical aircraft p 21 A83-11182
- Application of video multiplexing to design of cockpit display systems [AD-A122127] p 271 A83-19752
- VIDEO LANDMARK ACQUISITION AND TRACKING**
- Application of image understanding to automatic tactical target acquisition p 25 A83-12878
- VIDICONS**
- Pyroelectric IR imaging sensors - The potential for compact inexpensive RPV payloads p 609 A83-43712
- VISCOELASTICITY**
- Finite element prediction of damping in beams with constrained viscoelastic layers p 66 A83-10223
- VISCOMETERS**
- Reduction of aerodynamic drag Torsion disc viscometry [AD-A117859] p 10 A83-10020
- High accuracy fuel flowmeter, phase 1 [NASA-CR-167893] p 359 A83-21314

## VISCOMETRY

- Viscometric and misting properties of polymer-modified fuel [NASA-CR-169750] p 226 A83-16543

## VISCOSITY

- Explicit and implicit corrected viscosity schemes for the computation of steady transonic flows p 177 A83-14606

- Lubricant effects on efficiency of a helicopter transmission p 185 A83-15523

## VISCIOUS FLOW

- Effects of viscosity on transonic-aerodynamic and aeroelastic characteristics of oscillating airfoils [AIAA 83-0888] p 312 A83-29835

- The aerodynamics of hypersonic velocities (On flows with low Mach numbers) p 417 A83-35535

- Numerical calculations of time dependent three-dimensional viscous flows in a blade passage with tip clearance [AIAA PAPER 83-1171] p 420 A83-36258

- Three-dimensional compressible viscous analysis of mixer nozzles [AIAA PAPER 83-1401] p 422 A83-36391

- Viscous effects on a swept wing in transonic flow [AIAA PAPER 83-1804] p 497 A83-38638

- Flow in a hypersonic boundary layer on a delta wing of finite length at angle of attack p 581 A83-43522

- Computation of aerodynamic forces on bodies with non-circular cross-section in supersonic viscous flow [AIAA PAPER 83-2077] p 660 A83-45519

- Performance evaluation of centrifugal compressor impellers using three-dimensional viscous flow calculations [ASME PAPER 83-GT-62] p 714 A83-47918

- A method for calculating the regime of strong viscous interaction on a delta wing p 716 A83-48664

- Estimation of simulation errors and investigations of operating range extensions for the European Transonic Wind tunnel (ETW) [BMFT-FB-W-82-003] p 58 A83-11152

- A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 2 [NASA-CR-159380] p 191 A83-16289

- Experimental investigation of a 10-percent-thick helicopter rotor airfoil section designed with a viscous transonic analysis code [NASA-TP-1864] p 582 A83-30389

- VISCOUS FLUIDS**
- Angular motion of a spinning projectile with a viscous liquid payload p 544 A83-37067

- VISIBILITY**
- Lidar system for visibility monitoring p 406 A83-32449

- Identification of exit taxiways (retroreflective markers only) [AD-A117487] p 58 A83-11151

- Instrument approach aids for helicopters [FAA-RD-82-6] p 187 A83-12061

- Aircraft accident report Sun West Airlines Flight 104, Piper PA-31-350(T-1020), N41070, Durango-LaPlata County Airport, Durango, Colorado, December 31, 1981 [PB82-910413] p 197 A83-16309

- Desirable characteristics of underwater lights for helicopter escape hatches [AD-A120510] p 198 A83-16312

- An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 1 Smoke [PB83-113522] p 251 A83-19727

- Suppression of ice fog from the Fort Wainwright, Alaska, cooling pond [AD-A123069] p 409 A83-24073

- Development of an airborne visibility meter [AD-A124276] p 410 A83-25327

- VISIBLE INFRARED SPIN SCAN RADIOMETER**
- Application of VAS multispectral imagery to aviation forecasting --- VISSR Atmospheric Sounder for GOES satellites p 408 A83-30561

- VISIBLE SPECTRUM**
- Light emitting diodes p 611 A83-30419

- VISION**
- Image Processing Techniques [AGARD-LS-119] p 67 A83-11390

- VISUAL ACUITY**
- Variable acuity remote viewing system flight demonstration [NASA-CR-170404] p 531 A83-29204

- VISUAL AIDS**
- Identification of exit taxiways (retroreflective markers only) [AD-A117487] p 58 A83-11151

- A visual technology research simulator for Vertical Take Off and Landing (VTOL) [AD-A158626] p 207 A83-12103

- Development of the precision approach path indicator light unit [RAE-TM-FS(B)-483] p 202 A83-17527

- Evaluation of retroreflective pavement markers for precision and nonprecision runways [FAA-CT-82-112] p 220 A83-17558

- Evaluation of supplemental lights for caution bars [FAA-CT-82-119] p 220 A83-17559

- An analytical evaluation of three visual approach slope indicators [AD-A122973] p 382 A83-23290

## VISUAL CONTROL

- An in-flight investigation of pilot-induced oscillation suppression filters during the fighter approach and landing task [NASA-CR-163116] p 204 A83-13110

- Motion/visual cueing requirements for vortex encounters during simulated transport visual approach and landing [NASA-TP-2136] p 333 A83-22192

## VISUAL DISCRIMINATION

- Hazards of colour coding in visual approach slope indicators [ARL/REPT-25] p 186 A83-12057

## VISUAL FLIGHT

- Real time simulation of mission environments for avionics systems integration [AIAA PAPER 83-1097] p 463 A83-36217

- DFVLR-remote slant visual range (SVR) and wind vector measuring systems p 565 A83-38750

## VISUAL FLIGHT RULES

- Modeling the spatial distribution of aircraft on visual flight rules p 253 A83-24040

## VISUAL PERCEPTION

- Dot-matrix display light measurement and interpretation techniques --- for qualification tests techniques p 36 A83-11257

- Determination of motion and visual system requirements for flight training simulators [AD-A117555] p 57 A83-11149

- Three-Dimensional Displays Perceptual Research and Applications to Military Systems [AD-A122577] p 309 A83-20692

- Critical research issues on cockpit applications of 3-D displays p 272 A83-20697

- Issues in the evaluation of 3-D display applications p 309 A83-20699

- Applicability of 3D display research to operational needs p 272 A83-20702

- Motion/visual cueing requirements for vortex encounters during simulated transport visual approach and landing [NASA-TP-2136] p 333 A83-22192

- Theory underlying the peripheral vision horizon device [AD-A124426] p 445 A83-25710

- Research and analysis of head-directed area-of-interest visual system concepts [NASA-CR-166480] p 467 A83-26849

- Human factors aspects of displays p 610 A83-30415

## VISUAL TASKS

- Pilot task profiles, human factors, and image realism p 219 A83-22836

## VITON

- Power turbine dynamics - An evaluation of a shear-mounted elastomeric damper [ASME PAPER 83-GT-228] p 763 A83-48025

## VOICE COMMUNICATION

- F-16 voice message system study p 19 A83-11121

- Voice techniques on board aircraft - An experimental approach p 19 A83-11123

- Bus protocols for a digital audio distribution system p 19 A83-11126

- Pilot ability to understand synthetic voice and radio voice when received simultaneously [AD-A119137] p 219 A83-13338

- Application of advanced speech technology in manned penetration bombers [AD-A119274] p 219 A83-13344

- Electronic voice communications improvements for Army aircraft [AD-A119427] p 183 A83-14387

## VOICE CONTROL

- Testing of voice control device for aircraft avionics applications p 19 A83-11122

- Voice-actuated avionics p 724 A83-48891

- Automatic recognition of speech in military aircraft p 702 A83-34186

## VOICE DATA PROCESSING

- F-16 voice message system study p 19 A83-11121

- General review of military applications of voice processing p 701 A83-34180

## VOIDS

- Evaluation of the effect of voids in composite main rotor blades p 472 A83-33507

- Evaluation of the effect of voids in composite main rotor blades p 435 A83-35950

## VOLATILITY

- Effect of volatility on air-fuel ratio distribution and torque output of a carbureted light aircraft piston engine  
[FAA-CT-82-117] p 393 N83-23308

## VOLT-AMPERE CHARACTERISTICS

- A mathematical model for the doubly fed wound rotor generator  
[NASA-TM-83454] p 702 N83-34192

## VOLTAGE GENERATORS

- Low power, air-cooled DC-Link aircraft generation systems  
p 338 A83-27324

## VOLTAGE REGULATORS

- EASYS balanced load simulation of a bang-bang voltage regulator controlled synchronous generator --- of rotor aircraft  
p 40 A83-11203
- Low power, air-cooled DC-Link aircraft generation systems  
p 338 A83-27324

## VORTEX ALLEVIATION

- Helicopter blade tips  
[AAAF PAPER NT 81-19] p 8 A83-11778
- Development of the vortex ring wake model and its influence on the prediction of rotor loads  
p 194 N83-17481

- An appraisal of rotor blade-tip vortex interaction and wake geometry from flight measurements  
p 194 N83-17488

- Flow visualization of the wake of a transport aircraft model with lateral-control oscillations  
[NASA-TM-84623] p 491 N83-27951

## VORTEX AVOIDANCE

- Motion/visual cueing requirements for vortex encounters during simulated transport visual approach and landing  
[NASA-TP-2136] p 333 N83-22192

## VORTEX BREAKDOWN

- A study of the effect of the transverse sweep of delta wings on their vortex structures and aerodynamic characteristics in separated flows at low subsonic velocities  
p 178 A83-15096

- The leading-edge vortex trajectories of close-coupled wing-canard configurations and their breakdown characteristics  
[AIAA PAPER 83-1817] p 498 A83-38649

- An investigation of the breakdown of the leading edge vortices on a delta wing at high angles of attack  
[AIAA PAPER 83-2114] p 579 A83-41941

- Experimentation with turbulent flows experiencing the effects of an adverse pressure gradient  
[ONERA, TP NO 1983-36] p 659 A83-44314

- Slender wings with leading edge vortex-separation  
p 661 A83-46466

- Laser-Doppler velocimeter (LDV) measurements of the velocity field of a leading edge vortex over a delta wing before and after vortex breakdown  
[VKI-TN-142] p 192 N83-16300

- Numerical simulation of vortex breakdown by the vortex-filament method  
[NASA-TM-84334] p 563 N83-29636

## VORTEX FLAPS

- Jet wing vortex lattice theory with nonlinear wake and tip flows  
[AIAA PAPER 83-0263] p 133 A83-16619

- Segmented vortex flaps  
[AIAA PAPER 83-0424] p 134 A83-16706

- The impact of strakes on a vortex-flapped delta wing  
[AIAA PAPER 83-1814] p 497 A83-38647

- An investigation of wing leading-edge vortices at supersonic speeds  
[AIAA PAPER 83-1816] p 498 A83-38648

- Experimental and analytical investigation of the subsonic aerodynamics of slender wings with leading-edge vortex flaps  
[AIAA PAPER 83-2113] p 579 A83-41940

- Pressure investigation of NASA leading edge vortex flaps on a 60 deg Delta wing  
[NASA-CR 169984] p 244 N83-18672

- Wind tunnel investigation of cargo extraction parachutes in the wake of a Lockheed C-141B Starlifter aircraft  
[AD-A124523] p 425 N83-25675

## VORTEX GENERATORS

- Vortex theory for hovering rotors  
p 177 A83-13144
- Aeroacoustical characteristics of a mechanical noise suppressor in a nozzle configuration with a central tailcone  
p 222 A83-13590

- Investigation of the possibility of reducing aerodynamic drag by a mechanism of initial vortex formations  
p 374 A83-30723

- Alleviation of the subsonic pitch-up of delta wings  
p 374 A83-32583

- Experimental study of a high-through-flow transonic axial compressor stage  
p 419 A83-35853

- Wind-Tunnel investigation of effects of underwing leading-edge vortex generators of a supercritical-wing research airplane configuration  
[NASA-TM-X-2471] p 4 N83-11019

- Wind-tunnel development of underwing leading-edge vortex generators on a NASA supercritical-wing research airplane configuration  
[NASA-TM-X-2808] p 6 N83-11032

- Missile body vortices and their interaction with lifting surfaces  
p 245 N83-18695

- Experimental study of wing leading-edge devices for improved maneuver performance of a supercritical maneuvering fighter configuration --- Langley 7- by 10-ft high speed tunnel tests  
[NASA-TP-2125] p 316 N83-22162

- Summary Proceedings of a Wind Shear Workshop  
[NASA-CP-2270] p 410 N83-25265

- An investigation of flow improvement devices for reducing propeller excited vibration --- ship propellers  
[NMI-R-157] p 702 N83-34223

## VORTEX RINGS

- Investigation of the possibility of reducing aerodynamic drag by a mechanism of initial vortex formations  
p 374 A83-30723

- Development of the vortex ring wake model and its influence on the prediction of rotor loads  
p 194 N83-17481

## VORTEX SHEDDING

- Rotor-vortex interaction noise  
[AIAA PAPER 83-0720] p 367 A83-29950

- Navier-Stokes calculations for the vortex wake of a rotor in hover  
[AIAA PAPER 83-1678] p 492 A83-37184

- The fluid mechanics of slender wing rock --- vortex shedding of delta configurations  
[AIAA PAPER 83-1810] p 497 A83-38643

- Chicago Monostatic Acoustic Vortex Sensing System Volume 4 Wake vortex decay  
[AD-A120081] p 138 N83-15269

- A numerical study of Strake aerodynamics  
[AD-A125882] p 506 N83-29182

## VORTEX SHEETS

- The far field of an airfoil  
p 7 A83-10573
- Investigation of unsteady flow problems  
p 180 A83-16897

- Experimental investigation of the turbulent structure of vortex wakes  
[ONERA, TP NO 1983-107] p 717 A83-49418

## VORTICES

- Jet noise and the effects of jet forcing  
p 72 A83-10898

- Wake vortex attenuation flight tests - A status report  
p 30 A83-11806

- A note on the general scaling of helicopter blade-vortex interaction noise  
[ONERA, TP NO 1982-32] p 221 A83-13375

- The vortex theory of rotors  
p 178 A83-15095

- Evolution of aircraft trailing vortices in a stratified fluid  
[AIAA PAPER 83-0564] p 134 A83-18792

- Aerosound from corner flow and flap flow  
[AIAA PAPER 81-2039] p 237 A83-19813

- Numerical calculations for performances of propellers in a static-state by vortex theory accounting of slipstream deformation and their companions with experiments  
p 189 A83-22072

- Rotor hovering performance using the method of fast free wake analysis  
p 190 A83-22162

- The new hydrodynamic visualization laboratory of the aerodynamics division  
p 289 A83-23676

- A companion of model helicopter rotor Primary and Secondary blade/vortex interaction blade slap  
[AIAA PAPER 83-0723] p 307 A83-25934

- Measurements of the scattering of sound by a line vortex  
[AIAA PAPER 83-0676] p 365 A83-28004

- Full scale measurements of blade-vortex interaction noise  
p 482 A83-33505

- Recent studies at NASA-Langley of vortical flows interacting with neighboring surfaces  
p 417 A83-33972

- Calculation of subsonic flow past rectangular wings and their combinations on the basis of a discrete vortex scheme  
p 418 A83-35541

- Full-scale measurements of blade-vortex interaction noise  
p 435 A83-35947

- Stability experiments in rotating-disk flow  
[AIAA PAPER 83-1760] p 555 A83-37232

- On the accuracy of calculating the aerodynamic characteristics of thin wings and airfoils by the method of discrete vortices  
p 493 A83-37519

- The leading-edge vortex trajectories of close-coupled wing-canard configurations and their breakdown characteristics  
[AIAA PAPER 83-1817] p 498 A83-38649

- Measurements of an aircraft wake vortex system using a meteorological tower  
p 565 A83-38751

- Interactions of airfoils with gusts and concentrated vortices in unsteady transonic flow  
[AIAA PAPER 83-1691] p 502 A83-39267

- Influence of airplane components on rotational aerodynamic data for a typical single-engine airplane  
[AIAA PAPER 83-2135] p 579 A83-41957

- Half model testing applied to wings above and below stall  
p 661 A83-46455

- Slender wings with leading edge vortex-separation  
p 661 A83-46466

- A vortex venturi for reverting antimisting fuel properties  
[ASME PAPER 83-GT-137] p 741 A83-47984

- Experimental investigation of the turbulent structure of vortex wakes  
[ONERA, TP NO 1983-107] p 717 A83-49418

- Characteristics of the ground vortex developed by various V/STOL jets at forward speeds  
[AIAA PAPER 83-2494] p 717 A83-49585

- A note on the general scaling of helicopter blade-vortex interaction noise  
[AD-A118781] p 223 N83-12972

- Study of highly sweptback wings by the free vortex sheet method  
[NASA-CR-169559] p 181 N83-13076

- Subsonic steady and unsteady aerodynamic loads on missiles and aircraft  
[NASA-CR-169749] p 190 N83-16284

- Laser-Doppler velocimeter (LDV) measurements of the velocity field of a leading edge vortex over a delta wing before and after vortex breakdown  
[VKI-TN-142] p 192 N83-16300

- An appraisal of rotor blade-tip vortex interaction and wake geometry from flight measurements  
p 194 N83-17488

- Simplified free wake analysis for rotors  
[FFA-TN-1982-07] p 195 N83-17518

- Missile body vortices and their interaction with lifting surfaces  
p 245 N83-18695

- Preliminary rotor wake measurements with a laser velocimeter  
[NASA-TM-83246] p 301 N83-19018

- Lifting surface theory for a helicopter rotor in forward flight  
[NASA-CR-169997] p 246 N83-19709

- Pumped vortex  
[NASA-CASE-LAR-12615-1] p 246 N83-19715

- Aeroelastic loads prediction for an arrow wing Task 1 Evaluation of R P White's method  
[NASA-CR-3640] p 316 N83-22163

- Motion/visual cueing requirements for vortex encounters during simulated transport visual approach and landing  
[NASA-TP-2136] p 333 N83-22192

- Preliminary results of LDV surveys in the compressible leading edge vortex of a delta wing  
[VKI-TN-137] p 376 N83-23278

- Calculation of wing response to gusts and blast waves with vortex lift effect  
[NASA-CR-170340] p 408 N83-24796

- Experimental study of strength and existence domain of ground-to-air inlet vortices by ground board static pressure measurements  
[PB83-144865] p 460 N83-26843

- Experimental and analytical studies of a true airspeed sensor  
[NASA-CR-165704] p 530 N83-27989

- Unsteady flow effects in combustor systems  
p 562 N83-29232

- Calculation of lateral-directional stability derivatives of wings by a nonplanar quasi-vortex-lattice method  
[NASA-CR-165659] p 581 N83-30387

- An experimental study of pressures on 60 deg Delta wings with leading edge vortex flaps  
[NASA-CR-172833] p 583 N83-31576

- Lift and drag of two staggered lifting surfaces at low speeds  
[ESDU-81023] p 663 N83-32759

- Unsteady swirling flows in gas turbines  
[AD-A128386] p 685 N83-32812

- Vortex motion in axisymmetric piston-cylinder configurations  
[NASA-TM-85404] p 765 N83-35318

- A numerical study of flow past a rotating flat plate by the discrete vortex method  
p 766 N83-36401

## VORTICITY

- Computer-enhanced analysis of a jet in a cross stream  
p 228 A83-19804

- Considerations of the vorticity fields on wings  
p 661 A83-46465

- Theoretical investigations of high lift aerodynamics  
[NASA-CR-169926] p 244 N83-18663

- A continuous vorticity panel method for the prediction of steady aerodynamic loads on lifting surfaces  
p 505 N83-29172

## VULNERABILITY

- Prelaunch survivability of Ground Launched Cruise Missile (GLCM) Volume 3 SAVAGE code version 1.0 user's guide  
[AD-A119023] p 155 N83-14113

## WAKES

- Vulnerability assessment of electrical/electronic subsystems and equipment to atmospheric electricity p 588 N83-31224
- Assessment of survivability against laser threats The ASALT-I computer program [AD-A128472] p 703 N83-34313

## W

### WAKES

- Wake vortex attenuation flight tests - A status report p 30 A83-11806
- Jet wing vortex lattice theory with nonlinear wake and tip flows [AIAA PAPER 83-0263] p 133 A83-16619
- Finite difference modeling of rotor flows including wake effects [ONERA, TP NO 1982-114] p 243 A83-24326
- Wakes from arrays of buildings --- flight safety p 558 A83-38766
- Measurements of secondary flows within a cascade of curved blades and in the wake of the cascade [ASME PAPER 83-GT-24] p 713 A83-47889
- Wakes from arrays of buildings --- flight safety [NASA-CR-170666] p 183 N83-14430
- The calculation of separated flow at helicopter bodies [NASA-TM-76715] p 191 N83-16291
- The wake of a sideslipping wing in low speed flow [VKI-TN-143] p 192 N83-16301
- A study of atmospheric flow in the wake of a large structure p 567 N83-28788
- Free wake aerodynamic analysis of helicopter rotors [AD-A127910] p 718 N83-36007

### WALL FLOW

- Investigation of the effects of upstream sidewall boundary-layer removal on a supercritical airfoil [AIAA PAPER 83-0386] p 133 A83-16686
- The transonic wind tunnel Braunschweig of DFVLR p 217 A83-19663
- Blade loading and rotation effects on compressor rotor wake near end walls p 190 A83-22138
- Survey of the ONERA activities on the adaptive wall applications and commutation of residual corrections [ONERA, TP NO 1983-11] p 464 A83-36421
- Sound propagation in ducts with impedance walls in the presence of an air flow II - Optimization of acoustic attenuation in ducts p 570 A83-37512
- Extraction of model performance from wall data in a 2-dimensional transonic flexible walled test section [NASA-CR-165994] p 207 N83-12102
- Measuring the flow properties of slotted test-section walls [PB82-239849] p 219 N83-13417
- Computer modeling of aircraft cabin fire phenomena [PB83-119891] p 319 N83-22174
- Wind tunnel testing of three-dimensional models in wind tunnels with two adaptive walls [VKI-TN-147] p 665 N83-32781

### WALL PRESSURE

- Three-dimensional wall corrections for ventilated wind tunnels p 348 N83-20965
- Improving calculations of wall effects in industrial wind tunnels at ONERA p 348 N83-20968
- Convergence behavior that controls adaptive wind tunnel walls near the test section in the high angle of attack range [NASA-TM-77006] p 631 N83-30439

### WALL TEMPERATURE

- Investigation of unsteady temperature fields of nonaxisymmetric nozzle inserts p 764 A83-49687
- Measured and calculated wall temperatures on air-cooled turbine vanes with boundary layer transition [NASA-TM-83030] p 183 N83-14432
- Wall-temperature effects on the aerodynamics of a hydrogen-fueled transport concept in Mach 8 blowdown and shock tunnels [NASA-TP-2159] p 582 N83-30391

### WALLS

- A nonlinear structural concept for compliant walls --- drag reduction [NASA-CR-3628] p 11 N83-11061
- Analytical and experimental investigation of stator endwall contouring in a small axial-flow turbine 1 Stator performance [NASA-TP-2023] p 43 N83-11125
- The cooling of printed circuit board mounted components using copper ladder heat conduction to a cold wall [RAE-TR-82092] p 560 N83-28326

### WANKEL ENGINES

- Rotanes for GA - NASA gets serious p 41 A83-11627
- Multi-fuel rotary engine for general aviation aircraft [NASA-TM-85428] p 748 N83-36031

### WAR GAMES

- Toward 'combat realistic' tests, evaluations, exercises - and training p 56 A83-11237
- Improved dynamic models for air combat analysis [AD-A121379] p 305 N83-19562

### WARFARE

- Future trends in the use of infrared line scanners for airborne reconnaissance p 209 A83-22578
- Type A V/STOL - One aircraft for all support missions? p 386 A83-32580

### WARHEADS

- Expansion of the scan endgame program for aircraft survivability studies and development of a supporting user's guide [AD-A127557] p 608 N83-31598

### WARNING

- A mm-wave collision warning device for helicopters p 645 N83-30895

### WARNING SYSTEMS

- Technology upgrade to ALR-46 and ALR-69 radar warning receivers p 18 A83-11102
- Electromagnetic environment simulation for TCAS avionics --- Threat Alert and Collision Avoidance Systems p 141 A83-17304
- Advantages of statistically interrogating onboard anticollision systems p 258 A83-26482
- A collision avoidance tool for aircraft pilots p 512 A83-37142

- The missing element in wind shear protection [SAE PAPER 830715] p 627 A83-43325

- Third Symposium on Traffic Alert and Collision Avoidance Systems (TCAS) [FAA RD-82-75] p 144 N83-14080

- TCAS program p 145 N83-14081
- Status of Mode S implementation p 145 N83-14082
- TCAS 2 operational doctrine p 145 N83-14083
- Comparison of TCAS 1 passive and active transponder detectors p 145 N83-14084
- Aircraft traffic in the Los Angeles basin as related to TCAS requirements p 145 N83-14085
- Surveillance techniques for minimum TCAS 2 p 145 N83-14086

- Validation of minimum TCAS 2 surveillance performance p 145 N83-14087

- Enhanced TCAS 2 p 145 N83-14088

- Advanced Ultra-Violet (UV) aircraft fire detection system Volume 1 System description and flight test [AD-A121253] p 198 N83-17526

- A system study for the application of microcomputers to research flight test techniques [NASA-CR-169869] p 305 N83-19487

- Advanced Ultra-Violet (UV) aircraft fire detection system Volume 2 System hardware design, software design, and test [AD-A121721] p 250 N83-19722

- Traffic alert and collision avoidance system Developmental simulation [FAA RD-82-49] p 260 N83-19732

- Results of a quality principle on the MTBF of an equipment developed for the A-300 p 304 N83-20212

- Traffic Alert and Collision Avoidance System (TCAS) evaluation Volume 2 Equipped threat phase and an assessment in an error-degraded environment [FAA-CT-82-52-2-VOL-2] p 325 N83-22176

- The 3rd Traffic Alert and Collision Avoidance System (TCAS) Symposium [AD-A123037] p 381 N83-23288

- System description for automated radar terminal air traffic control system, ARTS 2 enhancements, revision A [FAA PM-83-19-REV-A] p 382 N83-24494

- Summary Proceedings of a Wind Shear Workshop [NASA-CP-2270] p 410 N83-25265

- Sandia Helicopter Acoustic Detector (SHAD) [DE82-018925] p 483 N83-27803

- Joint Airport Weather Studies (AWS) project p 704 N83-33840

- A comparison of audio, visual and tactile warning devices in a simulated flight environment [AD-A128200] p 669 N83-33862

### WARPAGE

- Dimensional stability considerations for cryogenic metals p 291 N83-18759

- Metallic alloy stability studies p 292 N83-18760

### WASHING

- Cleaning gas turbine compressors - Some service experience with a wet-wash system p 210 A83-21350

### WASTE ENERGY UTILIZATION

- DOE wave-turbine-engine demonstration [DE82-018322] p 562 N83-28458

- Apparatus for improving the fuel efficiency of a gas turbine engine [NASA-CASE-LEW-13142-1] p 748 N83-36029

### WASTES

- Air traffic control Its effect on fuel conservation p 202 N83-17464

### WATER

- Optical observations of unidirectional solidification in microgravity [NASA-TP-2110] p 225 N83-16492

- Influence of liquid water and water vapor on antimisting kerosene (AMK) [NASA-CR-170280] p 404 N83-24711

- Aerothermodynamics of axial-flow compressors with water ingestion p 504 N83-27953

- WATER DEPTH** Factors influencing aircraft ground handling performance [NASA-TM-85652] p 527 N83-27979

- WATER FLOW** An efficient fully implicit simulator [CSS-126] p 176 N83-15322

- WATER INJECTION** The feasibility of water injection into the turbine coolant to permit gas turbine contingency power for helicopter application [ASME PAPER 83-GT-66] p 536 A83-39993

- Water injection into compressors of gas turbines for power increase and reduction of NOX emission [BMFT-FB-T-82-075] p 233 N83-16765

- WATER LANDING** Existing time limit for overwater operations - Its validity p 189 A83-13170

- Dynamic stability of a flight vehicle near a perturbed surface p 396 A83-33008

- WATER TABLES** Design of choking cascade turns [AD-A124792] p 477 N83-26023

- WATER TUNNEL TESTS** The water tunnel - A helpful simulation facility for the aircraft industry p 55 A83-11080

- Water tunnel construction for continuous mode flow visualization [AIAA PAPER 83-0657] p 172 A83-16821

- The new hydrodynamic visualization laboratory of the aerodynamics division p 289 A83-23676

- A new ejector concept for V/STOL aircraft [AIAA PAPER 83-2514] p 745 A83-48358

- WATER VAPOR** Axial-compressor flow distortion with water ingestion [AIAA PAPER 83-0004] p 160 A83-16456

- Influence of liquid water and water vapor on antimisting kerosene (AMK) [NASA-CR-170280] p 404 N83-24711

- WATERPROOFING** The effect of water displacing corrosion preventives on stress corrosion cracking of aluminum alloy 7075-T651 [ARL-MAT-NOTE-132] p 60 N83-10173

- WAVE DIFFRACTION** Multiple diffraction effects in VHF propagation p 182 A83-18725

- WAVE DRAG** Wave drag prediction using a simplified supersonic area rule p 716 A83-48222

- WAVE PROPAGATION** Radiation from a double layer jet --- aerodynamic noise p 237 A83-20364

- Multipath propagation in the radio field of aircraft navigation systems p 252 A83-23414

- Atmospheric effects on ultra high frequency radio propagation [AD-A119581] p 183 N83-14388

- Rotor noise due to blade-turbulence interaction [AD-A129757] p 770 N83-36851

- WAVE REFLECTION** Analysis of an axial compressor blade vibration based on wave reflection theory [ASME PAPER 83-GT-151] p 741 A83-47970

- WAVE SCATTERING** Measurements of the scattering of sound by a line vortex [AIAA PAPER 83-0676] p 365 A83-28004

- WAVEGUIDE ANTENNAS** Analysis of microstrip wraparound antennas using dyadic Green's function p 258 A83-26830

- Frangible microwave landing system (inverted azimuth waveguide array configuration) [DOT/FAA/RD-82/88] p 324 N83-20927

- WAVEGUIDES** Airport Surface Detection Equipment (ASDE)-3 improvements test and evaluation [DOT/FAA/RD-82/23] p 187 N83-12063

- WAVELENGTH DIVISION MULTIPLEXING** Fiber optics wavelength division multiplexing for aircraft applications p 21 A83-11181

- Description and planned use of a data distribution evaluation system for fiber optic data buses p 21 A83-11183

- Fiber optic wavelength multiplexing for civil aviation applications p 208 A83-22492

## SUBJECT INDEX

A study of wavelength division multiplexing for avionics applications [AD-A125749] p 530 N83-27990

**WAVES**

Wind tunnel investigation of cargo extraction parachutes in the wake of a Lockheed C-141B Starlifter aircraft [AD-A124523] p 425 N83-25675

**WEAPON SYSTEM MANAGEMENT**

The significant elements of the reliability and maintainability programs for the modernized Cobra helicopter weapons/weapons control systems p 406 A83-31499

**WEAPON SYSTEMS**

Development of maintenance concepts for Navy ATE p 1 A83-10778

Status of the calibration support of the Navy ATE p 1 A83-10786

Comparison of some matching methods --- for aircraft and missile navigation p 22 A83-11219

The A6E /TRAM/ all-weather weapon system --- Target Recognition and Attack Multisensor p 24 A83-11260

Aeronautical research - Some current influences and trends /The Second Sir Fredrick Page Lecture/ p 3 A83-12851

Tomorrow's Tomcat p 189 A83-14324

Real-time scenarios and McDonnell weapons work p 173 A83-18272

V/STOL - A practical weapon system p 127 A83-18808

Lasers in aviation --- Russian book p 229 A83-20384

Thirty years of fighter armament p 203 A83-20600

Setting design goals for advanced propulsion systems [AIAA PAPER 81-1505] p 211 A83-22154

Infrared target array development p 268 A83-23527

Integrated avionics/weapon system for air/ground missions [DGLR PAPER 82-039] p 253 A83-24163

Apache on the war path - The Hughes AH-64 in production at last p 385 A83-31939

Use of flight test results to improve the flying qualities simulation of the B-52H weapon system trainer [AIAA PAPER 83-1091] p 437 A83-36215

From new technology development to operational usefulness B-36, B-58, F-111/FB-111 [AIAA PAPER 83-1048] p 415 A83-36459

Design for testing of a low altitude night-in-weather attack system [AIAA PAPER 83-1061] p 432 A83-36470

Alpha Jet - Further version for the international market p 529 A83-37858

US fighter options p 526 A83-40665

Life cycle cost management - An engineer's view [AIAA PAPER 83-2451] p 770 A83-48334

Operational criteria for the handling qualities of combat helicopters p 50 N83-10067

Air launched cruise missile Logistics planning problems and implications for other weapons systems [AD-A118129] p 33 N83-11119

Improving energy efficiency of major weapon systems [AD-A119583] p 155 N83-14116

Development and employment of fixed-wing gunships, 1962 - 1972 [AD-A122538] p 331 N83-20935

F/A-18 software development A case study p 364 A83-22145

The military user view of software support throughout the in-service life of avionics systems p 335 N83-22149

Aeronautical structures technology study Annotated briefing report [AD-A123064] p 389 N83-23300

A prototype model for the development of training systems and the acquisition of aircrew training devices for developing weapon systems [AD-A123041] p 401 N83-23331

A critique of the Bell Helicopter Textron COBRA 2 75 inch rocket ballistic algorithm [AD-A123703] p 390 N83-24502

Flight test experience on military aircraft engine handling p 541 N83-29248

Propagation prediction usage in automated frequency assignments based on cosine and remote system spectrum sharing p 645 N83-30905

Increasing future fighter weapon system performance by integrating basing, support and air vehicle requirements [AD-A129039] p 712 N83-34888

**WEAPONS DELIVERY**

Strapdown inertial performance needed for the 1990s p 19 A83-11127

Radiation navigation techniques for weapon guidance p 20 A83-11141

Integrated flight and fire control development and flight test on an F-15B aircraft p 20 A83-11160

Maximizing survivability and effectiveness of air-to-ground gunnery using a moveable gun p 21 A83-11192

A new approach to weapon separation aerodynamics p 177 A83-13164

Advances in methods for predicting store aerodynamic characteristics in proximity to an aircraft [AIAA PAPER 83-0266] p 133 A83-16622

B-52 roles in sea control p 186 A83-20646

Dynamics of air combat p 416 A83-36914

Nonlinear control law for piloting aircraft in the air-to-ground attack phase [ONERA, TP NO 1983-37] p 687 A83-44315

Real-time data display for AFTI/F-16 flight testing [NASA-TM-84899] p 198 N83-13095

The criteria used for assessing acceptable engine handling on UK military aircraft p 540 N83-29244

Experimental aerodynamic facilities of the Aerodynamics Research and Concepts Assistance Section [AD-A126272] p 549 N83-29274

**WEAPONS DEVELOPMENT**

PAH-2, HAP, HAC - Will they really get under way this time? --- Franco-German military helicopter program p 729 A83-48641

**WEAPONS INDUSTRY**

The role of the research establishments in the developing world of aerospace p 128 A83-18963

**WEAR**

Reliability of aircraft splines with or without a wear induction period [ASME PAPER 82-WA/DE-4] p 299 A83-25700

Tribology p 215 N83-12167

Spectrometer sensitivity investigations on the spectrometric oil analysis program [AD-A127969] p 638 N83-31752

**WEAR INHIBITORS**

Increasing the wear life of gas turbine engine roller bearings p 184 N83-15507

**WEAR TESTS**

Effects of amplitude of oscillation on the wear of dry bearings containing PTFE [ASME PAPER 81-LUB-6] p 64 A83-11942

Wear and friction of high-temperature self-lubricating composites [ASLE PREPRINT 82-LC-28-2] p 212 A83-13234

The effect of the jet fuel temperature on wear rates during the friction of sliding and rolling p 210 A83-16145

An evaluation of fretting at small slip amplitudes p 177 A83-17254

Eccentric end wear in cylindrical roller bearings can be predicted and prevented [AIAA PAPER 83-1132] p 474 A83-36237

Detection and diagnosis of bearing deterioration in aircraft propulsion systems by wear debris analysis p 184 N83-15506

**WEATHER**

Automatic landing in bad weather conditions [SNIAS-822-111 106] p 381 N83-23287

An experimental investigation of the efficacy of automated weather data transmission to aircraft in flight [FAA-PM 83-11] p 390 N83-23302

Scanning strategies for next generation weather radars A study based on lifetimes of convective atmospheric phenomena hazardous to aviation [FAA-RD-82-69] p 476 N83-25929

Aircraft accident report Coin Acceptors, Inc., Cessna model 551, Citation 2, N2CA, Mountain View, Missouri, November 18, 1982 [PB83-910404] p 720 N83-34922

The effects of weather on rapid runway repair, volume 1 [AD-A130409] p 754 N83-36040

**WEATHER FORECASTING**

The CWSU - A renewed effort to aid IFR pilots --- Center Weather Service Units p 408 A83-30548

Operational aspects of Delta air lines meteorological department p 564 A83-38746

Meteorological data requirements for fuel efficient flight p 565 A83-38760

CAT detection and forecasting using operational NMC analysis data p 566 A83-38765

The short-range forecasting of meteorological conditions of the icing of aircraft on the ground and the runway at the Sofia airport p 648 A83-41585

Aviation weather [GPO-98-983] p 304 N83-20493

Analysis and specification of slant wind shear [AD-A125883] p 479 N83-26367

Terminal forecast reference notebook for RAF Fairford, United Kingdom [AD-A126095] p 567 N83-29930

A summary and integration of research concerning single pilot IFR operational problems [NASA-CR-3716] p 668 N83-32783

Description and operating procedures for the NOAA (National Oceanic and Atmospheric Administration) C-130 AWRD (Airborne Weather Reconnaissance System) system [PB83-197053] p 768 N83-36615

**WEATHER MODIFICATION**

Evidence for the production of ice particles in clouds due to aircraft penetrations p 767 A83-49691

**WEATHER RECONNAISSANCE AIRCRAFT**

Description and operating procedures for the NOAA (National Oceanic and Atmospheric Administration) C-130 AWRD (Airborne Weather Reconnaissance System) system [PB83-197053] p 768 N83-36615

**WEATHERING**

The effects of weather on rapid runway repair, volume 1 [AD-A130409] p 754 N83-36040

**WEBS (SUPPORTS)**

Secondary loading of I-spar caps due to shear deformation of the web p 559 A83-39991

**WEDGES**

Edge tones in high-speed flows and their application to multiple-jet mixing p 482 A83-36077

**WEIGHT (MASS)**

Designing for fighter engine transients p 540 N83-29243

**WEIGHT ANALYSIS**

Algorithmic mass-factoring of finite element model analyses [SAWE PAPER 1451] p 643 A83-43733

Theory of transport aircraft weight fractions [SAWE PAPER 1452] p 602 A83-43734

Optimizing tail size and wing location within loadability constraints p 602 A83-43740

Philosophy of automated balance calculations [SAWE PAPER 1470] p 585 A83-43744

Application of finite element analysis techniques to the derivation of advanced composite structure weight [SAWE PAPER 1490] p 644 A83-43757

Conceptual design of transport aircraft p 731 A83-49475

**WEIGHT INDICATORS**

Development of a six-component weighing device for cryogenic applications p 752 A83-47208

On-board weight and center-of-gravity measurement system with tire-pressure monitoring p 725 A83-47216

**WEIGHT REDUCTION**

Optimization of aircraft structures p 64 A83-11857

Evaluating Scroll refrigerant compressors for reducing size and weight of military aircraft ECS [SAE PAPER 820877] p 263 A83-25771

The stiffness of transport wings for minimum weight p 358 A83-29970

PMUX - The interface for engine data to AIDS - - propulsion multiplexer Aircraft Integrated Data System p 391 A83-30158

Optimization for structures of discrete-size elements p 472 A83-34311

Decomposition method for minimizing the weight of the load-carrying structure of a swept wing with allowance for the conditions of static strength and prescribed aileron efficiency p 556 A83-37514

New metal technologies in airframe construction p 557 A83-37861

Aeroelastic optimization of orthotropic rectangular flat panels p 639 A83-40675

Design, fabrication, and qualification of composite carbon/epoxy horizontal stabilizer components p 575 A83-42546

Three theorems of weight characteristics of statically determinate and indeterminate structures and their application p 643 A83-43691

A range of lightweight engines for RPV's p 616 A83-43719

A versatile thermal imager for RPV applications p 610 A83-43720

Grumman's forward swept wing feasibility studies and X 29A technology demonstrator [SAWE PAPER 1454] p 602 A83-43736

An introduction to the Boeing 767 200 and the 767 Weight Control Program [SAWE PAPER 1467] p 602 A83-43741

Weight reduction for fuel economy [SAWE PAPER 1469] p 602 A83-43743

Advanced material application on the European wide body transport aircraft Airbus [SAWE PAPER 1484] p 603 A83-43751

Weight control program for a graphite/epoxy aircraft [SAWE PAPER 1485] p 635 A83-43752

V/STOL, STOL, CTOL comparisons [SAWE PAPER 1499] p 603 A83-43759

## WEIGHTING FUNCTIONS

- Material selection for the new-technology commercial transport - The designer's dilemma  
[AIAA PAPER 83-2477] p 758 A83-49583  
Advanced electrical power system technology for the all electric aircraft  
[NASA-TM-83390] p 407 N83-24764  
Development and demonstration of economic production systems in airframe construction  
p 658 N83-32709

## WEIGHTING FUNCTIONS

- On the synthesis of the optimal control of a certain hydromagnetic process --- with applications in flight vehicle and temperature control  
p 363 A83-29285

## WELD STRENGTH

- The design of bonded structure repairs  
p 297 A83-23329

## WELDED JOINTS

- Major hot section component salvaged through advanced repair methods  
[SAE PAPER 821489] p 534 A83-38007  
Effects of simulated lightning on composite and metallic joints  
[NASA-TM-84554] p 177 N83-14170

## WELDED STRUCTURES

- Flight systems safety program  
[DE82-021833] p 413 N83-25529

## WELLS

- Wellborne inertial navigation system  
[DE83-004012] p 594 N83-31593

## WEST GERMANY

- Activities of the Federal Administration of Air Navigation Services (BFS)  
p 674 N83-32785

## WHEEL BRAKES

- Review of NASA antiskid braking research  
[SAE PAPER 821393] p 517 A83-37969

## WHISKER COMPOSITES

- High-temperature composites - Status and future directions  
p 551 A83-40129

## WHITE NOISE

- Model reference adaptive control in the presence of measurement noise  
p 568 A83-37128

## WIDEBAND COMMUNICATION

- New advances in wide band dual polarization antenna elements for EW applications  
p 430 A83-35087

## WIND (METEOROLOGY)

- Hybrid LTA vehicle controllability as affected by buoyancy ratio  
[NASA-CR-152344] p 204 N83-12099  
A piloted flight simulator study of conflict of interest wind modeling techniques  
[UTIAS-TN-238] p 401 N83-23329

## WIND DIRECTION

- Specification of slant wind shear with an offset tower observation system  
p 564 A83-38749  
Effects of wind on the aircraft optimum cruise performance and flight performance advisory systems for F-4E and F-5E aircraft  
[AD-A125587] p 527 N83-27984

## WIND EFFECTS

- Conflict of interest wind modeling in aircraft response study  
p 189 A83-13158  
A program system for dynamic analysis of aeronautical structures /HAJIF-II/  
p 215 A83-15545  
4 D fuel-optimal guidance in the presence of winds  
[AIAA PAPER 83-2242] p 592 A83-41719  
The landing approach in variable winds Curved glidepath geometries and worst-case wind modeling  
[UTIAS-254] p 26 N83-10028  
Effects of wind on turbofan engines in outdoor static test stands  
[NASA TM-83493] p 747 N83-34945

## WIND MEASUREMENT

- Possible improvements in meteorology for aircraft navigation  
p 247 A83-23373  
Specification of slant wind shear with an offset tower observation system  
p 564 A83-38749  
DFVLR-remote slant visual range (SVR) and wind vector measuring systems  
p 565 A83-38750  
An analysis of spanwise gust gradient data  
p 565 A83-38762  
Feasibility test of an airborne pulse-Doppler meteorological radar  
p 566 A83-39872  
Wind shear - A danger for flight  
p 766 A83-48225  
Low-altitude wind measurements from wide-body jet transports  
[NASA-TM-84538] p 15 N83-10024  
NASA airborne Doppler lidar program Data characteristics of 1981  
[NASA-CR-170667] p 220 N83-13706

## WIND PRESSURE

- Lattice structures Part 1 Mean fluid forces on single and multiple plane frames  
[ESDU-81027-PT-1-AMEND-A] p 699 N83-33201  
Lattice structures Part 2 Mean fluid forces on tower-like space frames  
[ESDU-81028-PT-2-AMEND-A] p 700 N83-33202

- Strong winds in the atmosphere boundary layer Part 1 Mean hourly wind speeds --- wind loads on buildings and structures  
[ESDU-82026-AMEND-A] p 700 N83-33209

## WIND PROFILES

- Short-range prediction of mesoscale windfields  
p 409 A83-30567  
The landing approach in variable winds Curved glidepath geometries and worst-case wind modeling  
[UTIAS-254] p 26 N83-10028  
A practical economic criterion for fuel conservation  
p 239 N83-17468  
Analysis and specification of slant wind shear  
[AD-A125883] p 479 N83-26367  
A conceptual framework for using Doppler radar acquired atmospheric data for flight simulation  
[NASA-TP-2192] p 526 N83-27977

## WIND SHEAR

- Applications of Doppler radar to aviation operations - JAWS experiences  
[AIAA PAPER 83-0205] p 188 A83-16583  
Heavy rain influence on airplane accidents  
p 138 A83-18415  
Researchers study methods to combat effects of wind shear  
p 196 A83-22175  
Increasing flight safety under shear wind conditions by modifying thrust regulation systems and existing cockpit instrumentation  
[DGLR PAPER 82-033] p 284 A83-24159  
The design of wind shear filters  
p 286 A83-26483  
Wind shear detection with a modified airport surveillance radar  
p 360 A83-27040  
Radar detection of low level wind shear affecting aircraft terminal navigation  
p 322 A83-28784  
Specification of slant wind shear with an offset tower observation system  
p 564 A83-38749  
Wakes from arrays of buildings --- flight safety  
p 558 A83-38766  
The missing element in wind shear protection  
[SAE PAPER 830715] p 627 A83-43325  
Wind shear - A danger for flight  
p 766 A83-48225  
Low-altitude wind measurements from wide-body jet transports  
[NASA-TM-84538] p 15 N83-10024  
CAT altitude avoidance system  
[NASA-CASE-NPO-15351-1] p 38 N83-10040  
A contribution to the investigation of the dynamic behavior of a controlled aircraft under wind shear conditions  
[TUBS/FB-80-07-01] p 205 N83-13118  
Wakes from arrays of buildings --- flight safety  
[NASA-CR-170666] p 183 N83-14430  
Anti-misting additives for jet fuels  
[NASA-CR 169751] p 225 N83-16417  
Flight in low-level wind shear  
[NASA-CR-3678] p 362 N83-21711  
Terminal area automatic navigation, guidance and control research using the Microwave Landing System (MLS) Part 5 Design and development of a Digital Integrated Automatic Landing System (DIALS) for steep final approach using modern control techniques  
[NASA-CR-3681] p 345 N83-22213  
Summary Proceedings of a Wind Shear Workshop  
[NASA-CP-2270] p 410 N83-25265  
Significant events in low-level flow conditions hazardous to aircraft  
[NASA-TM-82522] p 410 N83-25268  
Analysis and specification of slant wind shear  
[AD-A125883] p 479 N83-26367  
NASA's aviation safety - meteorology research programs  
p 668 N83-33829  
Joint Airport Weather Studies (AWS) project  
p 704 N83-33840  
Airspeed and wind shear measurements with an airborne CO2 CW laser  
p 735 N83-34898  
Feasibility study of a procedure to detect and warn of low-level wind shear  
p 767 N83-36593  
Low-level flow conditions hazardous to aircraft  
p 767 N83-36595

- WIND TUNNEL APPARATUS  
Development and trial of a rotary balance for the 3 M low speed wind tunnels of West Germany  
p 55 A83-11082  
Feasibility study on strain gauge balances for cryogenic wind tunnels at ONERA  
[ONERA, TP NO 1982-87] p 206 A83-14539  
Practical problems of design and manufacture of a 2-D model and of the device for its cooling and introduction into the T2 pressurized cryogenic intermittent tunnel  
[ONERA, TP NO 1982-88] p 206 A83-14540  
The impact of data processing on wind tunnel testing  
[ONERA, TP NO 1982-92] p 173 A83-18429  
Soon 30 years of testing at Modane - Research continues with precision and efficacy  
[ONERA, TP NO 1982-131] p 174 A83-19414

- A wind tunnel for unsteady turbulent shear flows - Design and flow calculation  
p 218 A83-19664

- A study of hypersonic low-density gas flows in low-pressure blowdown wind tunnels using pressure tanks  
p 373 A83-30680

- Development of a six-component weighing device for cryogenic applications  
p 752 A83-47208

- Force initiations in helicopter rotor blades, wind channel fans and wind turbines  
[MBB-UD-356-82-O] p 196 N83-17522

- Strain gage balances and buffet gages  
p 292 N83-18766

- Model deformation system  
p 292 N83-18767

- Construction and test of flexible walls for the throat of the ILR high-speed wind tunnel  
[NASA-TM-77005] p 293 N83-18771

- Model mount system for testing flutter  
[NASA-CASE-LAR-12950-1] p 465 N83-25727

- Magnetic suspension and balance systems, a selected, annotated bibliography  
[NASA-TM-84661] p 549 N83-29273

- Several problems in the design of environmental wind tunnels  
p 690 N83-32739

## WIND TUNNEL CALIBRATION

- Design, construction, and operation of the calibration model for the DNW wind tunnel  
p 752 A83-47209

- Construction and performance of NAL two-dimensional transonic wind tunnel  
[NAL-TR-6477] p 57 N83-11146

## WIND TUNNEL DRIVES

- A shock tube driver with a 'cyclone' separator  
p 290 A83-26130

- A new, diaphragmless, flexible, luminous shock tube  
p 290 A83-26131

- A survey of the three-dimensional high Reynolds number transonic wind tunnel  
[NASA-TM-76931] p 400 N83-23324

## WIND TUNNEL MODELS

- The measurement of impulsive forces on a wind tunnel model with a conventional strain gage balance  
p 55 A83-11069

- Support interference in static and dynamic tests --- of wind tunnel models at high angles of attack  
p 55 A83-11074

- Dynamic simulation in wind tunnels  
p 55 A83-11079

- Optical sensor for measurement of position and deformations of models in wind tunnel  
p 64 A83-12347

- Practical problems of design and manufacture of a 2-D model and of the device for its cooling and introduction into the T2 pressurized cryogenic intermittent tunnel  
[ONERA, TP NO 1982-88] p 206 A83-14540

- Acoustic capabilities of the German-Dutch wind tunnel DNW  
[AIAA PAPER 83-0146] p 172 A83-16554

- Remotely driven model control surfaces for efficient wind-tunnel operations  
[AIAA PAPER 83-0148] p 172 A83-16556

- The effect of backslash and trailing-edge strips on the flutter speed of a two-dimensional model of a tailplane with tab  
p 151 A83-18068

- Model attitude and deformation measurement in wind tunnel  
[ONERA, TP NO 1982-91] p 181 A83-18428

- Full scale test of the C22 target in the ONERA S1MA wind tunnel  
[ONERA, TP NO 1982-95] p 152 A83-18430

- Progress in wind tunnel test techniques and in the corrections and analysis of the results  
[ONERA, TP NO 1982-108] p 174 A83-18434

- On the simulation of the hypervelocity regime of flow past bodies in wind tunnels  
p 312 A83-27714

- Wind tunnel noise reduction at Mach 5 with a rod-wall sound shield --- for prevention of premature boundary layer transition on wind tunnel models  
[AIAA PAPER 82-0570] p 346 A83-28952

- Survey of the ONERA activities on the adaptive wall applications and commutation of residual corrections  
[ONERA, TP NO 1983-11] p 464 A83-36421

- Wind tunnel demonstration of an optimized LTA system with 65 percent power reduction and neutral static stability  
[AIAA PAPER 83-1981] p 522 A83-38910

- Transonic flutter model study of a supercritical wing and winglet  
p 640 A83-41048

- Studies concerning model technology in the European Transonic Wind Tunnel (ETW)  
p 752 A83-47197

- Improvement of a captive trajectory system by using optical distance sensors --- store separation from aircraft  
[ONERA, TP NO 1983-115] p 753 A83-49426

- Low-speed aerodynamic characteristics of a model having a 42 deg swept low wing with a supercritical airfoil, double-slotted flaps, and a T-tail  
[NASA-TM-X-2582] p 5 N83-11030



Application of Zimmerman flutter-margin criterion to a wind tunnel model  
[NASA-TM-84545] p 192 N83-12070

A study of model deflection measurement techniques applicable within the national transonic facility  
[NASA-CR-165853] p 181 N83-13075

Design and manufacture of a transonic wind tunnel model and the investigation of model components under cryogenic flow conditions in the European transonic wind tunnel  
[BMFT-FB-W-82-015] p 181 N83-13078

Computer tomography of flows external to test models  
[NASA-CR 169521] p 221 N83-13835

Analytical procedures for flutter model development and checkout in preparation for wind tunnel testing of the DAST ARW-1 wing  
[NASA-CR-166023] p 170 N83-15317

The half-model technique in the wind tunnel and its employment in the development of the airbus family  
[NASA-TM 76970] p 205 N83-16328

Cryogenic Wind Tunnel Models Design and Fabrication  
[NASA-CP 2262] p 290 N83-18748

Model systems criteria  
p 291 N83-18749

NTF user operations requirements  
p 291 N83-18750

Status of NTF models  
p 291 N83-18754

NTF model concept for the X-29A Part 1  
Requirements, guidelines, and design loads  
p 291 N83-18756

NTF model concept for the X-29A Part 2 Design and fabrication concept  
p 291 N83-18757

Engineering and fabrication cost considerations for cryogenic wind tunnel models  
p 291 N83-18758

Dimensional stability considerations for cryogenic metals  
p 291 N83-18759

Metallic alloy stability studies  
p 292 N83-18760

Surface finish measurement studies  
p 292 N83-18765

Model deformation system  
p 292 N83-18767

NTF model pressure measurements  
p 292 N83-18768

Angle of attack system  
p 292 N83-18769

Aeroelastic instability stoppers for wind tunnel models  
[NASA-CASE LAR-12458-1] p 361 N83-21503

Aeroelastic instability stoppers for wind tunnel models  
[NASA-CASE LAR-12720-1] p 361 N83-21504

A common geometric data-base approach for computer-aided manufacturing of wind-tunnel models and theoretical aerodynamic analysis  
[NASA-TP-2151] p 316 N83-22166

Parameter and design studies for the use of wind tunnel models in the ETW  
[MBB/FE123/S/PUB/83] p 402 N83-24518

Basic investigations for the use of wind tunnel models in the ETW --- transonic wind tunnels  
[BMFT-FB-W-82-023] p 402 N83-24522

Wind tunnel test of a C-18 aircraft modified with the advanced range instrumentation aircraft radome  
[AD-A124771] p 425 N83-25671

Some measurements of buffeting on a flutter model of a typical strike aircraft  
p 627 N83-30370

Transonic interference effects in testing of oscillating airfoils  
p 662 N83-32746

Wind tunnel testing of three-dimensional models in wind tunnels with two adaptive walls  
[VKI-TN-147] p 665 N83-32781

**WIND TUNNEL NOZZLES**

A new method of boundary layer correction in the design of supersonic wind tunnel nozzle  
p 659 N83-44561

Design of a new contraction, wide angle diffuser and flow manipulators for the low speed wind tunnel  
[AD-A119544] p 175 N83-14144

**WIND TUNNEL STABILITY TESTS**

A new concept for aircraft dynamic stability testing  
p 203 N83-15310

Near-real-time flutter boundary prediction from turbulence excited response  
[AIAA 83-0814] p 356 N83-29814

Stability study of a tilt-rotor aircraft model  
p 384 N83-31172

Wind tunnel experiments on the divergence of swept wings with composite structures  
[AD-A127950] p 584 N83-31582

**WIND TUNNEL TESTS**

Comparison of computational and experimental jet effects  
p 7 N83-10185

Swept composite wing aerodynamic divergence experiments  
p 29 N83-10193

Wind-tunnel measurements of wing-buffet boundaries at subsonic and transonic speeds  
p 7 N83-10440

Dynamic simulation in wind tunnels  
p 55 N83-11079

Optical sensor for measurement of position and deformations of models in wind tunnel  
p 64 N83-12347

Development of analytical and experimental techniques for determining store airload distributions  
p 8 N83-13077

A note on the general scaling of helicopter blade-vortex interaction noise  
[ONERA, TP NO 1982-32] p 221 N83-13375

Feasibility study on strain gauge balances for cryogenic wind tunnels at ONERA  
[ONERA, TP NO 1982-87] p 206 N83-14539

Sting line feasibility for force measurements in the European wind tunnel  
[ONERA, TP NO 1982-90] p 207 N83-14541

Experiments on the role of amplitude and phase modulations during transition to turbulence  
p 213 N83-14576

Propeller noise at model- and full-scale  
p 222 N83-15314

Wind tunnel measurements of blade/vane ratio and spacing effects on fan noise  
p 222 N83-15317

Modular asymmetric parachute for wind tunnel testing  
p 178 N83-15322

Aerodynamic characteristics of a slotted vs smooth-skun supercritical wing model  
p 178 N83-15324

Free stream noise and transition measurements in a Mach 3.5 pilot quiet tunnel  
[AIAA PAPER 83-0042] p 171 N83-16482

The performance of a circulation control airfoil at transonic speeds  
[AIAA PAPER 83-0083] p 130 N83-16510

On the transonic aerodynamic characteristics of 10 percent thick airfoils with a plan flap  
[AIAA PAPER 83-0091] p 130 N83-16515

Investigation of the effects of upstream sidewall boundary-layer removal on a supercritical airfoil  
[AIAA PAPER 83-0386] p 133 N83-16686

Support-sting interference on boattail pressure drag for Reynolds numbers up to 70 x 10 to the 6th  
[AIAA PAPER 83-0387] p 172 N83-16687

Laser holographic interferometry for an unsteady airfoil in dynamic stall  
[AIAA PAPER 83-0388] p 179 N83-16688

Low-speed investigation of the maneuver capability of supersonic fighter wings  
[AIAA PAPER 83-0426] p 134 N83-16708

The design of a human-powered vehicle  
[AIAA PAPER 83-0649] p 180 N83-16816

Some experimental investigations on transonic flutter characteristics of thin plate wing models with sweptback and tapered tips  
p 150 N83-16926

Wind tunnel results showing rotor vibratory loads reduction using higher harmonic blade pitch  
p 169 N83-18385

An investigation of the aerodynamics of an RAE swept tip using a model rotor  
[ONERA, TP NO 1982-76] p 136 N83-18426

The impact of data processing on wind tunnel testing  
[ONERA, TP NO 1982-92] p 173 N83-18429

Full scale test of the C22 target in the ONERA S1MA wind tunnel  
[ONERA, TP NO 1982-95] p 152 N83-18430

Progress in wind tunnel test techniques and in the corrections and analysis of the results  
[ONERA, TP NO 1982-108] p 174 N83-18434

Soon 30 years of testing at Modane - Research continues with precision and efficacy  
[ONERA, TP NO 1982-131] p 174 N83-19414

Research on contaminated wings, current issues --- concerning icing conditions and aerodynamic effects  
[AIAA PAPER 83-0277] p 139 N83-19584

Wind tunnel investigation of the transonic aerodynamic characteristics of forward swept wings --- supersonic cruise aircraft research  
p 190 N83-22153

Turbofan engine blade pressure and acoustic radiation at simulated forward speed  
p 274 N83-24026

The German-Dutch wind tunnel as an aid in aircraft development  
[DGLR PAPER 82-050] p 289 N83-24173

Design, construction, and testing of an experimental propeller in the 750 PS performance class  
[DGLR PAPER 82-066] p 274 N83-24180

Wind tunnel study of icing and de-icing on oscillating rotor blades  
[ONERA, TP NO 1982-116] p 247 N83-24327

Comparative trials of helicopter rotors in a wind tunnel  
[ONERA, TP NO 1982-119] p 243 N83-24330

ONERA test facilities for propellers and rotors  
[ONERA, TP NO 1982-121] p 276 N83-24332

Subsonic rolling moments for wing roll control of a cruciform missile model  
p 285 N83-24876

Flat spin of slender bodies at high angles of attack  
p 286 N83-24879

Flight effects on fan noise with static and wind tunnel comparisons  
[AIAA PAPER 83-0678] p 279 N83-25910

Acoustic measurements of a full-scale coaxial helicopter  
[AIAA PAPER 83-0722] p 264 N83-25933

A comparison of model helicopter rotor Primary and Secondary blade/vortex interaction blade slap  
[AIAA PAPER 83-0723] p 307 N83-25934

Flight effects for jet-airframe interaction noise  
[AIAA PAPER 83-0784] p 264 N83-25965

Comparison of measured and predicted flight effects on high-bypass coaxial jet exhaust noise  
[AIAA PAPER 83-0749] p 308 N83-26450

The influence of inlet design on the aeroacoustic performance of a JT15D turbofan engine as measured in the NASA-Ames 40 x 80 foot wind tunnel  
[AIAA PAPER 83-0681] p 337 N83-28006

Zero-length inlets for subsonic V/STOL aircraft  
p 312 N83-28012

Dynamic characteristics of the 40-by 80-/80-by 120-foot wind tunnel drive fan blades  
[AIAA 83-0918] p 346 N83-29846

Wind tunnel correlation study of aerodynamic modeling for F/A-18 wing-store tip-missile flutter  
[AIAA 83-1028] p 331 N83-29877

On measuring transonic dips in the flutter boundaries of a supercritical wing in the wind tunnel  
[AIAA 83-1031] p 331 N83-29878

Transonic interference effects in testing of oscillating airfoils  
[AIAA 83-1032] p 313 N83-29883

Cryogenic wind tunnels for high Reynolds number testing  
p 398 N83-32175

Alleviation of the subsonic pitch-up of delta wings  
p 374 N83-32583

Recent studies at NASA-Langley of vortical flows interacting with neighboring surfaces  
p 417 N83-33972

The swirl in an S-duct of typical air intake proportions  
p 418 N83-35620

Separated flows on a concave conical wing  
p 418 N83-35707

Development of a turbojet engine simulator for scale model wind tunnel testing of multi-mission aircraft  
p 447 N83-35848

Propulsion system simulation technique for scaled wind tunnel model testing  
p 463 N83-35850

STOL wind tunnel test results for a tactical supersonic  
[AIAA PAPER 83-1224] p 420 N83-36291

A high speed wind tunnel test evaluation of STOL dedicated advanced exhaust nozzle concepts  
[AIAA PAPER 83-1225] p 421 N83-36292

Ejector nozzle test results at simulated flight conditions for an advanced supersonic transport propulsion system  
[AIAA PAPER 83-1287] p 454 N83-36323

Performance capability of a Compact Multimission Aircraft Propulsion Simulator  
[AIAA PAPER 83-1358] p 464 N83-36356

Natural laminar flow data from full-scale flight and wind-tunnel experiments  
p 422 N83-36409

New transformations of S4 Modane hypersonic wind tunnel for ramjet missiles tests  
[ONERA, TP NO 1983-24] p 464 N83-36433

Configuration development of a research aircraft with post-stall maneuverability  
p 439 N83-36915

An assessment of flow-field simulation and measurement  
[AIAA PAPER 83-1721] p 555 N83-37210

Investigation of flow past an aircraft wing section in flight and in a wind tunnel  
p 493 N83-37506

Jet-propulsion of subsonic bodies with jet total-head equal to free stream's  
[AIAA PAPER 83-1790] p 535 N83-38630

Design and true Reynolds number 2-D testing of an advanced technology airfoil  
[AIAA PAPER 83-1792] p 496 N83-38632

Wind tunnel measurements of the Magnus induced surface pressures on a spinning projectile in the transonic speed regime  
[AIAA PAPER 83-1838] p 499 N83-38667

Wakes from arrays of buildings --- flight safety  
p 558 N83-38766

Development of the Magnus Aerospace Corporation's rotating-sphere airship  
[AIAA PAPER 83-2003] p 523 N83-38922

Wind tunnel evaluation of tactical aircraft stability and control as affected by nozzle thrust reverser parameter variations  
[AIAA PAPER 83-1228] p 545 N83-39103

Determining compressor-inlet airflow in the compact multimission aircraft propulsion simulators in wind-tunnel applications  
[AIAA PAPER 83-1231] p 547 N83-39104

Comparison of supercritical airfoil flow calculations with wind-tunnel results  
[AIAA PAPER 83-1688] p 503 N83-40472

## WIND TUNNEL TESTS

## SUBJECT INDEX

- Transonic wind tunnel test on an oscillating flap  
[AIAA PAPER 83-2132] p 579 A83-41954  
Subsonic roll oscillation experiments on the Standard Dynamics Model  
[AIAA PAPER 83-2134] p 626 A83-41956  
Interior noise considerations for advanced high-speed turboprop aircraft p 675 A83-43970  
The S2Ch subsonic wind tunnel and its utilization for detailed studies of helicopter rotors  
[ONERA, TP NO 1983-27] p 688 A83-44306  
The ONERA wind tunnels at MODANE Centre and at LE FAUGA Centre and their utilization in subsonic range  
[ONERA, TP NO 1983-28] p 689 A83-44307  
An experimental investigation of turbulent base heat transfer in hypersonic flow p 659 A83-44569  
Something about to improve the accuracy of testing in low speed wind tunnel p 689 A83-44571  
Aerodynamic performance of a fan stage utilizing variable inlet guide vanes (VIGVs) for thrust modulation --- subsonic V/STOL aircraft  
[AIAA PAPER 83-1162] p 660 A83-45508  
Low flight speed acoustic results for a supersonic inlet with auxiliary inlet doors  
[AIAA PAPER 83-1415] p 706 A83-45517  
Combined four-wall interference assessment in two-dimensional airfoil tests p 689 A83-45576  
Cryogenic-wind-tunnel technology - A way to measurement at higher Reynolds numbers p 689 A83-46484  
Wind tunnel investigations of some three-dimensional separated turbulent boundary layers p 662 A83-47019  
An improved propeller for general-aviation aircraft p 736 A83-47194  
Hypersonic dynamic testing of ablating models with three-degree-of-freedom gas bearings p 753 A83-48135  
Evaluation of four subcritical response methods for on-line prediction of flutter onset in wind tunnel tests p 753 A83-48212  
The effect of a leading-edge slot on the dynamic stall of an oscillating airfoil  
[AIAA PAPER 83-2533] p 716 A83-48368  
Investigation of the unsteady airloads on airfoils with oscillating control in sub- and transonic flows p 717 A83-49180  
Survey of aeroelastic wind tunnel and flight testing methods at MBB p 753 A83-49181  
Flow visualization by light sheet  
[ONERA, TP NO 1983-105] p 764 A83-49416  
Exploratory low-speed wind-tunnel investigation of advanced commuter configurations including an over-the-wing propeller design  
[AIAA PAPER 83-2531] p 732 A83-49590  
Aeromechanical stability of a hingeless rotor in hover and forward flight - Analysis and wind tunnel tests p 732 A83-50141  
Recent applications of a laser velocimeter in the Langley 4by 7-meter Wind Tunnel p 765 A83-50145  
Aerodynamic characteristics of maneuvering flaps p 8 A83-10004  
An experimental and theoretical investigation of thick wings at various sweep angles in and out of ground effect  
[NASA-TP-2068] p 9 A83-10016  
Wind tunnel tests of a zero length, slotted-lip engine air inlet for a fixed nacelle V/STOL aircraft  
[NASA-TM-82939] p 9 A83-10019  
Some measurements of wing buffeting on a flutter model of a typical strike aircraft  
[RAE-TR-82007] p 48 A83-10052  
Analysis of subcritical response measurements from aircraft flutter tests p 52 A83-10269  
Investigation of some effects of humidity on aerodynamic characteristics on a 10-percent-thick NASA supercritical airfoil  
[NASA-TM-X-3355] p 4 A83-11018  
Wind-Tunnel investigation of effects of underwing leading-edge vortex generators of a supercritical-wing research airplane configuration  
[NASA-TM-X-2471] p 4 A83-11019  
Wind-tunnel investigation of effects of rear upper surface modification on a NASA supercritical airfoil  
[NASA-TM-X-2454] p 4 A83-11020  
Effects of wing trailing-edge truncation on aerodynamic characteristics of a NASA supercritical-wing research airplane model  
[NASA-TM-X-3024] p 4 A83-11021  
Dynamic stability characteristics in pitch, yaw, and roll of a supercritical-wing research airplane model --- langley 8-foot transonic tunnel tests  
[NASA-TM-X-2900] p 4 A83-11023  
Aerodynamic characteristics of two 10-percent-thick NASA supercritical airfoils with different upper surface curvature distributions --- Langley 8 foot transonic tunnel tests  
[NASA-TM-X-2977] p 5 A83-11026  
Wind-tunnel measurements of the chordwise pressure distribution and profile drag of a research airplane model incorporating a 17-percent-thick supercritical wing  
[NASA-TM-X-2760] p 5 A83-11027  
A wind-tunnel investigation of the application of the NASA supercritical airfoil to a variable-wing-sweep fighter airplane  
[NASA-TM-X-2759] p 5 A83-11028  
Investigation at near-sonic speed of some effects of humidity on the longitudinal aerodynamic characteristics of an NASA supercritical wing research airplane model  
[NASA-TM-X-2618] p 5 A83-11029  
Aerodynamic characteristics of an improved 10-percent thick NASA supercritical airfoil --- Langley 8 foot transonic tunnel tests  
[NASA-TM-X-2978] p 5 A83-11031  
Wind tunnel development of underwing leading-edge vortex generators on a NASA supercritical-wing research airplane configuration  
[NASA-TM-X-2808] p 6 A83-11032  
Low-speed aerodynamic characteristics of a 17-percent-thick supercritical airfoil section, including a comparison between wind-tunnel and flight data  
[NASA-TM-X-2571] p 6 A83-11034  
Investigation of installation effects of single-engine convergent-divergent nozzles  
[NASA-TP-2078] p 11 A83-11059  
Wind tunnel investigation of several high aspect-ratio supercritical wing configurations on a wide-body-type fuselage  
[NASA-TM-X-71996] p 11 A83-11070  
Aerodynamic characteristics of the 10-percent-thick NASA supercritical airfoil 33 designed for a normal-force coefficient of 0.7  
[NASA-TM-X-72711] p 12 A83-11075  
Aerodynamic characteristics of a 14-percent-thick NASA supercritical airfoil designed for a normal-force coefficient of 0.7  
[NASA-TM-X-72712] p 12 A83-11077  
Aerodynamic characteristics of 10 percent thick NASA supercritical airfoils with different aft camber  
[NASA-TM-X-72007] p 12 A83-11078  
Static longitudinal aerodynamic characteristics of a model with a modified 17 percent thick supercritical wing  
[NASA-TM-X-3211] p 13 A83-11081  
Application of a supercritical wing to an executive-type jet transport model  
[NASA-TM-X-3251] p 13 A83-11082  
Transonic aerodynamic characteristics of the 10 percent-thick NASA supercritical airfoil 31  
[NASA-TM-X-3203] p 13 A83-11083  
Aerodynamic characteristics of the AFFTC noseboom instrumentation unit, volume 1  
[AD-A118315] p 14 A83-11089  
Numerical and experimental investigation of the aerodynamics of double membrane sawing airfoil sections  
[VTH-LR-345] p 14 A83-11092  
Low speed aerodynamic characteristics of a transport configuration having a 42 deg swept supercritical airfoil wing and three tail height positions  
[NASA-TM-X-3149] p 32 A83-11115  
Wind tunnel investigation of aerodynamic load distribution on a variable-wing-sweep fighter airplane with a NASA supercritical airfoil  
[NASA-TM-X-3095] p 32 A83-11116  
Stability and control characteristics at Mach numbers 1.60 to 2.86 of a variable-sweep fighter configuration with supercritical airfoil sections --- Langley unitary plan wind tunnel tests  
[NASA-TM-X-2284] p 52 A83-11141  
Wind tunnel investigation of longitudinal and lateral-directional stability and control characteristics of a 0.237-scale model of a remotely piloted research vehicle with a thick, high-aspect-ratio supercritical wing  
[NASA-TM-81790] p 53 A83-11142  
Bending-torsion flutter of a highly swept advanced turboprop  
[NASA-TM-82975] p 68 A83-11514  
Wind tunnel investigation of effects of wing-leading-edge modifications on the high angle-of-attack characteristics of a T-tail low-wing general-aviation aircraft  
[NASA-CR-3636] p 179 A83-12049  
Passive shock wave/boundary layer control for transonic supercritical airfoil drag reduction p 180 A83-13068  
A projected large low speed wind tunnel to meet Australian requirements Aerodynamics note  
[AD-A118913] p 209 A83-13125  
Wakes from arrays of buildings --- flight safety  
[NASA-CR-170666] p 183 A83-14430  
Wind tunnel tests of a free-wing/free-timmer model  
[NASA-CR-170394] p 137 A83-15263  
Wind tunnel evaluation of air-fol performance using simulated ice shapes p 138 A83-15265  
Wind-tunnel studies of the effects of simulated damage on the aerodynamic characteristics of airplanes and missiles  
[NASA-TM-84588] p 138 A83-15266  
Wind tunnel force and pressure tests  
[NASA-CR-3439] p 190 A83-16287  
Low-speed aerodynamic characteristics of a 17-percent-thick medium speed airfoil designed for general aviation applications p 191 A83-16290  
Flap effectiveness on subsonic longitudinal aerodynamic characteristics of a modified arrow wing  
[NASA-TM-84582] p 245 A83-18673  
Flow visualization techniques for the study of high incidence aerodynamics p 245 A83-18686  
A rotor technology assessment of the advancing blade concept  
[NASA-TM-84298] p 265 A83-18712  
Status of NTF models p 291 A83-18754  
A method for modifying two-dimensional adaptive wind-tunnel walls including analytical and experimental verification  
[NASA-TP-2081] p 292 A83-18770  
Construction and test of flexible walls for the throat of the ILR high-speed wind tunnel  
[NASA-TM-77005] p 293 A83-18771  
Preliminary rotor wake measurements with a laser velocimeter  
[NASA-TM-83246] p 301 A83-19018  
Subsonic balance and pressure investigation of a 60 deg delta wing with leading edge devices  
[NASA-CR-165923] p 246 A83-19714  
Variable camber rotor study  
[NASA-CR-166382] p 266 A83-19740  
High-angle-of-attack stability characteristics of a 3-surface fighter configuration  
[NASA-TM-84584] p 288 A83-19757  
Aerodynamic test facility requirements for defence R and D to 2000 and beyond p 293 A83-19763  
Rotary balance data for a typical single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg 1 Influence of airplane components for model D --- Langley spin tunnel tests  
[NASA-CR-3246] p 315 A83-20918  
Improving calculations of wall effects in industrial wind tunnels at ONERA p 348 A83-20968  
Aeropropulsive characteristics of twin single-expansion-ramp vectoring nozzles installed with forward-swept wings and canards --- transonic tunnel tests  
[NASA-TP-2133] p 316 A83-22161  
Experimental study of wing leading-edge devices for improved maneuver performance of a supercritical maneuvering fighter configuration --- Langley 7- by 10-ft high speed tunnel tests  
[NASA-TP-2125] p 316 A83-22162  
Flutter and steady/unsteady aerodynamic characteristics of supercritical and conventional transport wings p 345 A83-22218  
Noise of the 10-bladed 60 deg swept SR-5 propeller in a wind tunnel  
[NASA-TM-83054] p 367 A83-23112  
Wind tunnel flow quality and data accuracy requirements  
[AGARD-AR-184] p 376 A83-23276  
An experimental investigation of the influence from controls on supersonic axisymmetric flow over afterbodies with a centered propulsive jet  
[FFA-TN-1982-50] p 377 A83-23280  
The ARL transonic wind tunnel  
[ARL/AERO-NOTE-412] p 401 A83-23327  
Transonic cryogenic test section for the Goettingen Tube Facility  
[NASA-TM-77050] p 401 A83-23328  
Loads and performance data from a wind-tunnel test of model articulated helicopter rotors with 2 different blade torsional stiffnesses  
[NASA-TM-84573] p 377 A83-24471  
Effects of twin-vertical-tail parameters on twin-engine afterbody/nozzle aerodynamic characteristics --- Langley 16-ft transonic tunnel tests  
[NASA-TP-2158] p 377 A83-24478  
High Reynolds number tests of the CAST 10-2/DOA 2 airfoil in the Langley 0.3-meter transonic cryogenic tunnel, phase 1  
[NASA-TM-84620] p 424 A83-25660  
Effect of empennage location on twin-engine afterbody-nozzle aerodynamic characteristics at Mach Numbers from 0.6 to 1.2 --- wind tunnel tests  
[NASA-TP-2116] p 424 A83-25666

- Wind tunnel investigation of varying hinged flaps  
[AD-A124703] p 424 N83-25668
- Transient heat-transfer measurement technique in wind tunnel and data analysis technique using system identification theory  
[AD-A124663] p 424 N83-25669
- Wind tunnel test of a C-18 aircraft modified with the advanced range instrumentation aircraft radome  
[AD-A124771] p 425 N83-25671
- Force and pressure measurements on a research model with a low-, mid- and T-tail at Mach numbers of 0.60 to 0.90 Volume 2 Tabulated data  
[AD-A124068] p 425 N83-25676
- F-14 rotary balance tests for an angle-of-attack range of 0 deg to 90 deg  
[AD-A124468] p 441 N83-25700
- Model mount system for testing flutter  
[NASA-CASE-LAR-12950-1] p 465 N83-25727
- Experimental study of strength and existence domain of ground-to-air inlet vortices by ground board static pressure measurements  
[PB83-144865] p 460 N83-26843
- Low flight speed acoustic results for a supersonic inlet with auxiliary inlet doors  
[NASA-TM-83411] p 482 N83-27794
- Aerodynamic performance of a fan stage utilizing Variable Inlet Guide Vanes (VIGVs) for thrust modulation --- subsonic V/STOL aircraft  
[NASA-TM-83438] p 504 N83-27957
- Force and pressure measurements on a research model with a low-, mid- and T-tail at Mach numbers of 0.60 to 0.90 Volume 1 Summary report  
[AD-A124067] p 504 N83-27962
- Aerodynamic model identification from dynamic flight test data and wind tunnel experiments  
[VTH-LR-361] p 505 N83-27967
- Low speed performance of a supersonic axisymmetric mixed compression inlet with auxiliary inlets --- Lewis 9x15-ft anechoic wind tunnel tests  
[NASA-TM-83435] p 536 N83-27992
- Studies on the cryogenic induction driven wind-tunnel T2  
p 548 N83-28004
- Design and evaluation of cascade test facility  
[AD-A125622] p 549 N83-28009
- Effects of flow separation and cove leakage on pressure and heat-transfer distributions along a wing-cove-elevon configuration at Mach 6.9 --- Langley 8-ft high temperature tunnel test  
[NASA-TP-2127] p 561 N83-28378
- Acoustic measurements of the X-wing rotor  
[NASA-TM-84292] p 571 N83-28985
- Design, construction and test of an experimental propeller in the power range 750 HP  
[BMFT-FB-W-83-004] p 507 N83-29184
- A look at engine handling aspects from aircraft flight test experience, with an outlook for future requirements  
p 540 N83-29245
- Experimental aerodynamic facilities of the Aerodynamics Research and Concepts Assistance Section  
[AD-A126272] p 549 N83-29274
- Ground/Flight Test Techniques and Correlation  
[AD-A129433] p 576 N83-30357
- Predicted and flight test results of the performance and stability and control of the space shuttle from reentry to landing  
p 634 N83-30360
- Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison between wind tunnel and flight results for aerodynamic performance  
p 603 N83-30361
- Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison of the wing pressure distribution and local wake survey from analytical, wind tunnel and flight results  
p 603 N83-30362
- Some measurements of buffeting on a flutter model of a typical strike aircraft  
p 627 N83-30370
- Aerodynamic model identification from dynamic flight test data and wind tunnel experiments  
p 604 N83-30371
- Correlation aspects of analytical, wind tunnel and flight test results for a hingeless rotor helicopter  
p 604 N83-30373
- Dynamic structural aeroelastic stability testing of the XV-15 tilt rotor research aircraft  
p 628 N83-30376
- Wall-temperature effects on the aerodynamics of a hydrogen-fueled transport concept in Mach 8 blowdown and shock tunnels  
[NASA-TP-2159] p 582 N83-30391
- Heat transfer and skin friction measurements in a hypersonic turbulent boundary layer at  $M = 9$  --- Mach number  
[IC-AERO-82-04] p 583 N83-30397
- Weather hazard simulation in the Modane wind-tunnels  
[NASA-TM-77069] p 631 N83-30438
- Wind-tunnel research of flowfields within naturally ventilated rooms of simple geometry  
[DE83-008110] p 644 N83-30813
- An experimental study of pressures on 60 deg Delta wings with leading edge vortex flaps  
[NASA-CR-172833] p 583 N83-31576
- Wind-tunnel investigation of leading-edge thrust on arrow wings in supersonic flow  
[NASA-TP-2187] p 583 N83-31577
- The TOPSY guide Transient tunnel operating, data acquisition and processing system User's and programmer's guides  
[OUEL-1462/83] p 632 N83-31610
- Preliminary engineering study Quick opening valve MSFC high Reynolds number wind tunnel  
[NASA-CR-170845] p 632 N83-31612
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to sideslip, (Y sub v) sub f, (N sub v) sub f, (L sub v) sub f, in the presence of body, wing and tailplane  
[ESDU-82010] p 664 N83-32763
- Theoretical and experimental investigation of supersonic aerodynamic characteristics of a twin-fuselage concept  
[NASA-TP-2184] p 665 N83-32776
- Analysis and correlation of the test data from an advanced technology rotor system  
[NASA-CR-3714] p 665 N83-32777
- Wind tunnel testing of three-dimensional models in wind tunnels with two adaptive walls  
[VKI-TN-147] p 665 N83-32781
- Longitudinal aerodynamic characteristics of a wing-winglet model designed at  $M = 0.8$ ,  $C$  sub  $L = 0.4$  using linear aerodynamic theory  
[NASA-CR-172186] p 666 N83-33854
- Wall interference correction improvements for the ONERA main wind tunnels  
[NASA-TM-76971] p 690 N83-33908
- Experiments in a three-dimensional adaptive-wall wind tunnel  
[NASA-TP-2210] p 718 N83-34906
- Technical evaluation report on the Flight Mechanics Panel Symposium on Ground/Flight Test Techniques and Correlation  
[AGARD-AR-191] p 733 N83-34939
- WIND TUNNEL WALLS**
- Wind tunnel noise reduction at Mach 5 with a rod-wall sound shield --- for prevention of premature boundary layer transition on wind tunnel models  
[AIAA PAPER 82-0570] p 346 A83-28952
- Survey of the ONERA activities on the adaptive wall applications and commutation of residual corrections  
[ONERA, TP NO 1983-11] p 464 A83-36421
- Contouring tunnel walls to achieve free-air flow over a transonic swept wing  
[AIAA PAPER 83-1725] p 492 A83-37211
- Combined four-wall interference assessment in two-dimensional airfoil tests  
p 689 A83-45576
- The technology of adaptive wind-tunnel walls  
p 752 A83-47226
- Preliminary study on variable porosity walls for a transonic wind tunnel  
p 57 N83-11037
- Flow quality of NAL two-dimensional transonic wind tunnel Part 1 Mach number distributions, flow angulants and preliminary study of side wall boundary layer suction  
[NAL-TR-693] p 179 N83-12043
- Extraction of model performance from wall data in a 2-dimensional transonic flexible walled test section  
[NASA-CR-165994] p 207 N83-12102
- Measuring the flow properties of slotted test-section walls  
[PB82-239849] p 219 N83-13417
- Adaptive wall wind tunnels, a selected, annotated bibliography  
[NASA-TM-84526] p 174 N83-14138
- Sound shield  
[NASA-CASE-LAR-12883-1] p 237 N83-17235
- A method for modifying two-dimensional adaptive wind-tunnel walls including analytical and experimental verification  
[NASA-TP-2081] p 292 N83-18770
- Construction and test of flexible walls for the throat of the ILR high-speed wind tunnel  
[NASA-TM-77005] p 293 N83-18771
- Transonic and nonlinear flow research  
[AD-A121477] p 246 N83-19719
- Wind tunnel wall interference in unsteady transonic testing  
p 346 N83-20905
- The use of panel methods for the evaluation of subsonic wall interference  
p 347 N83-20959
- Similarity rules for effects of sidewall boundary layer in two-dimensional wind tunnels  
p 347 N83-20960
- Reynolds number effects on transonic shock location  
p 347 N83-20961
- Flow properties of slotted-wall test sections  
p 347 N83-20963
- Wall boundary-layer effects in transonic wind tunnels  
p 348 N83-20964
- Measured boundary conditions methods for 2D flow  
p 348 N83-20966
- Subsonic wall interference corrections for finite-length test sections using boundary pressure measurements  
p 348 N83-20967
- Improving calculations of wall effects in industrial wind tunnels at ONERA  
p 348 N83-20968
- On the use of adaptive walls for transonic wind tunnel testing  
p 348 N83-20969
- Use of adaptive walls in 2D tests  
p 349 N83-20970
- The status of two- and three-dimensional testing in the University of Southampton transonic self-streamlining wind tunnel  
p 349 N83-20971
- Adaptive-wall wind-tunnel research at Ames Research Center  
p 349 N83-20972
- Development of a three-dimensional adaptive wall test section with perforated walls  
p 349 N83-20973
- Proceedings of the AGARD Fluid Dynamics Panel Specialists Meeting on Wall Interference in Wind Tunnels  
[AGARD-AR-190] p 550 N83-29277
- Convergence behavior that controls adaptive wind tunnel walls near the test section in the high angle of attack range  
[NASA-TM-77006] p 631 N83-30439
- Experimental investigation of interferences of top and bottom slotted walls and the effects of sidewalls in a transonic airfoil wind tunnel  
p 690 N83-32729
- Wind tunnel testing of three-dimensional models in wind tunnels with two adaptive walls  
[VKI-TN-147] p 665 N83-32781
- Wall interference correction improvements for the ONERA main wind tunnels  
[NASA-TM-76971] p 690 N83-33908
- Experiments in a three-dimensional adaptive-wall wind tunnel  
[NASA-TP-2210] p 718 N83-34906
- WIND TUNNELS**
- Applications of flow visualization techniques in aerodynamics  
[ONERA, TP NO 1982-68] p 213 A83-14528
- 75th anniversary of the establishment of the Aerodynamic Experimental Institute of Goettingen  
p 127 A83-16896
- Soon 30 years of testing at Modane - Research continues with precision and efficacy  
[ONERA, TP NO 1982-131] p 174 A83-19414
- Acoustic wave propagation through the shear layer of the DNW large open jet wind tunnel  
[AIAA PAPER 83-0699] p 306 A83-25919
- Optimum wire screens for control of turbulence in wind tunnels  
p 417 A83-33772
- The impact of CFD on development test facilities - A National Research Council projection --- computational fluid dynamics  
[AIAA PAPER 83-1764] p 555 A83-37234
- Universities - Have they a role in aeronautical research?  
p 580 A83-42621
- Aerodynamics  
p 580 A83-42621
- Heavy gas mixtures for wind tunnel use  
p 630 A83-42623
- The simulation of temperature-stratified atmospheric boundary layers in a wind tunnel  
p 689 A83-46492
- Force-transmitting structures in blades for helicopter rotors, wind-tunnel blowers, and wind turbines  
[DGLR PAPER 82-013] p 764 A83-50138
- Adaptation of laser velocimeters to various applications  
p 218 N83-12410
- A projected large low-speed wind tunnel to meet Australian requirements Aerodynamics note  
[AD-A118913] p 209 N83-13125
- Design of a new contraction, wide angle diffuser and flow manipulators for the low speed wind tunnel  
[AD-A119544] p 175 N83-14144
- Comparison of rotor analysis results with aerodynamic windtunnel data  
p 194 N83-17487
- The aerodynamic performance of several flow control devices for internal flow systems  
[NASA-TP-1972] p 221 N83-17560
- Three-dimensional wall corrections for ventilated wind tunnels  
p 348 N83-20965
- A note on adaptive wind tunnels with imperfect control  
p 466 N83-26792
- Air Force Academy Aeronautics Digest, Spring/Summer 1982  
[AD-A128248] p 577 N83-31571
- Experimental investigation of interferences of top and bottom slotted walls and the effects of sidewalls in a transonic airfoil wind tunnel  
p 690 N83-32729
- The optical oil flow technique in a shock wave wind tunnel  
p 690 N83-32741
- Preliminary engineering study quick opening valve MSFC high Reynolds number wind tunnel (study report appendices)  
[NASA-CR-170849] p 690 N83-33906

## WIND TURBINES

- Design of optimum propellers  
[AIAA PAPER 83-0190] p 132 A83-18578
- An experimental study of windturbine noise from blade-tower wake interaction  
[AIAA PAPER 83-0691] p 306 A83-25913
- Comparison of NACA 6-series and 4-digit airfoils for Darrieus wind turbines p 564 A83-38013
- Force-transmitting structures in blades for helicopter rotors, wind-tunnel blowers, and wind turbines  
[DGLR PAPER 82-013] p 764 A83-50138
- An aeroelastic analysis of the Darrieus wind turbine p 220 N83-13476
- Darrieus rotor aerodynamics -- wind turbines  
[DE82-003495] p 138 N83-15271
- Prediction of Aerodynamic Loads on Rotorcraft -- helicopter and wind turbine rotors  
[AD-A124260] p 188 N83-17470
- Force imitations in helicopter rotor blades, wind channel fans and wind turbines  
[MBB-UD-356-82-0] p 196 N83-17522
- Simplified aeroelastic modeling of horizontal axis wind turbines  
[NASA-CR-168109] p 361 N83-21509
- Some experiments on Yaw stability of wind turbines with various coning angles  
[NASA-CR-168108] p 362 N83-22740
- Development of methodology for horizontal axis wind turbine dynamic analysis  
[NASA-CR-168110] p 382 N83-22747
- Aerodynamic research on Tipvane windturbines  
[PB83-147413] p 479 N83-27476
- Windmill wake turbulence decay: A preliminary theoretical model  
[DE83-008162] p 583 N83-30395
- A catalog of low Reynolds number airfoil data for wind turbine applications  
[RFP-3387] p 685 N83-32772
- WIND VANES**
- Miniature electro-optical air flow sensor  
[NASA-CASE-LAR-13065-1] p 413 N83-25539
- Aerodynamic research on Tipvane windturbines  
[PB83-147413] p 479 N83-27476
- WIND VELOCITY**
- Computer-enhanced analysis of a jet in a cross stream p 228 A83-19804
- Specification of slant wind shear with an offset tower observation system p 564 A83-38749
- Vibration in turbomachinery: A bibliography of research reports (1966 - 1981) p 301 N83-19129
- [CUEP/A-TURBO-TR-109] p 301 N83-19129
- Analysis and specification of slant wind shear  
[AD-A125883] p 479 N83-26367
- Effects of wind on the aircraft optimum cruise performance and flight performance advisory systems for F-4E and F-5E aircraft  
[AD-A125887] p 527 N83-27984
- WIND VELOCITY MEASUREMENT**
- JANUS - An aircraft prototype of a low earth orbit split beam stereoscopic observing system -- for wind field determination p 355 A83-29696
- WINDMILLS (WINDPOWERED MACHINES)**
- Effects of dynamic stall on SWECS p 409 N83-23732
- WINDOWS (APERTURES)**
- Service operation of a CFRP window frame in short fiber pressing  
[BMFT-FB-W-82-021] p 233 N83-17749
- WINDSHIELDS**
- USAF studying techniques to restore windshields p 2 A83-12324
- Impact-resistant transparencies for marine service -- windscreens for aircraft  
[ASME PAPER 82-WA/OCE-4] p 295 A83-25686
- F/R-4 transparency baseline bird impact test program p 598 A83-42533
- Design of glass-faced helicopter windshields for survival in a particle impact environment  
[AIAA PAPER 83-2439] p 726 A83-48328
- Visual judgments of optical distortions in aircraft windscreens  
[AD-A124307] p 390 N83-24503
- WING CAMBER**
- AFTI/F-111 mission adaptive wing technology demonstration program  
[AIAA PAPER 83-1057] p 438 A83-36468
- Drag of wings with cambered airfoils and partial leading-edge suction p 716 A83-48220
- WING FLAPS**
- Jet wing vortex lattice theory with nonlinear wake and tip flows  
[AIAA PAPER 83-0263] p 133 A83-16619
- Aerosound from corner flow and flap flow  
[AIAA PAPER 81-2039] p 237 A83-19813
- Aerodynamic characteristics of maneuvering flaps p 8 N83-10004

- Low-speed aerodynamic characteristics of a 42 deg swept high-wing model having a double-slotted flap system and a supercritical airfoil  
[NASA-TM-X-3036] p 4 N83-11022
- QCSEE under-the-wing engine-wing-flap aerodynamic profile characteristics  
[NASA-TM-82890] p 201 N83-12092
- A study of the flow around a slotted flap end  
[BU-279] p 192 N83-16306
- Propeller power effects with wing flaps deflected  
[ARL/AERO-NOTE-413] p 393 N83-23307
- For operation of the Computer Software Management and Information Center (COSMIC)  
[NASA-CR-172904] p 569 N83-30060
- Low-speed aerodynamic performance of an aspect-ratio-10 supercritical-wing transport model equipped with a full-span slat and part-span and full-span double-slotted flaps  
[NASA-TP-1805] p 582 N83-30390
- Investigation of jet-installation noise sources under static conditions  
[NASA-TP-2181] p 706 N83-33684
- WING FLOW METHOD TESTS**
- Computation of vortex flow around wings using the Euler equations p 177 A83-14605
- On the aerodynamics of over-the-wing nacelles supported on 'stub-wings'  
[AIAA PAPER 83-0538] p 150 A83-16774
- Wind tunnel tests of over-the-wing nacelles -- supported on 'stub-wings' p 422 A83-36916
- An experimental study of the turbulent boundary layer on a transport wing in transonic flow  
[AIAA PAPER 83-1687] p 492 A83-37188
- An investigation of wing leading-edge vortices at supersonic speeds  
[AIAA PAPER 83-1816] p 498 A83-38648
- Half model testing applied to wings above and below stall p 661 A83-46455
- Considerations of the vorticity fields on wings p 661 A83-46455
- Calculation of potential flow about arbitrary three dimensional wings using internal singularity distributions p 715 A83-48143
- Some measurements of wing buffeting on a flutter model of a typical strike aircraft  
[RAE-TR-82007] p 48 N83-10052
- WING LOADING**
- Fatigue sensitivity of composite structure for fighter aircraft p 152 A83-18402
- Model attitude and deformation measurement in wind tunnel  
[ONERA, TP NO 1982-91] p 181 A83-18428
- Design, analyses, and model tests of an aeroelastically tailored lifting surface p 204 A83-22155
- The simulation of fatigue loads in aeronautics p 219 A83-23241
- Distribution of the load-carrying material in a minimum-weight wing in the case of constraints on strength and load-carrying capacity p 556 A83-37513
- A model for determining the reliability of an aircraft wing structure p 557 A83-37638
- Determination of the suction-force distribution and its effect on the aerodynamic design of a wing for supersonic flow p 661 A83-46495
- The design integration of wingtip devices for light general aviation aircraft  
[NASA-TM-83252] p 30 N83-10034
- An investigation of the aerodynamic characteristics of a new general aviation airfoil in flight  
[NASA-CR-169477] p 179 N83-12046
- QCSEE under-the-wing engine-wing-flap aerodynamic profile characteristics  
[NASA-TM-82890] p 201 N83-12092
- Flutter and steady/unsteady aerodynamic characteristics of supercritical and conventional transport wings p 345 N83-22218
- Helicopter rotor loads using discretized matched asymptotic expansions p 423 N83-25658
- Helicopter rotor loads using matched asymptotic expansions User's manual  
[NASA-CR-166093] p 423 N83-25659
- Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft p 628 N83-30380
- WING NACELLE CONFIGURATIONS**
- On the aerodynamics of over-the-wing nacelles supported on 'stub-wings'  
[AIAA PAPER 83-0538] p 150 A83-16774
- Theory of resistance interference of airfoil wings and engine exhaust p 188 A83-19667
- Aerodynamic design of propan powered transports  
[AIAA PAPER 83-1213] p 437 A83-36285
- Wind tunnel tests of over-the-wing nacelles -- supported on 'stub-wings' p 422 A83-36916

- Effects of nacelle position and shape on performance of subsonic cruise aircraft  
[AIAA PAPER 83-1124] p 519 A83-38079
- Interference during flow around a wing and an axisymmetric nacelle p 578 A83-41879
- Aerodynamics propulsion and longitudinal control requirements for a tilt-nacelle V/STOL with control vanes submerged in the nacelle slipstream  
[AIAA PAPER 83-2513] p 728 A83-48357
- Acoustic environment on the surface of a large-scale powered model of a vectored-engine-over-the-wing STOL configuration p 73 N83-10272
- Aerodynamics on a transport aircraft type wing-body mode  
[PB82-206855] p 194 N83-12081
- A NASTRAN model of a large flexible swing-wing bomber Volume 3 NASTRAN model development-wing structure  
[NASA-CR-170392-VOL-3] p 154 N83-14109
- Investigation of jet-installation noise sources under static conditions  
[NASA-TP-2181] p 706 N83-33684
- WING OSCILLATIONS**
- Prediction of transonic flutter for a supercritical wing by modified strip analysis p 62 A83-10190
- Swept composite wing aeroelastic divergence experiments p 29 A83-10193
- An oscillating ng for the generation of sinusoidal flows p 56 A83-12008
- Application of matrix singular value properties for evaluating gain and phase margins of multiloop systems -- stability margins for wing flutter suppression and drone lateral attitude control p 72 A83-12457
- Mechanism case studies VI  
[ASME PAPER 82-DET-47] p 65 A83-12772
- Helicopter rotor performance evaluation using oscillatory airfoil data p 177 A83-13172
- Nonlinear aerodynamic modeling of flap oscillations in transonic flow - A numerical validation  
[AIAA PAPER 81-0073] p 178 A83-15290
- Vibration of airfoils in sinusoidal oblique gust  
[AIAA PAPER 83-0005] p 129 A83-16457
- Investigation of dynamic characteristics of an elastic wing due to correction of mass and stiffness matrices  
[AIAA PAPER 83-0653] p 150 A83-16818
- Model attitude and deformation measurement in wind tunnel  
[ONERA, TP NO 1982-91] p 181 A83-18428
- Flight test results of an active flutter suppression system p 216 A83-22164
- Wind tunnel study of icing and de-icing on oscillating rotor blades  
[ONERA, TP NO 1982-116] p 247 A83-24327
- Instantaneous turbulence profiles in the wake of an oscillating airfoil p 312 A83-28951
- Effects of viscosity on transonic-aerodynamic and aeroelastic characteristics of oscillating airfoils  
[AIAA 83-0888] p 312 A83-29835
- General equations of motion for an elastic wing and method of solution  
[AIAA 83-0921] p 357 A83-29847
- Flutter analysis of a transport wing using XTRAN3S  
[AIAA 83-0922] p 357 A83-29848
- Transonic pressure distributions on a rectangular supercritical wing oscillating in pitch  
[AIAA 83-0923] p 313 A83-29849
- Active suppression of aeroelastic instabilities on a forward swept wing p 341 A83-29869
- The design, testing and analysis of aeroelastically tailored transonic flutter model wings  
[AIAA 83-1027] p 330 A83-29876
- Transonic interference effects in testing of oscillating airfoils p 313 A83-29883
- Bending effects on structural dynamic instabilities of transonic wings  
[AIAA 83-0920] p 358 A83-29887
- Numerical solutions for unsteady aeroflows using internal singularity distributions p 313 A83-29971
- Test demonstration of digital control of wing/store flutter p 383 A83-30163
- Energetics and optimum motion of oscillating lifting surfaces -- energy losses of rigid wings  
[AIAA PAPER 83-1710] p 492 A83-37204
- Experimental research on cavitation erosion for an oscillating wing profile -- German thesis p 556 A83-37497
- The fluid mechanics of slender wing rock -- vortex shedding of delta configurations  
[AIAA PAPER 83-1810] p 497 A83-38643
- Transonic flutter model study of a supercritical wing and winglet p 640 A83-41048
- Transonic wind tunnel test on an oscillating flap  
[AIAA PAPER 83-2132] p 579 A83-41954

- A turbulent flow Navier-Stokes analysis for an airfoil oscillating in pitch p 660 A83-46437
- On the energy characteristics of the aerodynamic matrix and the relationship to possible flutter p 715 A83-48144
- Investigation of the unsteady airloads on airfoils with oscillating control in sub- and transonic flows p 717 A83-49180
- Propulsive performance of 2-dimensional thin airfoils undergoing large-amplitude pitch and plunge oscillations --- omnithopter aircraft [UTIAS-TN-226] p 180 A83-13074
- Unsteady airloads on oscillating wings in post-stall condition p 314 A83-20906
- Transonic interference effects in testing of oscillating airfoils p 662 A83-32746
- Correlation of experimental and quasi-3D theoretical airloads on the oscillating LANN supercritical wing model [AD-A130550] p 718 A83-36002
- WING PANELS**
- Initial design of stringer stiffened bend boxes using geometric programming p 232 A83-23149
- Application of laser holographic interferometry to vibration analysis of aircraft beam structure model p 300 A83-26765
- The residual strength of prefabricated structures made of pressed panels of D16chT alloy and its modifications p 406 A83-32075
- Correction to the wing source velocity error in Woodward's USSAERO code p 423 A83-36920
- A model for determining the reliability of an aircraft wing structure p 557 A83-37638
- Battle damage and repair of an advanced composite A-7 outer wing p 575 A83-42547
- Unsteady aerodynamic forces and flutter analysis for a wing-aileron-tab configuration p 643 A83-43688
- A crack growth fatigue life under spectrum loading p 643 A83-43692
- Design, fabrication and testing of an advanced composite access door for use in a lower wing panel [VTH-LR-335] p 61 A83-11251
- On the fail-safe characteristics of stiffened panels [DFVLR-FB-83-08] p 562 A83-28501
- Numerical optimization techniques for bound circulation distribution for minimum induced drag of Nonplanar wings Computer program documentation [NASA-CR-3458] p 581 A83-30385
- WING PLANFORMS**
- A multi-grid method for transonic wing analysis and design [AIAA PAPER 83-0262] p 133 A83-16618
- Unsteady transonic flow over wings including inviscid/viscous interaction p 190 A83-22132
- Status review of a supersonically-biased fighter wing-design study [AIAA PAPER 83-1857] p 521 A83-38684
- SC3 - A wing concept for supersonic maneuvering [AIAA PAPER 83-1858] p 500 A83-38685
- Experimental work on the aerodynamics of integrated slender wings for supersonic flight p 659 A83-44360
- Comparison of analytical and experimental subsonic steady and unsteady pressure distributions for a high-aspect-ratio-supercritical wing model with oscillating control surfaces [NASA-TM-84490] p 9 A83-10017
- The NASA supercritical-wing technology [NASA-TM-78731] p 11 A83-11071
- Study of supersonic wings employing the attainable leading-edge thrust concept [NASA-CR-3637] p 180 A83-13073
- Integrated Application of Active Controls (IAAC) technology to an advanced subsonic transport project Wing planform study and final configuration selection [NASA-CR-165830] p 605 A83-30401
- Contribution of wing planform to rolling moment derivative due to sideslip, (L sub W) sub W, at subsonic speeds [ESDU-80033] p 663 A83-32751
- Contribution of wing planform to derivatives of yawing moment and sideforce due to roll rate at subsonic speeds (N sub p) sub w and (Y sub p) sub w [ESDU-81014] p 663 A83-32756
- WING PROFILES**
- Relaxation computation of transonic flows around wings with blunt leading-edge and discussion on its stability and convergence p 178 A83-15543
- Computational wing design for an advanced trainer [AIAA PAPER 83-0093] p 149 A83-16517
- A supersonic maneuver wing designed for nonlinear attached flow [AIAA PAPER 83-0425] p 134 A83-16707
- A numerical transformation solution procedure for closely coupled canard-wing transonic flows [AIAA PAPER 83-0502] p 137 A83-19591
- Optimization of the supersonic drag of a smooth wing by use of linearized potential theory --- French thesis p 188 A83-20400
- Fuselage-lifting surfaces interaction in unsteady subsonic flow --- French thesis p 189 A83-22083
- The problem of an optimum wing of constant seaworthiness p 375 A83-33003
- Second approximation of quadrupole wing theory in lifting surface theory p 375 A83-33004
- A study of the motion of thin-section wings of complex configurations near a solid surface p 375 A83-33005
- Separated flows on a concave conical wing p 418 A83-35707
- Optimal form of the middle surface of a wing with supersonic leading edge, assuring minimum drag for a prescribed lift force and pitching moment p 493 A83-37518
- Subsonic compressible-gas separated flow past a low-aspect-ratio wing p 495 A83-37626
- Aerodynamic characteristics of thin wings in a nonequilibrium hypersonic gas flow p 495 A83-37640
- The theory for a flexible slat p 495 A83-37810
- X-29 forward swept wing aerodynamic overview [AIAA PAPER 83-1834] p 520 A83-38663
- Computational aerodynamic design methodology [AIAA PAPER 83-1865] p 501 A83-38692
- The impact of missions on the preliminary design of an ABC rotor [SAWE PAPER 1501] p 603 A83-43760
- Von Mises wing optimization [AIAA PAPER 83-2558] p 729 A83-48377
- An experimental and theoretical investigation of thick wings at various sweep angles in and out of ground effect [NASA-TP-2068] p 9 A83-10016
- Effects of wing trailing-edge truncation on aerodynamic characteristics of a NASA supercritical-wing research airplane model [NASA-TM-X-3024] p 4 A83-11021
- Aerodynamic characteristics of two 10-percent-thick NASA supercritical airfoils with different upper surface curvature distributions --- Langley 8 foot transonic tunnel tests [NASA-TM-X-2977] p 5 A83-11026
- Modern wing technology for general aviation aircraft Phase 3 Flight testing [BMFT-FB-W-82-012] p 33 A83-11121
- Analytical procedures for flutter model development and checkout in preparation for wind tunnel testing of the DAST ARW-1 wing [NASA-CR-166023] p 170 A83-15317
- LANN wing design p 291 A83-18755
- The solar aircraft [NASA-TM-77042] p 388 A83-23295
- WING ROOTS**
- Helicopter vibration suppression using simple pendulum absorbers on the rotor blade p 204 A83-13109
- Eigenspace techniques for active flutter suppression [NASA-CR-169858] p 217 A83-17556
- WING SLOTS**
- Aerodynamic characteristics of a slotted vs smooth-skin supercritical wing model p 178 A83-15324
- Theoretical determination of the lift of a simulated ejector wing [AD-A124695] p 425 A83-25670
- WING SPAN**
- Integrated Application of Active Controls (IAAC) technology to an advanced subsonic transport project Wing planform study and final configuration selection [NASA-CR-165830] p 605 A83-30401
- WING TIP VORTICES**
- A half-wing near a wall at high angles of attack in a pulsed flow [AAAF PAPER NT 81-12] p 8 A83-11773
- Helicopter blade tips [AAAF PAPER NT 81-19] p 8 A83-11778
- Computation of vortex flow around wings using the Euler equations p 177 A83-14605
- Jet wing vortex lattice theory with nonlinear wake and tip flows [AIAA PAPER 83-0263] p 133 A83-16619
- Investigations on the effects of discrete wingtip jets [AIAA PAPER 83-0546] p 134 A83-16781
- Theoretical and experimental study of helicopter rotor noise [ONERA, TP NO 1982-74] p 205 A83-23247
- Radar detection of wingtip vortices p 501 A83-38748
- WING TIPS**
- Augmentation of fighter aircraft lift and STOL capability by blowing outboard from the wing tips [AIAA PAPER 83-0078] p 130 A83-16507
- Flight flutter testing with emphasis on the tip vane method [ONERA, TP NO 1982-109] p 152 A83-18435
- Concerning a type of separated flow on a rectangular wing of small aspect ratio p 492 A83-37260
- Wing extensions for improving climb performance [AIAA PAPER 83-2556] p 729 A83-48375
- Inherent spiral stability in a fixed wing aircraft by means of a simplified pneumatic wing tip control system [NASA-CR-170207] p 344 A83-22206
- Analysis of nonplanar wing-tip-mounted lifting surfaces on low-speed airplanes [NASA-CR-3684] p 424 A83-25667
- Aeroelastic stability of a forward swept wing with wing tip stores [AD-A125457] p 678 A83-32797
- WING-FUSELAGE STORES**
- Supersonic flow around a conical fuselage of arbitrary section isolated or equipped with a delta wing with subsonic leading edges p 7 A83-10579
- Test demonstration of digital control of wing/store flutter p 383 A83-30163
- Divergence suppression system for a forward swept wing configuration with wing-mounted stores [AIAA PAPER 83-2125] p 625 A83-41949
- WINGED VEHICLES**
- Quadratic synthesis of integrated active controls for an aeroelastic forward-swept-wing-aircraft p 47 A83-12458
- In-flight deflection measurement of the HiMAT aeroelastically tailored wing p 189 A83-13167
- WINGLETS**
- CF34 upgrades Challenger capabilities p 434 A83-35315
- Transonic flutter model study of a supercritical wing and winglet p 640 A83-41048
- Wing tip devices for energy conservation and other purposes Experimental and analytical work in progress at the Lockheed-Georgia Company p 659 A83-44358
- The design integration of wingtip devices for light general aviation aircraft [NASA-TM-83252] p 30 A83-10034
- Analysis of nonplanar wing-tip-mounted lifting surfaces on low-speed airplanes [NASA-CR-3684] p 424 A83-25667
- WINGS**
- Subsonic surface panel method for airframe analysis and wing design [AIAA PAPER 83-0341] p 133 A83-16667
- Research on contaminated wings, current issues --- concerning icing conditions and aerodynamic effects [AIAA PAPER 83-0277] p 139 A83-19584
- Primary bonded aircraft wing construction p 186 A83-20493
- Performance-increasing modifications on transonic passenger plane wings [DGLR PAPER 82-031] p 261 A83-24157
- An analytical comparison of two wing structures for Mach 5 cruise airplanes [AIAA 83-0974] p 329 A83-29806
- The stiffness of transport wings for minimum weight p 358 A83-29970
- Calculation of fundamental aerodynamic derivatives of aircraft II p 373 A83-30516
- Generalization of the results of calculations of the stressed state of structures with cutouts --- such as wing and fuselage combinations p 556 A83-37268
- Design of an aerobatic aircraft wing using advanced composite materials [SAE PAPER 821346] p 517 A83-37955
- Flight at supersonic attitudes [SAE PAPER 821469] p 544 A83-38000
- Secondary loading of I-spar caps due to shear deformation of the web p 559 A83-39991
- Design, manufacture and test of graphite composite wing box test structure p 525 A83-40291
- Computational aerodynamics applications to transport aircraft design [AIAA PAPER 83-2061] p 578 A83-41902
- Wing modification for increased spin resistance [SAE PAPER 830720] p 627 A83-43327
- Advanced technology wing structure [SAWE PAPER 1487] p 644 A83-43754
- The application of shot peen forming technology to commercial aircraft wing skins [SAE PAPER 821456] p 657 A83-45875
- Light aircraft wing structure optimization [AIAA PAPER 83-2446] p 727 A83-48332
- Numerical calculation of lift, moment coefficient and dynamic stability derivative on sideslipping wings in unsteady supersonic flows p 9 A83-10005
- Procedure for application of boron-fibre reinforced plastic patch to the Mirage lower wing skin fuel decant region [AD-A119545] p 177 A83-14173
- Wind tunnel evaluation of air-foil performance using simulated ice shapes [NASA-CR-167960] p 138 A83-15265

## Y

- Design considerations for the construction of a Sheriff wing in composite materials [BU-280] p 206 N83-16337
- Computation of the flow around wings with rear separation [DFVLR-FB-82-22] p 195 N83-17517
- Program for establishing long-time flight service performance of composite materials in the center wing structure of C-130 aircraft. Phase 5 Flight service and inspection [NASA-CR-165770] p 227 N83-17600
- A study of aerodynamic characteristics of wing-body combinations. Part 1 Case of a mid-wing airplane [NAL-TR-729-PT-1] p 245 N83-18675
- Modern fighter aircraft design for high-angle-of-attack maneuvering p 245 N83-18687
- Aeroelastic problems of wings in transonic flow p 314 N83-20904
- Recent Transonic Flutter Investigation for Wings and External Stores [AD-A128162] p 345 N83-22215
- Calculation of wing response to gusts and blast waves with vortex lift effect [NASA-CR-170340] p 408 N83-24796
- Design and fabrication of realistic adhesively bonded joints [NASA-CR-166099] p 408 N83-24876
- Theoretical determination of the lift of a simulated ejector wing [AD-A124695] p 425 N83-25670
- Force and pressure measurements on a research model with a low-, mid- and T-tail at Mach numbers of 0.60 to 0.90 Volume 2 Tabulated data [AD-A124068] p 425 N83-25676
- Analysis of progressive collapse of complex structures [AD-A125266] p 478 N83-27260
- Wing-alone aerodynamic characteristics to high angles of attack at subsonic and transonic speeds [AD-A125764] p 504 N83-27963
- Laminar boundary layers in the vicinity of the attachment line on wings and winglike bodies at incidence --- in three dimensions [ESA-TT-752] p 505 N83-27966
- Effects of flow separation and cove leakage on pressure and heat-transfer distributions along a wing-cove-elevon configuration at Mach 6.9 --- Langley 8-ft high temperature tunnel test [NASA-TP-2127] p 561 N83-28378
- Piezoelectric deicing device [NASA-CASE-LEW-13773-1] p 528 N83-29197
- Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison of the wing pressure distribution and local wake survey from analytical, wind tunnel and flight results p 603 N83-30362
- Contribution to the aerodynamic study of wings and propellers [NASA-TM-77083] p 584 N83-31579
- New considerations on scale extrapolation of wing pressure distributions affected by transonic shock-induced separations [NASA-CR-166426] p 608 N83-31597
- Effect of trailing-edge flaps on rolling moment derivative due to sideslip, (L sub V) sub F [ESDU-80034] p 663 N83-32752
- Aircraft forces due to interference between a jet efflux and a slotted flap --- jet impingement on wings for lift augmentation [ESDU-82034] p 664 N83-32768
- A fundamental approach to the sticking of insect residues to aircraft wings [NASA-CR-173063] p 679 N83-33875
- Combined direct/inverse three-dimensional transonic wing design [AD-A129573] p 718 N83-36006
- Comparison of advanced turboprop and turbofan airplanes [NASA-TM-85692] p 733 N83-36022
- A model for nocturnal frost formation on a wing section Aircraft takeoff performance penalties [NASA-CR-3733] p 768 N83-36598
- WIRE**
- Impact damping and airplane towing p 428 N83-33625
- Flight tests of tow wire forces while flying a racetrack pattern p 439 N83-36919
- Slack wire strike protection concepts [AD-A118827] p 184 N83-12056
- Verification testing of a UH-1 Wire Strike Protection System (WSPS) [AD-A122220] p 250 N83-19725
- Cable avoidance study [AD-A122917] p 380 N83-23284
- Verification testing of an AH-1S Wire Strike Protection System (WSPS) [AD-A123188] p 429 N83-25684

- Lightning tests on the WC-130 research aircraft [AD-A129141] p 722 N83-36014
- WIRE CLOTH**
- Optimum wire screens for control of turbulence in wind tunnels p 417 N83-33772
- Metal honeycomb to porous wireform substrate diffusion bond evaluation p 559 N83-39620
- WORK CAPACITY**
- Time scheduling of a mix of 4D equipped and unequipped aircraft [NASA-TM-84327] p 250 N83-19721
- WORKING FLUIDS**
- Determination of the region of efficient use for microturbines with working medium recirculation p 273 N83-23440
- Aviation filters for fuels, oils, hydraulic fluids, and air --- Russian book p 327 N83-28813
- A criterion approach to estimating the accumulation of the working medium mass and energy in the gas-air circuit of gas-turbine engines when analyzing transient regimes p 613 N83-42126
- A study of the characteristics of short hydrodynamic dampers of aircraft engine motors with allowance for turbulization of the working fluid in the damper clearance p 613 N83-42129
- Heavy gas mixtures for wind tunnel use p 630 N83-42623
- WORKLOADS (PSYCHOPHYSIOLOGY)**
- Pilot fatigue - A deadly cover-up --- Book p 248 N83-24901
- Advanced helicopter avionics p 590 N83-41531
- A ground control system for UMA --- unmanned aircraft p 592 N83-43713
- Minimizing pilot work load in an advanced development, low-cost Omega/VLF/RNAV system p 671 N83-46954
- Comparative evaluation of twenty pilot workload assessment measure using a psychomotor task in a moving base aircraft simulator [NASA-CR-166457] p 249 N83-18702
- Simulation fidelity and numerosity effects in CDTI experimentation [NASA-CR-166459] p 358 N83-21209
- Management and planning concepts p 326 N83-22185
- Dynamic control of inbound flights for minimum cost operation p 326 N83-22186
- Longitudinal flying qualities criteria for single pilot instrument flight operations p 545 N83-27997
- Longitudinal flying qualities criteria for single-pilot instrument flight operations [NASA-CR-166084] p 606 N83-30407

## X

- X RAY ASTRONOMY**
- A hard X-ray experiment for long-duration balloon flights p 530 N83-39822
- X RAY IMAGERY**
- X-ray tomography applied to NDE of ceramics [ASME PAPER 83-GT-206] p 762 N83-48007
- X RAY INSPECTION**
- Aircraft inspection using radiography p 185 N83-20478
- X RAY TELESCOPES**
- Guidance and control of a balloon-borne X-ray telescope with onboard and ground based computers p 530 N83-39823
- X WING ROTORS**
- X-wing noise data acquisition program [NASA-CR-166454] p 266 N83-18717
- Acoustic measurements of the X-wing rotor [NASA-TM-84292] p 571 N83-28985
- X-wing 25 foot diameter Lockheed model whirl test report [AD-A128959] p 679 N83-33880
- X-22A AIRCRAFT**
- Indoctrination of Navy test pilots to vectored thrust flight in the X-22A in-flight simulator [AIAA PAPER 83-1076] p 436 N83-36205
- XV-15 AIRCRAFT**
- In-flight structural dynamic characteristics of the XV-15 tilt-rotor research aircraft p 29 N83-10191
- Dynamic structural aeroelastic stability testing of the XV-15 tilt rotor research aircraft [NASA-TM-84293] p 216 N83-16349
- The tilt rotor research aircraft (XV-15) program p 268 N83-20833
- A preliminary assessment of helicopter/VSTOL handling qualities specifications [AD-A124667] p 481 N83-25716
- Dynamic structural aeroelastic stability testing of the XV-15 tilt rotor research aircraft p 628 N83-30376

## YAG LASERS

- Neodymium YAG laser in airborne systems p 609 N83-42835

## YAK 40 AIRCRAFT

- Electrical, avionics, and sensor equipment of the Yak-40 aircraft / 2nd revised and enlarged edition/ --- Russian book p 208 N83-20390

## YAW

- The extended Kalman filter and its use in estimating aerodynamic derivatives p 340 N83-28183
- A static investigation of yaw vectoring concepts on two-dimensional convergent-divergent nozzles [AIAA PAPER 83-1288] p 421 N83-36324
- Terminal area automatic navigation, guidance and control research using the Microwave Landing System (MLS) Part 5 Design and development of a Digital Integrated Automatic Landing System (DIALS) for steep final approach using modern control techniques [NASA-CR-3681] p 345 N83-22213
- Computer control and activation of six-degree-of-freedom simulator [AD-A126126] p 549 N83-28010
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of yaw, (Y sub r)sub F, (N sub r)sub F, (L sub r)sub F [ESDU-82017] p 664 N83-32764

## YAWING MOMENTS

- Helicopter fin effectiveness [BU-271] p 206 N83-16336
- Some experiments on Yaw stability of wind turbines with various coning angles [NASA-CR-168108] p 362 N83-22740
- Development of methodology for horizontal axis wind turbine dynamic analysis [NASA-CR-168110] p 362 N83-22747
- Effect of trailing-edge flaps on sideforce and yawing moment derivatives due to sideslip, (Y sub v) sub f and (N sub v) sub f Amendment A [ESDU-81013-AMEND-A] p 663 N83-32755
- Contribution of wing planform to derivatives of yawing moment and sideforce due to roll rate at subsonic speeds (N sub p)sub w and (Y sub p)sub w [ESDU-81014] p 663 N83-32756
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to sideslip, (Y sub v) sub f, (N sub v) sub f, (L sub v) sub f, in the presence of body, wing and tailplane [ESDU-82010] p 664 N83-32763
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of yaw, (Y sub r)sub F, (N sub r)sub F, (L sub r)sub F [ESDU-82017] p 664 N83-32764
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of roll, (Y sub p) sub F, (N sub p) sub F, (L sub p) sub F, in the presence of body, wing and tailplane [ESDU-83008] p 665 N83-32770
- YC-14 AIRCRAFT**
- Prediction of jet exhaust noise on airframe surfaces during low-speed flight p 198 N83-13160
- YF-12 AIRCRAFT**
- An analytical comparison of two wing structures for Mach 5 cruise airplanes [AIAA 83-0974] p 329 N83-29806
- YIELD POINT**
- Damage tolerance and reparability of advanced composite structures p 222 N83-20484
- Fatigue threshold and short crack significance for aircraft [NLR-MP-82007-U] p 234 N83-17902
- YIELD STRENGTH**
- Evaluation of low-cost aluminum composites for aircraft engine structural applications [NASA-TM-83357] p 470 N83-25790

## Z

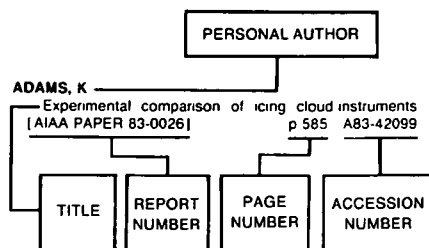
## ZERO ANGLE OF ATTACK

- Drag of axisymmetric cowl at zero incidence for subsonic Mach numbers [ESDU-81024] p 664 N83-32760



1983 Cumulative Index

### Typical Personal Author Index Listing



Listings in this index are arranged alphabetically by personal author. The title of the document provides the user with a brief description of the subject matter. The report number helps to indicate the type of document listed (e.g., NASA report, translation, NASA contractor report). The page and accession numbers are located beneath and to the right of the title. Under any one author's name the accession numbers are arranged in sequence with the AIAA accession numbers appearing first.

## A

- ABBASY, I**  
Determination of aerodynamic parameters of a fighter airplane from flight data at high angles of attack [AIAA PAPER 83-2066] p 623 A83-41904  
Determination of stability and control parameters of a general aviation airplane from flight data [NASA-TM-84635] p 461 N83-26844
- ABBINK, F J**  
Flight test instrumentation for airline digital avionics [NLR-MP-81017-U] p 198 N83-13096  
Computers in avionics systems [NLR-MP-81063-U] p 236 N83-18291
- ABBOTT, J P**  
Self-adaptive filters for the integration of navigation data p 268 A83-23374
- ABBOTT, L**  
Implementation of the DAST ARW II control laws using an 8086 microprocessor and an 8087 floating-point coprocessor p 71 A83-11910
- ABBOTT, T S**  
Flight assessment of a data-link-based navigation-guidance concept [NASA-TM-84493] p 319 N83-22168
- ABBOTT, W Y**  
Helicopter simulation validation using flight data [NASA-TM-84291] p 204 N83-13112  
Validation flight test of UH-60A for Rotorcraft Systems Integration Simulator (RSIS) [AD-A125428] p 529 N83-29201  
Helicopter simulation validation using flight data p 631 N83-30372
- ABD-ELKHALEK, F A-E**  
Turbulent boundary layer associated with periodic rotating wakes p 376 A83-33373
- ABDALLA, A M**  
Real-time infrared image processing p 37 A83-11459
- ABDELMALIK, F I**  
The transient performance of turbojet engines and axial compressors p 447 A83-35847
- ABDUL AZIZ, M M**  
Mixing and fuel atomisation effects on premixed combustion performance [ASME PAPER 83-GT-55] p 738 A83-47911

- ABE, T**  
Variation of rotor blade vibration due to interaction of inlet and outlet distortion p 450 A83-35882
- ABELT, I**  
Design of the flutter suppression system for DAST ARW-1R - A status report [AIAA 83-0990] p 330 A83-29868
- ABIBOV, A L**  
Aircraft production technology (2nd revised and enlarged edition) p 415 A83-36443
- ABLA, M H**  
Determination of horizontal tail load and hinge moment characteristics from flight data p 383 A83-30162
- ABRACZINSKAS, R**  
Testing of voice control device for aircraft avionics applications p 19 A83-11122
- ABRAO, R B**  
Supersonic nozzle design for a low density wind tunnel [INPE-2753-PRE/329] p 631 N83-30437
- ABUID, B A**  
An investigation into the effect of coolant flow on the vibration characteristics of hollow blades conveying fluid [ASME PAPER 83-GT-217] p 762 A83-48017
- ACE, R E**  
Instrument approach aids for helicopters [FAA-RD-82-6] p 187 N83-12061  
Application of the microwave landing system to helicopter operations [FAA-RD-82-40] p 187 N83-12068
- ACHTEMEIER, G L**  
Short range prediction of mesoscale windfields p 409 A83-30567
- ACTON, J**  
LAMPS MK III acoustic target tracker p 609 A83-41533
- ACURIO, J**  
Engine technology for the next decade p 41 A83-12098
- ADAM, C F**  
Climatic laboratory survey Hughes YAH-64 helicopter [AD-A124670] p 440 N83-25698
- ADAM, P**  
The construction and testing of pilot installations for making diffusion connections and for depositing layers on high-alloy engine components p 760 A83-47206
- ADAM, P W**  
NASA low speed centrifugal compressor for fundamental research [AIAA PAPER 83-1351] p 464 A83-36353  
NASA low-speed centrifugal compressor for fundamental research [NASA-TM-83398] p 424 N83-25662
- ADAM, R**  
Application of an analytical method to the elaboration of a maintenance program for a new aircraft p 242 N83-20227
- ADAM, V**  
Investigations on four-dimensional guidance in the TMA p 326 N83-22187
- ADAMENKO, A IA**  
A study of the damping capacity of rods in a centrifugal force field p 695 A83-45322
- ADAMS, C G**  
An AN/APN-194/V/ radar altimeter/MIL-STD-1553 interface circuit p 35 A83-11186
- ADAMS, J J**  
Simulator study of a flight director display [NASA-TM-84581] p 271 N83-19748
- ADAMS, K**  
Experimental comparison of icing cloud instruments [AIAA PAPER 83-0026] p 585 A83-42099
- ADAMS, K J**  
The Air Force Flight Test Center Palletized Airborne Water Spray System [AIAA PAPER 83-0030] p 148 A83-16472
- ADAMS, M B**  
Operational and control display concepts for flight management systems in new generation transport aircraft [AIAA PAPER 83-2489] p 735 A83-48348

- ADAMS, M L**  
A note on rotor-bearing stability p 298 A83-23706
- ADAMS, M S**  
Interactive input for the QUICK geometry system User's manual [NASA-TM-81933] p 582 N83-30388
- ADAMS, P T**  
Full Authority Fault Tolerant Electronic Engine Control systems for advanced high performance engines (FAFTEEC) [SAE PAPER 821398] p 532 A83-37972
- ADAMS, R J**  
Helicopter technology benefits and needs Volume 1 Summary [NASA-CR-166469-VOL-1] p 368 N83-23240  
Helicopter technology benefits and needs Volume 2 Appendices [NASA-CR-166470-VOL-2] p 369 N83-23241
- ADAMSON, T C, JR**  
Flow problems in turbomachines [AD-A128675] p 749 N83-36032
- ADCOCK, J B**  
Combined four-wall interference assessment in two-dimensional airfoil tests p 689 A83-45576
- ADDISON, E R**  
A technique to empirically model clutter signals in airborne pulse Doppler radar p 23 A83-11251
- ADDISON, R C**  
An enhancement for the ultrasonic test bed to inspect engine disk bolt holes p 214 A83-15160
- ADEL, W H**  
Type A V/STOL - One aircraft for all support missions? p 386 A83-32580
- ADKINS, C N**  
Design of optimum propellers [AIAA PAPER 83-0190] p 132 A83-16578
- ADKINS, R C**  
A configuration to improve the aerodynamics and scope of can-annular combustors [ASME PAPER 83-GT-37] p 737 A83-47898  
A simple method for designing optimum annular diffusers [ASME PAPER 83-GT-42] p 737 A83-47902  
A compact diffuser system for annular combustors [ASME PAPER 83-GT-43] p 738 A83-47903  
A preliminary study of annular diffusers with constant diameter outer walls (suitable for turbine exits) [ASME PAPER 83-GT-218] p 744 A83-48018
- ADKINS, R P**  
Data base considerations for a tactical environment simulation [AIAA PAPER 83-1099] p 463 A83-36219
- AFROSIMOVA, V N**  
An experimental study of an annular film-evaporation combustion chamber in a low-power gas turbine engine p 273 A83-23443
- AGARWAL, R K**  
Transonic wing-body calculations using Euler equations [AIAA PAPER 83-0501] p 135 A83-16828
- AGGARWAL, H R**  
Derivation of the fundamental equation of sound generated by moving aerodynamic surfaces p 482 A83-36096
- AGGARWAL, K C**  
Analysis of bonded repairs to damaged fibre composite structures p 209 A83-13200
- AGGARWAL, R K**  
Multiscenario imaging sensor autoprocessor p 22 A83-11224
- AGRAWAL, S K**  
Braking of an aircraft tire on grooved and porous asphaltic concrete [FAA-CT-82-147] p 360 N83-22593
- AGRELL, J**  
An experimental investigation of the influence from controls on supersonic axisymmetric flow over afterbodies with a centered propulsive jet [FFA-TN-1982 50] p 377 N83-23280

**AHMAD, I**

Design and analysis of a subcritical airfoil for high altitude, long endurance missions  
[AD-A124757] p 441 N83-25702

**AHMAD, N T**

Emissions from enclosed swirl stabilised premixed flames  
[ASME PAPER 83-GT-192] p 742 A83-47998

**AHMADI, A. R**

Energetics and optimum motion of oscillating lifting surfaces  
[AIAA PAPER 83-1710] p 492 A83-37204

**AHUJA, K K**

Noise and flow structure of a tone-excited jet p 221 A83-13136  
Generation of desired signals from acoustic drivers p 199 A83-15068  
Tone-excited jet Theory and experiments  
[NASA-CR-3538] p 222 N83-12968

**AIDALA, P V**

Smart aerodynamic optimization  
[AIAA PAPER 83-1863] p 501 A83-38690

**AIELLO, R A**

Large displacements and stability analysis of nonlinear propeller structures p 218 N83-12460

**AIKEN, E W**

A piloted simulator investigation of side-stick controller/stability and control augmentation system requirements for helicopter visual flight tasks  
[NASA-CR-172852] p 754 N83-36041

**AKHMEDZIANOV, A M**

Evaluation of the technical state of aircraft gas-turbine engines from thermodynamic parameters with allowance for the natural scatter of state parameters p 272 A83-23430  
Diagnostics of the conditions of gas-turbine engines using models reflecting the dynamics of changes in the controlled parameters p 614 A83-42133

**AKHTER, M M**

Sensor failure detection for jet engines  
[NASA-CR-168190] p 699 N83-33182

**AKIMOV, V M**

Current problems in the testing of aircraft engines p 211 A83-22652

**AKIN, L S.**

Experimental and analytical determination of gear tooth temperatures with oil jet lubrication p 185 N83-15530

**AKIYAMA, H**

Relay balloon p 524 A83-39811  
A new static-launch method for plastic balloons p 548 A83-39816

**AKSELROD, S E**

A critical approach to estimating the accumulation of the working medium mass and energy in the gas-air circuit of gas-turbine engines when analyzing transient regimes p 613 A83-42126

**AKSENOV, O M**

A superelement analysis of stiffened shells p 202 A83-20392

**AL-ANI, S K J**

Heavy gas mixtures for wind tunnel use p 630 A83-42623

**AL-DABBAGH, N A**

Mixing and fuel atomisation effects on premixed combustion performance  
[ASME PAPER 83-GT-55] p 738 A83-47911

**AL-JUMAILY, A M**

An investigation into the effect of coolant flow on the vibration characteristics of hollow blades conveying fluid  
[ASME PAPER 83-GT-217] p 762 A83-48017

**AL-KHATIB, H H**

Laser and millimeter-wave backscatter of transmission cables p 199 A83-22523

**ALBE, F**

Pulsed holographic nondestructive testing on aircraft p 695 A83-44828

**ALBERS, G**

Advanced display techniques for training the multi-member tactical air crew  
[AIAA PAPER 83-1079] p 443 A83-36207

**ALBERSHEIM, S R**

Helicopter noise survey at selected New York City heliports  
[AD-A129167] p 770 N83-36849

**ALBRIGHT, A. E**

A method of predicting flow rates required to achieve anti-icing performance with a porous leading edge ice protection system  
[NASA-CR-168213] p 668 N83-32782

**ALBUL, A. V**

Distribution of the load-carrying material in a minimum-weight wing in the case of constraints on strength and load-carrying capacity p 556 A83-37513

**ALCHOWIAK, E G**

First stage propulsion for the maximum performance ejection system p 190 A83-15421

**ALCORN, J**

Radio Technical Commission for Aeronautics, Technical Symposium and Annual Assembly Meeting, Washington, DC, November 18-20, 1981, Proceedings p 127 A83-17301

**ALEKSANDROV, V V**

An algorithm of flight simulation on a dynamic stand of support type p 462 A83-34429

**ALEKSEEV, V V**

Selection of the optimal output parameters for the starting device of a double-shaft turbofan engine p 273 A83-23442

**ALEXANDER, M B**

Wakes from arrays of buildings p 558 A83-38766  
Significant events in low-level flow conditions hazardous to aircraft  
[NASA-TM-82522] p 410 N83-25268  
Low-level flow conditions hazardous to aircraft p 767 N83-36595

**ALFARO-BOU, E**

Crash tests of three identical low-wing single-engine airplane  
[NASA-TP-2190] p 720 N83-34921

**ALFEROV, V I**

On the simulation of the hypervelocity regime of flow past bodies in wind tunnels p 312 A83-27714

**ALFORD, R L**

Optimization of variable-altitude flyback maneuvers  
[AIAA PAPER 83-0282] p 149 A83-16627

**ALFORD, W J, JR**

Flight at supersonic altitudes  
[SAE PAPER 821469] p 544 A83-38000

**ALIAGA, M D**

Construction of a natural environment aging machine with independent energy supply, for load cycles on aircraft structures  
[SNIAS-831-551-101] p 765 N83-35426

**ALIMOV, A L**

Optimal processing of the correction data of an aircraft fuel-measurement system p 159 A83-19177

**ALJABRI, A S**

Aerodynamic design of propfan powered transports  
[AIAA PAPER 83-1213] p 437 A83-36285

**ALKEZWEENY, A J**

Composite design of an advanced airborne monitoring system  
[DE82-006980] p 235 N83-18106

**ALLAIRE, P E**

Vibration limiting of rotors by feedback control p 187 N83-15656

**ALLAN, J, III**

Instrumental problems in small gas turbine engines  
[AIAA PAPER 83 1293] p 444 A83-36327

**ALLEN, D**

A ground control system for UMA p 592 A83-43713

**ALLEN, D V**

Emergency power for the F-16 aircraft  
[ASME PAPER 83-GT-189] p 742 A83-47995

**ALLEN, J H**

Helmet mounted feasibility model  
[AD-A128150] p 736 N83-34940

**ALLEN, K W**

Cold-setting adhesives for repair purposes using various surface preparation methods p 210 A83-15874

**ALLEN, M G**

AFTI/F-16 aeroservoelastic analyses and ground test with a digital flight control system  
[AIAA 83-0994] p 341 A83-29888

**ALLEN, P D**

Algorithm development for infra-red air-to-air guidance systems - How to separate the wheat from the chaff A simple approach to target detection p 321 A83-28178

**ALLEN, R M**

Acoustic wave propagation through the shear layer of the DNW large open jet wind tunnel  
[AIAA PAPER 83-0699] p 306 A83-25919

**ALLEN, R R**

Hydromechanical dynamics of aircraft landing gear p 153 A83-18925

**ALLEN, T D**

Evaluation of advanced airplane fire extinguishants  
[AIAA PAPER 83-1141] p 508 A83-38076

**ALLES, W**

A contribution to the investigation of the dynamic behavior of a controlled aircraft under wind shear conditions  
[TUBS/FB-80-07-01] p 205 N83-13118

**ALLEY, W R, JR**

A Monte Carlo simulation of the engine development process  
[AIAA PAPER 83-1230] p 452 A83-36294

Technology and engine demonstrator programs  
[AIAA PAPER 83-1064] p 457 A83-36464

**ALLIER, N**

Evaluation of lubricants for air compressors  
[PB82-259003] p 226 N83-16538

**ALLIOT, J C**

Theoretical and experimental studies of the electromagnetic coupling mechanisms between aircraft and consecutive lightning strikes, both direct and nearby  
[ONERA, TP NO 1983-44] p 667 A83 44318

**ALLISON, D M**

Gas turbine engine cascade wind tunnel with automatic data acquisition and control p 630 A83-42563  
Design and evaluation of cascade test facility  
[AD-A125622] p 549 N83-28009

**ALLISON, D O**

Comparison of experimental and theoretical drag characteristics for a 10-percent-thick supercritical airfoil using a new version of an analysis code  
[NASA-TM-X-74041] p 13 N83-11080  
Low-speed aerodynamic characteristics of a 14-percent-thick NASA phase 2 supercritical airfoil designed for a lift coefficient of 0.7  
[NASA-TM-81912] p 317 N83-22167

**ALMASSY, R J**

Experimental analysis of the performance of an annular peripheral jet vehicle in ground effect  
[AD-A124949] p 443 N83-26832

**ALPERT, R L**

Computer modeling of aircraft cabin fire phenomena  
[PB83-119891] p 319 N83-22174

**ALTMAN, R**

727, B-52 retrofit with PW2037 meeting today's requirements  
[SAE PAPER 821443] p 518 A83-37991

**ALTMAN, R L**

Fire extinguishant materials  
[NASA-CASE-ARC-11252-1] p 759 N83-36118

**ALTSCHUL, R E**

Correction and improvement of CARE 3 Version 3  
[NASA-CR-166122] p 705 N83-34591

**ALZIAL, H**

Omega application in the Indonesian region p 431 A83 35599

**AMASON, M P**

The lightning spark barner p 647 N83 31241

**AMATO, A J**

Dynamic modeling of an air cushion vehicle p 486 A83-35054

**AMEND, J B**

The effects of the Production Oriented Maintenance Organization (POMO) concept on ADTAC aircraft maintenance productivity and quality  
[AD-A123981] p 416 N83-25655

**AMJET, R K**

Noise of a model helicopter rotor due to ingestion of isotropic turbulence p 190 A83-18397  
Rotor-vortex interaction noise  
[AIAA PAPER 83-0720] p 367 A83-29950

**AMIN, N F**

Thrust reverser exhaust plume reingestion tests for a STOL fighter model  
[AIAA PAPER 83-1229] p 452 A83 36293  
F/A-18 inlet/engine compatibility flight test results p 594 A83 41039

**AMIN, S P**

Ride quality systems for commuter aircraft  
[NASA-CR 166118] p 397 N83 24512

**AMSTER, A A**

Improved interior emergency lighting study  
[DOT/FAA/CT-83/31] p 721 N83-36010

**AMYOT, J R**

Computer studies of ACV heave performance as a function of vent valve control parameters p 460 A83-34854  
Computer studies of ACV heave dynamics stabilization p 486 A83-35055

**ANASTAS, M S.**

A prototype parallel computer architecture for advanced avionics applications p 70 A83-11153

**ANCONA, W**

Design of dry-friction dampers for turbine blades p 450 A83-35883

**ANDERS, K**

Laser-Doppler velocimeter (LDV) measurements of the velocity field of a leading edge vortex over a delta wing before and after vortex breakdown  
[VKI-TN-142] p 192 N83-16300

**ANDERS, R**

Advanced speech technology in fighter cockpits - A new perspective on issues and applications p 19 A83-11125

**ANDERSON, C F**

The 1981 calibration of the AEDC-PWT aerodynamic wind tunnel (4T) at Mach numbers from 0.1 to 1.3  
[AD-A118704] p 208 N83-12104

**ANDERSON, C L**

Performance tests of two inert gas generator concepts for airplane fuel tank inerting  
[AIAA PAPER 83-1140] p 519 A83-38078

- ANDERSON, N. E.**  
Advances in traction drive technology  
[NASA-TM-83397] p 561 N83-28455
- ANDERSON, O. L.**  
Analytical modeling of operating characteristics of premixing-prevaporizing fuel-air mixing passages  
p 537 N83-29209
- ANDERSON, R. A.**  
Development of aircraft lavatory compartments with improved fire resistance characteristics Phase 4  
Sandwich panel decorative ink development  
[NASA-CR-166432] p 296 N83-18851
- ANDERSON, R. D.**  
Advanced propfan engine characteristics and technology needs  
[AIAA PAPER 83-1155] p 450 A83-36250
- ANDERSON, R. E.**  
Fabrication and heat treatment of a Ni-base superalloy integrally bladed rotor for small gas turbine engine applications  
p 177 A83-19102  
Aircraft engine inlet pressure distortion testing in a ground test facility  
[AIAA PAPER 83-1233] p 453 A83-36296
- ANDERSON, R. K.**  
Application of VAS multispectral imagery to aviation forecasting  
p 408 A83-30561
- ANDERSON, R. V.**  
Electrostatic theory applied to helicopter discharging  
p 587 N83-31210
- ANDERSON, S.**  
Flight simulator display capability significantly advanced  
p 37 A83-12935
- ANDERSON, S. B.**  
An overview of V/STOL aircraft development  
[AIAA PAPER 83-2491] p 731 A83-49584  
The influence of handling qualities, crashworthiness and other engineering factors on aircraft safety  
p 198 N83-17493  
The engineering investigation of aircraft accidents  
p 198 N83-17497  
Pilot human factors in stall/spin accidents of supersonic fighter aircraft  
[NASA-TM-84348] p 462 N83-26846
- ANDERSON, W. E.**  
Axisymmetric nose inlet effects on supersonic airloads  
p 503 A83-40008
- ANDERSON, W. K.**  
Combined direct/inverse three-dimensional transonic wing design  
[AD-A129573] p 718 N83-36006
- ANDO, S.**  
The use of an error index to improve numerical solutions for unsteady lifting airfoils  
p 178 A83-15281  
Improved numerical method for unsteady lifting surfaces in incompressible flow  
p 422 A83-36917
- ANDO, Y.**  
The estimation method on flutter boundary from subcritical random responses due to air turbulence  
Problems of test procedures and data analysis  
[NAL-TR-718] p 217 N83-17554
- ANDRADA, T.**  
Thermal infrared pushbroom imagery acquisition and processing  
p 209 A83-22841
- ANDREAS, R. D.**  
Nonlinear Kalman filtering techniques for terrain-aided navigation  
p 257 A83-26263
- ANDREWS, G. E.**  
Mixing and fuel atomisation effects on premixed combustion performance  
[ASME PAPER 83-GT-55] p 738 A83-47911  
Emissions from enclosed swirl stabilised premixed flames  
[ASME PAPER 83-GT-192] p 742 A83-47998
- ANDREWS, J. W.**  
An improved technique for altitude tracking of aircraft  
[AD-A118899] p 188 N83-13090  
Utility of traffic advisory information  
p 146 N83-14093
- ANDRISANI, D. II**  
Hovening limit cycles - A man-in-the-loop approach  
[AIAA PAPER 83-2232] p 621 A83-41710
- ANGELINI, J. J.**  
Comparison of computed and measured unsteady pressure fields of a supercritical wing  
p 314 N83-20903
- ANGRAND, F.**  
Transonic Euler simulations by means of finite element explicit schemes  
[AIAA PAPER 83-1924] p 503 A83-39378
- ANIKIN, V. A.**  
The vortex theory of rotors  
p 178 A83-15095
- ANNUSHKIN, I. U. M.**  
The ideas of F. A. Tsander and an assessment of the application of jet engines for the acceleration of aerospace vehicles  
p 221 A83-22657
- ANODINA, T. G.**  
Air traffic control for tomorrow - Problems and solutions  
p 252 A83-23494
- ANSELL, G. S.**  
Composite structural materials  
[NASA-CR 169859] p 226 N83-17597
- ANSTEE, R. F. W.**  
An assessment of the importance of small crack growth to aircraft design  
p 680 N83-34098
- ANTANI, D. L.**  
On the transonic aerodynamic characteristics of 10 percent thick airfoils with a plain flap  
[AIAA PAPER 83-0091] p 130 A83-16515
- ANTOINE, A. C.**  
Fuels research studies at NASA Lewis  
[NASA-TM-83003] p 297 N83-19921
- ANTOLOVICH, S. D.**  
Metallurgical instabilities during the high temperature low cycle fatigue of nickel-base superalloys  
p 224 A83-22019  
The effect of microstructure on the fatigue behavior of Ni base superalloys  
p 469 A83-36166
- ANTON, E.**  
Active control of parameter-excited rotor systems  
p 642 A83-42982
- ANTONENKO, A. I.**  
The motion dynamics of parachute systems  
p 422 A83-36450
- AOKI, R. M.**  
Effect of defect on the behaviour of composites  
p 551 A83-40215
- AOKI, T.**  
A survey of the three-dimensional high Reynolds number transonic wind tunnel  
[NASA-TM-76931] p 400 N83-23324
- AOYAGI, K.**  
Surface pressures induced on a flat plate with in-line and side-by-side dual jet configurations  
[AIAA PAPER 83-1849] p 500 A83-38677
- APARINOV, V. A.**  
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p 178 A83-15096
- APLIN, J.**  
Digital simulation and control of the Machan UMA  
p 593 A83-43718
- APOLLONOV, V. L.**  
Methods for calculating the stabilization limits of a flame of inhomogeneous mixtures using a bluff body  
p 41 A83-11512
- APPRIOU, A.**  
An auxiliary passive microwave navigation system  
[ONERA, TP NO 1982-83] p 185 A83-14535
- ARAI, I.**  
Flat spin of slender bodies at high angles of attack  
p 286 A83-24879
- ARBET, H.**  
Noise generated by airfoil profiles placed in a uniform laminar flow  
p 769 A83-49463
- ARBuckle, P. D.**  
Parametric study of critical constraints for a canard configured medium range transport using conceptual design optimization  
[AIAA PAPER 83-2141] p 598 A83-41963  
OPDOT - A computer program for the optimum preliminary design of a transport airplane  
[NASA-TM-81857] p 32 N83-11114
- ARCHAMBAUD, J. P.**  
Use of adaptive walls in 2D tests  
p 349 N83-20970
- ARCHINAL, B.**  
Geodesy and the global positioning system  
p 671 A83-46338
- ARCIDIACONO, P. J.**  
Review of rotor loads prediction methods  
p 194 N83-17484
- ARDEMA, M. D.**  
Interception in three dimensions - An energy formulation  
[AIAA PAPER 83-2121] p 597 A83-41946  
Separation of time scales in aircraft trajectory optimization  
[AIAA PAPER 83-2136] p 597 A83-41958  
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[NASA-TM-84311] p 288 N83-18745
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[AD-A128248] p 577 N83-31571
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p 590 A83-41226
- ARGO, H.**  
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[DE83-003888] p 410 N83-25232
- ARJUNAN, M.**  
An analysis of reports of operational errors  
[AD-A123416] p 383 N83-24499
- ARKHIPOV, A. I.**  
Results of an experimental study of the thermal state of blades in turbines with partial root cooling  
p 614 A83-42138
- ARLOWE, H. D.**  
Sandia Helicopter Acoustic Detector (SHAD)  
[DE82-018925] p 483 N83-27803
- ARMAN, S.**  
Treatment of late time instabilities in finite-difference EMP scattering codes  
p 180 A83-17532
- ARMEN, H., JR.**  
The application of nonlinear analysis techniques to practical structural design problems  
p 65 A83-12765
- ARMSTRONG, F. E.**  
From new technology development to operational usefulness B-36, B-58, F-111/FB-111  
[AIAA PAPER 83-1046] p 415 A83-36459
- ARMSTRONG, K. B.**  
Cold-setting adhesives for repair purposes using various surface preparation methods  
p 210 A83-15874  
The design of bonded structure repairs  
p 297 A83-23329
- ARMSTRONG, T.**  
Some thoughts on the development of computer-based systems  
p 37 A83-11807
- ARNAUD, J.-L.**  
Pulsed holographic nondestructive testing on aircraft  
p 695 A83-44828
- ARNOLD, R. E. A.**  
Coherent structure and jet noise  
p 190 N83-14513
- ARNOLD, D. B.**  
Service history of phosphoric acid anodized aluminum structure  
p 185 A83-20479
- ARNOLD, D. H.**  
A versatile thermal imager for RPV applications  
p 610 A83-43720
- ARNOLD, J. W.**  
Integrated CNI - A new testing challenge  
p 18 A83-11095
- ARNON, N.**  
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- ARONNE, A. J.**  
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p 384 A83-31587
- ARONSON, M.**  
Optimum configuration for a 10-passenger business turbofan jet airplane  
p 675 A83-43967
- ARORA, J. S.**  
Fail-safe optimal design of complex structures with substructures  
p 212 A83-13490  
Design Optimization Codes for Structures - DOCS computer program  
p 694 A83-43974
- ARROW, A.**  
Status and concerns for preferred orientation control of high performance anti-air tactical missiles  
[AIAA PAPER 83-2198] p 620 A83-41683  
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[NASA-CR-3644] p 180 N83-13072
- ARSENEV, L. V.**  
Hydraulics of a channel with a linear jet array  
p 298 A83-24049
- ARTEMENKOV, V. S.**  
Optimal complexing of measuring instruments in short-range navigation systems  
p 17 A83-10803
- ARTMAN, D. H., JR.**  
Optimization of long range major rehabilitation of airfield pavements  
[AD-A127579] p 632 N83-31613
- ARUNKUMAR, B. K.**  
Inherent spiral stability in a fixed wing aircraft by means of a simplified pneumatic wing tip control system  
[NASA-CR-170207] p 344 N83-22206
- ARYEH, F.**  
Two and three dimensional systems for computer aided geometric design of aircraft surface and components  
[PB83-187344] p 698 N83-33001
- ASCHENBECK, L. B.**  
The recipe for re-engineing jet transports  
[SAE PAPER 821441] p 518 A83-37989

- ASCHMANN, S. M.**  
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[AD-A125035] p 471 N83-27035
- ASH, C. F.**  
The impact of computers on the test cell of tomorrow  
[ASME PAPER 83-GT-187] p 742 A83-47993
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p 189 A83-21024
- ASHFORD, R. L.**  
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[AIAA PAPER 83-1617] p 437 A83-36406  
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[AIAA PAPER 83-1998] p 522 A83-38919
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p 347 N83-20958
- ASHKENAS, I. L.**  
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[NASA-CR-166471-VOL-1] p 344 N83-22207  
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[NASA-CR-166471-VOL-2] p 344 N83-22208  
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[NASA-CR-166471-VOL-5] p 344 N83-22211  
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[AD-A123674] p 373 N83-24468  
Proposed MIL standard and handbook. Flying qualities of air vehicles. Volume 2. Proposed MIL handbook  
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- ASHMOLE, P. J.**  
Introducing the Rolls-Royce Tay  
[AIAA PAPER 83-1377] p 456 A83-36368
- ASHMORE, A. S.**  
Certification of digital systems for civil aircraft  
p 671 A83-45848
- ASHURST, T. A.**  
Development of handling qualities testing in the 70's. A new direction  
p 51 N83-10077
- ASHWORTH, B. R.**  
Comparison of simulator fidelity model predictions with in-simulator evaluation data  
[NASA-TP-2106] p 266 N83-18715
- ASSEO, S. J.**  
Estimation of helicopter and target motion for the advanced attack helicopter fire control system  
p 143 A83-18378
- ATENCIO, A.**  
The influence of inlet design on the aeroacoustic performance of a JT15D turbofan engine as measured in the NASA-Ames 40 x 80 foot wind tunnel  
[AIAA PAPER 83-0681] p 337 A83-28006
- ATHEY, R. L.**  
Fabrication and heat treatment of a Ni-base superalloy integrally bladed rotor for small gas turbine engine applications  
p 177 A83-19102
- ATIAS, M.**  
Motion of aircraft trailing vortices near the ground  
[AIAA PAPER 83-2130] p 579 A83-41953
- ATKINSON, R.**  
High altitude jet fuel photochemistry  
[AD-A125035] p 471 N83-27035
- ATKINSON, W. H.**  
Development of advanced high-temperature heat flux sensors  
[NASA-CR-165618] p 42 N83-10044
- ATLAS, D.**  
Adaptively pointing spaceborne radar for precipitation measurements  
p 410 N83-25315  
The outlook for precipitation measurements from space  
p 410 N83-25316
- ATLURI, S. N.**  
An alternating method for analysis of surface-flawed aircraft structural components  
p 354 A83-28966
- ATTA, E. H.**  
A grid overlapping scheme for flowfield computations about multicomponent configurations  
p 581 A83-43443
- AUBIN, C.**  
The relationship between structure, properties and processing in powder metallurgy superalloys  
p 224 A83-21493
- AUCH, W.**  
State of the art and development potential of fiberoptic rotation sensors  
p 734 A83-47187
- AUCKLAND, D. T.**  
Modelling of direct-strike lightning coupling by a transfer function technique  
p 612 N83-31177

- The effects of new technology trends on aircraft lightning vulnerability and the capability to identify technology deficiencies  
p 586 N83-31207  
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p 587 N83-31208
- AUERBACH, I.**  
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p 475 A83-36794
- AUKIN, M. K.**  
Supersonic flow field analysis for a twin engine aircraft model  
p 493 A83-37521
- AULD, B. A.**  
Research to develop and evaluate advanced eddy current sensors for detecting small flaws in metallic aerospace components  
[AD-A125873] p 564 N83-29726
- AULEHLA, F.**  
Reynolds number effects on transonic shock location  
p 347 N83-20961
- AUPOIX, B.**  
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[ONERA, TP NO 1982-81] p 213 A83-14533
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[AIAA PAPER 83-1594] p 379 A83-33360
- AUSTIN, C. J.**  
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p 433 A83-33546
- AUSTROTAS, R. A.**  
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[NASA-CR-166010] p 140 N83-15273
- AVERBUCH, A.**  
Operational noise data for UH-60A and CH-47C Army helicopter  
[AD-A118796] p 223 N83-12974
- AVGUSTINOVICH, V. G.**  
Selection of the optimal output parameters for the starting device of a double-shaft turbofan engine  
p 273 A83-23442
- AVVA, V. S.**  
Impact-initiated damage in laminated composites  
[AD-A122166] p 297 N83-19820
- AWKER, R. W.**  
Application of advanced technologies to small, short haul transport aircraft (STAT)  
[NASA-CR-152362] p 192 N83-12072
- AXELSSON, R.**  
Simulator studies to develop and improve flight attitude information  
p 197 A83-16334
- AYERS, T. G.**  
A wind-tunnel investigation of the application of the NASA-supercritical airfoil to a variable wing-sweep fighter airplane  
[NASA-TP-X-2759] p 5 N83-11028
- AZUMA, A.**  
Study of rotor gust response by means of the local momentum theory  
p 169 A83-18379

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- BA, A.**  
China's Qiang 5 attack aircraft  
[AD-A130117] p 734 N83-36026
- BABARIN, V. I.**  
The entropy efficiency of blade machines  
p 162 A83-16953
- BABCOCK, C. D.**  
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p 692 A83-46810
- BABELAY, E. F., JR.**  
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p 562 N83-28622
- BACH, L. J.**  
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p 612 A83-40864
- BACH, R. E., JR.**  
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[AIAA PAPER 83-2087] p 596 A83-41919  
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p 719 A83-48218
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p 687 A83-45462
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p 726 A83-48100
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p 313 A83-29971
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[NASA-TM-82979] p 44 N83-11128
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p 482 A83-36077
- BAGHDADI, S.**  
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p 542 N83-29260
- BAHI, L.**  
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p 180 N83-13068
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p 59 A83-10655  
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[NASA-CR-166282] p 26 N83-10027  
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[AD-A118567] p 221 N83-12895
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Demonstration Advanced Avionics System (DAAS) function description  
[NASA-CR-166282] p 26 N83-10027  
Demonstration Advanced Avionics System (DAAS), phase 1  
[NASA-CR-166503] p 612 N83-31602
- BAILEY, F. R.**  
Numerical Aerodynamic Simulation (NAS)  
[NASA-TM-84386] p 652 N83-32397
- BAILEY, J. W.**  
Explosively activated egress area  
[NASA-CASE-LAR-12624-1] p 713 N83-35992
- BAILEY, R. E.**  
Flight test experience with pilot-induced-oscillation suppressor filters  
[AIAA PAPER 83-2107] p 625 A83-41936  
Effect of control system delays on fighter flying qualities  
p 51 N83-10072  
Lateral flying qualities of highly augmented fighter aircraft, volume 2  
[AD-A118071] p 204 N83-12100  
An in-flight investigation of pilot-induced oscillation suppression filters during the fighter approach and landing task  
[NASA-CR-163116] p 204 N83-13110  
Lateral flying qualities of highly augmented fighter aircraft, volume 1  
[AD-A118070] p 443 N83-26835
- BAILEY, S.**  
Development of avionics installation interface standards  
[AD-A116852] p 38 N83-11123
- BAINES, N. C.**  
The TOPSY guide. Transient tunnel operating, data acquisition and processing system. User's and programmer's guides  
[OUEL-1462/83] p 632 N83-31610
- BAIR, M.**  
Spatial calibration of a multispectral data base  
p 209 A83-22882
- BAIR, W. G.**  
Coal gasification for stationary gas-turbine applications  
[DE82-902135] p 226 N83-16553
- BAIRD, J.**  
Flow visualization investigation of choking cascade turns  
p 641 A83-42564  
Design of choking cascade turns  
[AD-A124792] p 477 N83-26023
- BAIRD, R. B.**  
Aeronautical structures technology study. Annotated briefing report  
[AD-A123064] p 389 N83-23300
- BAKER, A. A.**  
Lectures on Composite Materials for Aircraft Structures  
[ARL/STRUC-REPT-394] p 635 N83-30523  
Component form and manufacture  
p 635 N83-30529  
Joining advanced fibre composites  
p 636 N83-30531  
Repair of graphite/epoxy composites  
p 636 N83-30535  
Aircraft applications  
p 636 N83-30536

- BAKER, A. J.**  
An assessment of factors affecting prediction of near-field development of a subsonic VSTOL jet in cross-flow  
[AD-A124583] p 441 N83-25699
- BAKER, C. E.**  
Research on aviation fuel instability  
[NASA-TM-83420] p 553 N83-28255  
High-pressure flame visualization of autoignition and flashback phenomena with liquid-fuel spray  
[NASA-TM-83501] p 747 N83-34948
- BAKER, D. J.**  
Stress analysis of advanced attack helicopter composite main rotor blade root end lug  
[NASA-TM-84578] p 178 N83-15361  
Flight service evaluation of composite components on Bell 206L and Sikorsky S-76 helicopters  
[NASA-TM-84637] p 297 N83-19815
- BAKER, L.**  
Full-authority fault-tolerant electronic engine control system for variable cycle engines  
[AD-A121746] p 359 N83-21357
- BAKER, L. H.**  
Mode S baseline radar tracking  
[FAA-RD-82-53] p 233 N83-17770
- BAKER, T. J.**  
A fast algorithm for the calculation of transonic flow over wing/body combinations p 178 N83-15283  
Solution of the Euler equations for complex configurations  
[AIAA PAPER 83-1929] p 503 N83-39381
- BAKKER, J. T.**  
Effect of control system delays on fighter flight qualities p 51 N83-10073  
Operational and maintenance aspects of the introduction of an advanced fighter type p 491 N83-29250
- BALACHANDRAN, P.**  
SLV-3 flight vibration environment p 629 N83-30721
- BALAN, C.**  
A method of predicting the performance deterioration of a compressor cascade due to sand erosion  
[AIAA PAPER 83-0178] p 160 N83-16572  
Effect of sand erosion on the performance deterioration of a single stage axial flow compressor p 448 N83-35854  
Effect of particle presence on the incompressible inviscid flow through a two dimensional compressor cascade  
[ASME PAPER 83-GT-95] p 714 N83-47941  
Compressor cascade performance deterioration caused by sand ingestion  
[NASA-CR-168067] p 190 N83-16286
- BALANIN, B. A.**  
Aerodynamic drag in two-phase flows p 135 N83-17408
- BALAZARD, J.**  
Aerospace industry materials Choice criteria and needs to be met  
[SNIAS-831-502-101] p 658 N83-32742
- BALCH, D. T.**  
Experimental study of main rotor/tail rotor/airframe interactions in hover Volume 1 Text and figures  
[NASA-CR-166485] p 427 N83-26820
- BALD, W. B.**  
Temperature response of a model to set point changes and conditioning in ETW p 465 N83-25721
- BALDERES, T.**  
The application of nonlinear analysis techniques to practical structural design problems p 65 N83-12765
- BALDOCK, J. C. A.**  
Identification and control of flutter on military combat aircraft p 730 N83-49187
- BALDWIN, D. M.**  
Design of a real-time CGSI system  
[AIAA PAPER 83-1101] p 474 N83-36221
- BALENA, F. J.**  
Evaluation of interior noise control treatments for high-speed propfan-powered aircraft  
[AIAA PAPER 83-0693] p 264 N83-25914  
Cabin noise weight penalty requirements for a high-speed propfan-powered aircraft - A progress report  
[SAE PAPER 821360] p 517 N83-37958
- BALES, K. S.**  
Structures and Dynamics Division Research and technology plans for FY 1983 and accomplishments for FY 1982  
[NASA-TM-85661] p 648 N83-32095
- BALES, T. T.**  
Fabrication and evaluation of brazed titanium-clad boron/aluminum skin-stringer panels  
[NASA-TP-1674] p 552 N83-28098
- BALIAKIN, V. B.**  
A study of the characteristics of short hydrodynamic dampers of aircraft engine motors with allowance for turbulization of the working fluid in the damper clearance p 613 N83-42129
- BALICKI, W.**  
Electrohydraulic fuel-flow regulator for gas-turbine-engine control systems p 458 N83-36783
- BALKE, H.**  
Maneuver load control for reducing the design loads of modern combat aircraft  
[DGLR PAPER 82-048] p 284 N83-24169
- BALL, W. H.**  
Experimental investigation of the effects of wall suction and blowing on the performance of highly offset diffusers  
[AIAA PAPER 83-1169] p 423 N83-36922
- BALLARD, J. S.**  
Development and employment of fixed-wing gunships, 1962 - 1972  
[AD-A122538] p 331 N83-20935
- BALLENGER, W. A., JR.**  
In-flight simulation of a digitally implemented direct force mode p 395 N83-32933
- BALLHAUS, W. F., JR.**  
Numerical Aerodynamic Simulation (NAS)  
[NASA-TM-84386] p 652 N83-32397
- BALOMBIN, J. R.**  
Rotor wake characteristics relevant to rotor-stator interaction noise generation p 39 N83-10184  
Farfield inflight measurements of high-speed turboprop noise  
[AIAA PAPER 83-0745] p 280 N83-25947  
Tone generation by rotor-downstream strut interaction  
[AIAA PAPER 83-0767] p 280 N83-25957  
Tone generation by rotor-downstream strut interaction  
[NASA-TM-83330] p 283 N83-19754  
Farfield inflight measurement of high-speed turboprop noise  
[NASA-TM-83327] p 367 N83-21895
- BAMBERGER, E. N.**  
Bearing fatigue investigation 3  
[NASA-CR-168029] p 233 N83-17880
- BAMMERT, K.**  
On the influence of the diffuser inlet shape on the performance of a centrifugal compressor stage  
[ASME PAPER 83-GT-9] p 737 N83-47881
- BANBURY, J. R.**  
Wide field of view head-up displays p 681 N83-44690
- BAND, E. G. U.**  
A design synthesis model for ACV/SES lift systems p 486 N83-35057
- BANDA, S. S.**  
Decoupling of high gain multivariable tracking systems  
[AIAA PAPER 83-0280] p 140 N83-16625
- BANDO, T.**  
General purpose flight simulation program (FSPK-1) Part 1 Contents of the program  
[NAL-TR-702] p 207 N83-17529
- BANDYOPADHYAY, G.**  
Calculation of potential flow about arbitrary three dimensional wings using internal singularity distributions p 715 N83-48143
- BANGERT, L. H.**  
Effects of nacelle position and shape on performance of subsonic cruise aircraft  
[AIAA PAPER 83 1124] p 519 N83-38079  
Integrated flight/propulsion control system architectures for a high speed aircraft  
[AIAA PAPER 83 2563] p 746 N83-49595
- BANICHUK, N. V.**  
Distribution of the load-carrying material in a minimum-weight wing in the case of constraints on strength and load-carrying capacity p 556 N83-37513
- BANKS, B. A.**  
Piezoelectric deicing device  
[NASA-CASE-LEW 13773-1] p 528 N83-29197
- BANKS, D.**  
An efficient fully implicit simulator  
[CSS-126] p 176 N83-15322
- BANKS, D. W.**  
Trimming high lift for STOL fighters  
[AIAA PAPER 83-0168] p 168 N83-16566  
Effects of spanwise blowing and reverse thrust on fighter low speed aerodynamics p 136 N83-18410
- BANSOD, P.**  
The calculation of two-dimensional transonic flow over aerofoils including boundary layer and wake effects  
[SAE PAPER 830708] p 580 N83-43318
- BAO-GUAN, W.**  
Experimental investigation of simulating impingement cooling of concave surfaces of turbine airfoils p 283 N83-18960
- BAO-XING, W.**  
Characteristics of double-canard aerodynamic shape configuration  
[AD-A128337] p 718 N83-34913
- BAR-GILL, A.**  
Longitudinal flying qualities criteria for single pilot instrument flight operations p 545 N83-27997
- Longitudinal flying qualities criteria for single-pilot instrument flight operations p 606 N83-30407  
[NASA-CR-166084]
- BAR-HAIM, B.**  
The evaluation of the rolling moments induced by wraparound fins  
[AIAA PAPER 83-1840] p 545 N83-38669  
The evaluation of the rolling moments induced by wraparound fins  
[NASA-TM-84381] p 506 N83-29180
- BAR-ITZHACK, I. Y.**  
Suboptimal filters for INS alignment on a moving base p 189 N83-21019
- BAR-SHALOM, Y.**  
Variable dimension filter for maneuvering target tracking p 189 N83-19033  
Stochastic control and identification enhancement for the flutter suppression problem p 286 N83-26544  
Identification of helicopter rotor dynamic models  
[AIAA 83-0988] p 330 N83-29866  
Identification and stochastic control of helicopter dynamic modes  
[NASA-CR-166425] p 157 N83-15283  
Evaluation of the effect of vibration nonlinearity on convergence behavior of adaptive higher harmonic controllers  
[NASA-CR-166424] p 266 N83-18718
- BAR, J.**  
An instrument for recording the exceeding of specified levels of an operational parameter of an aircraft p 159 N83-16880
- BARAN, H. A.**  
Effect of test result uncertainty on the performance of a context-free troubleshooting task  
[AD-A128584] p 577 N83-31573
- BARANOV, P. P.**  
Interaction of a sunk bolt with parts of a single-shear joint in conditions of radial tension p 557 N83-37517
- BARBER, D.**  
Fuel conservation and economy constraints p 362 N83-22179
- BARBER, M. R.**  
Wake vortex attenuation flight tests - A status report p 30 N83-11806
- BARBER, T. J.**  
An axisymmetric nacelle and turboprop inlet analysis including power simulation p 375 N83-32584
- BARDON, M. F.**  
Gas turbine compressor interstage cooling using methanol  
[ASME PAPER 83-GT-230] p 763 N83-48026
- BARRE, E. A.**  
Effects of twin-vertical-tail parameters on twin-engine afterbody/nozzle aerodynamic characteristics  
[NASA-TP-2158] p 377 N83-24478
- BARENBERG, E. J.**  
Longitudinal joint systems in slip-formed rigid pavements Volume 5 Summary of field test results from Chicago O'Hare International Airport  
[FAA-RD-79-4-5] p 293 N83-19762
- BARKER, S. J.**  
The military user view of software support throughout the in-service life of avionics systems p 335 N83-22149
- BARKER, W. R.**  
Prediction of pavement roughness  
[AD-A120009] p 232 N83-16566
- BARNARD, R. S.**  
FAA approved S-76A in-flight power assurance and trending procedure p 277 N83-24830
- BARNES, G. R.**  
Exhaust nozzle concepts for STOL tactical aircraft  
[AIAA PAPER 83-1226] p 523 N83-39102
- BARNES, R. M.**  
Polarization null characteristics of simple targets  
[AD-A129303] p 765 N83-36312
- BARNHART, B.**  
Spin prediction techniques p 169 N83-18401  
Rotary balance data for a typical single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg 2 Influence of horizontal tail location for Model D  
[NASA-CR 3247] p 180 N83-13070  
F-14 rotary balance tests for an angle-of-attack range of 0 deg to 90 deg  
[AD-A124468] p 441 N83-25700
- BARNHILL, R. E.**  
Surfaces in computer aided geometric design, Proceedings of the Conference, Oberwolfach, West Germany, April 25-30, 1982 p 480 N83-33613
- BARNWAL, R. P.**  
Management of bird problem in Indian airlines p 196 N83-21877
- BARNWELL, R. W.**  
Similarity rules for effects of sidewall boundary layer in two-dimensional wind tunnels p 347 N83-20960

## BARON, S.

An optimal control model approach to the design of compensators for simulator delay  
[NASA-CR-3604] p 32 N83-11113

## BARRAZA, L. B.

The Northrop F-20 avionics mission simulator  
[AIAA PAPER 83-0142] p 171 A83-16551

## BARRETT, R. J.

Deterioration trending enhances jet engine hardware durability assessment and part management  
[AIAA PAPER 83-1234] p 453 A83-36297

## BARRETT, W. J.

Digital electronic engine control system - F-15 flight test  
p 162 A83-18406

## BARROSO DE ASSIS FONSECA, S.

Analysis of microstrip wraparound antennas using dyadic Green's function  
p 258 A83-26830

## BARROUIL, C.

The modern concept of acceleration control  
Introduction to optimal command in a handling by objective structure  
p 543 N83-29267

## BARRY, T. P.

Dot-matrix display light measurement and interpretation techniques  
p 36 A83-11257

## BARSONY-NAGY, A.

Induced drag of a slender wing in a nonuniform stream  
p 312 A83-28970

## BARTEL, H.

Acoustic environment in large enclosures with a small opening exposed to flow  
p 237 A83-22161

## BARTHELEMY, J. F. M.

Development of a multilevel optimization approach to the design of modern engineering systems  
[NASA-CR-172184] p 678 N83-32796

## BARTHELMUSS, S. A.

An FAA analysis of aircraft emergency evacuation demonstrations  
[SAE PAPER 821486] p 507 A83-38005

## BARTHOLOMEW, J.

Polymer concrete patching manual  
[PB83-180265] p 647 N83-31912

## BARTHOLOMEW, P.

Initial design of stringer stiffened bend boxes using geometric programming  
p 232 A83-23149

## BARTLETT, D. W.

Wind-Tunnel investigation of effects of underwing leading-edge vortex generators of a supercritical-wing research airplane configuration  
[NASA-TM-X-2471] p 4 N83-11019

Effects of wing trailing-edge truncation on aerodynamic characteristics of a NASA supercritical-wing research airplane model  
[NASA-TM-X-3024] p 4 N83-11021

Wind-tunnel development of underwing leading-edge vortex generators on a NASA supercritical-wing research airplane configuration  
[NASA-TM-X-2808] p 6 N83-11032

Tabulated pressure measurements on an executive-type jet transport model with a supercritical wing  
[NASA-TM-X-72701] p 11 N83-11069

Wind-tunnel investigation of several high aspect-ratio supercritical wing configurations on a wide-body-type fuselage  
[NASA-TM-X-71996] p 11 N83-11070

The NASA supercritical-wing technology  
[NASA-TM-78731] p 11 N83-11071

Effects of differential and symmetrical aileron deflection on the aerodynamic characteristics of an NASA supercritical-wing research airplane model  
[NASA-TM-X-3231] p 12 N83-11073

Application of a supercritical wing to an executive-type jet transport model  
[NASA-TM-X-3251] p 13 N83-11082

Effects of landing gear, speed brake and protuberances on the longitudinal aerodynamic characteristics of an NASA supercritical-wing research airplane model  
[NASA-TM-X-72684] p 13 N83-11085

## BARTLETT, G.

Method for calculating effects of a propfan on aircraft aerodynamics at subsonic speeds  
[AIAA PAPER 83-1216] p 420 A83-36287

## BARTON, C. K.

Laboratory study of add-on treatments for interior noise control in light aircraft  
p 386 A83-32581

Computer program to predict noise of general aviation aircraft. User's guide  
[NASA-CR-168050] p 238 N83-17242

## BARTON, J. M.

The role of CFD in aeropropulsion ground testing  
[AIAA PAPER 83-0149] p 172 A83-16557

## BARTON, R.

A new design of an accurate positioning system at 2 MHz  
p 253 A83-24375

## BARTSCH, O.

Influence of mathematic modelling of undercarriages on the prediction of aircraft loads due to damaged and repaired runways  
p 157 N83-15292

## BARZLOVICH, E. IU.

The reliability of aviation systems  
p 299 A83-25621

## BASILIUS, A.

Radiant heating tests of several liquid metal heat-pipe sandwich panels  
[NASA-TM-85669] p 702 N83-34226

## BASKIOTIS, C.

A failure diagnosis methodology  
p 304 N83-20232

## BASMAISON, J. N.

Recommendations as to the elaboration of operational reliability, maintenance cost and availability clauses in aeronautical equipment supply contracts  
p 303 N83-20180

## BASS, R. M.

An historical review of propeller developments  
p 744 A83-48173

Historical review of propeller developments  
p 242 N83-18652

Propeller performance prediction and design techniques  
p 281 N83-18653

## BASSANI, M.

Wind shear - A danger for flight  
p 766 A83-48225

## BASU, B. C.

Numerical solutions for unsteady aerofoils using internal singularity distributions  
p 313 A83-29971

Development of low cost RPVs under Indian conditions  
p 600 A83-43701

Calculation of potential flow about arbitrary three dimensional wings using internal singularity distributions  
p 715 A83-48143

## BATA, B. T.

Measurement of helium gas transmission through aerostat material  
[AIAA PAPER 83-1986] p 551 A83-38913

## BATAILLE, J.

Noise generated by airfoil profiles placed in a uniform laminar flow  
p 769 A83-49463

## BATEMAN, V. I.

A collision avoidance tool for aircraft pilots  
p 512 A83-37142

## BATES, R. E.

A McDonnell Douglas perspective - Commercial aircraft for the next generation  
[AIAA PAPER 83-2502] p 731 A83-49587

## BATILL, S. M.

A study of analytic modeling techniques for landing gear dynamics  
[AD-A122312] p 267 N83-19745

## BATKA, J. J.

Aircraft usage and effects on engine life  
[ASME PAPER 83-GT-143] p 741 A83-47967

## BATT, J. R.

Force method optimization II Volume 2 User's manual  
[AD-A128235] p 652 N83-32387

Force method optimization 2 Volume 1 Theoretical development  
[AD-A127073] p 652 N83-32408

## BATTEN, C. L.

Increasing future fighter weapon system performance by integrating basing, support and air vehicle requirements  
[AD-A129039] p 712 N83-34888

## BATTERSON, J. G.

Airplane model structure determination from flight data  
p 340 A83-29023

Determination of aerodynamic parameters of a fighter airplane from flight data at high angles of attack  
[AIAA PAPER 83-2066] p 623 A83-41904

An application of parameter identification to the oscillatory motion of an airplane at high C(L)  
[AIAA PAPER 83-2067] p 623 A83-41905

Analysis of oscillatory motion of a light airplane at high values of lift coefficient  
[NASA-TM-84563] p 216 N83-17550

Determination of airplane model structure from flight data using splines and stepwise regression  
[NASA-TP-2126] p 288 N83-19758

## BATTLES, R. A.

Design of an advanced 500-hp helicopter transmission  
p 303 N83-20125

## BAUCHSPIES, J. S.

Research and technology program perspectives for general aviation and commuter aircraft  
[NASA-CR-169875] p 187 N83-17454

## BAUCOM, R. M.

Processing composite materials  
p 210 N83-12153

## BAUER, D. P.

Response sensitivity of typical aircraft jet engine fan blade-like structures to bird impacts  
[AD-A119974] p 166 N83-15310

## BAUERFEIND, K.

Some general topics in the field of engine handling  
p 540 N83-29242

## BAUGHMAN, O. A.

Instrument landing system localizer vector far field monitor development  
[FAA-RO-82-62] p 188 N83-13087

## BAUMAN, E.

Maximizing survivability and effectiveness of air-to-ground gunnery using a moveable gun  
p 21 A83-11192

## BAUMBICK, R. J.

Fiber optics technology and its application to propulsion control systems  
[AIAA PAPER 83-0534] p 158 A83-16772

Fiber optics for aircraft engine/inlet control  
p 211 A83-22494

Fiber optics technology and its application to propulsion control systems  
[NASA-TM-83009] p 159 N83 15302

## BAUMEISTER, K. J.

Utilizing numerical techniques in turbofan inlet acoustic suppressor design  
[NASA-TM-82994] p 73 N83-10885

## BAUSCHLICHER, J. M.

Robustness of a decoupled multivariable digital flight control system  
[AIAA PAPER 83-2272] p 622 A83-41738

## BAYUSO, S.

New results in fault latency modelling  
[AIAA PAPER 83-2303] p 650 A83-41760

## BAYLISS, A.

Radiation of sound from unflanged cylindrical ducts  
[NASA-CR-172171] p 705 N83-33591

## BAZHANOV, V. I.

An analysis of the parameters determining the maximum thrust of ramjet engines  
p 613 A83-42127

## BAZHENOV, A. I.

Calculation of the flow rate characteristic of a jet-throttling hydraulic distributor with allowance for the ejection properties of a tube-plate system  
p 598 A83-42128

## BAZHENOV, V. G.

A finite-element study of the stress-strain state of the turbofan rotor of an aircraft gas-turbine engine  
p 274 A83-23515

## BAZIN, M.

Sting line feasibility for force measurements in the European wind tunnel  
[ONERA, TP NO 1982-90] p 207 A83-14541

## BEAL, G.

Evaluation of synthetic-fuel character effects on rich-lean stationary gas-turbine combustion systems  
Volume 2 Full-scale test program  
[DE83-902337] p 694 N83-34067

## BEARD, B. B.

A design study of a reaction control system for a V/STOL fighter/attack aircraft  
[ASME PAPER 83-GT-199] p 743 A83-48002

## BEARD, B. F.

Design and development of Cartridge Actuated Device /CAD/ primer  
p 209 A83-15433

## BEARD, J.

Spatial calibration of a multispectral data base  
p 209 A83-22882

## BEASELEY, W. D.

Low-speed aerodynamic characteristics of a 17-percent-thick medium speed airfoil designed for general aviation applications  
[NASA-TP-1786] p 191 N83-16290

## BEATTIE, E. C.

Sensor failure detection for jet engines  
[NASA-CR-168190] p 699 N83-33182

## BEATTIE, J. A. C.

A true air speed sensor for miniature unmanned aircraft  
p 444 A83-36613

## BEATTY, D. N.

Aerodynamics critical to the operations of tactical fighters from bomb damaged runways  
[AIAA PAPER 83-1861] p 521 A83-38688

## BEAVIN, R. C.

AEHP for advanced technology aircraft  
p 2 A83-11086

Atmospheric electricity hazards protection program  
p 649 N83-31165

## BECHERER, R. J.

Adaptive detection of targets in laser speckle noise  
p 208 A83-22521

## BECK, C. L., JR.

Airframe RDT&E cost estimating. A justification for and development of unique cost estimating relationships according to aircraft type  
[AD-A123848] p 417 N83-25656



- BECK, J. W.**  
Cryogenic-wind-tunnel technology - A way to measurement at higher Reynolds numbers p 689 A83-48484
- BECK, W.**  
Superplastic transformation and diffusion welding of titanium alloys p 692 N83-32716
- BECK, W. E.**  
Zero-length inlets for subsonic V/STOL aircraft p 312 A83-29012
- BECK, W. E., JR.**  
Wind tunnel tests of a zero length, slotted-tip engine air inlet for a fixed nacelle V/STOL aircraft [NASA-TM-82939] p 9 N83-10019
- BECKER, B.**  
Use of flight engine technology in stationary industrial gas turbines and diesel motors p 760 A83-47203
- BECKER, J.**  
Active gust load alleviation and ride comfort improvement p 751 A83-49193
- BECKWITH, I. E.**  
Free stream noise and transition measurements in a Mach 3.5 pilot quiet tunnel [AIAA PAPER 83-0042] p 171 A83-16482  
Wind tunnel noise reduction at Mach 5 with a rod-wall sound shield [AIAA PAPER 82-0570] p 346 A83-28952  
Sound shield [NASA-CASE-LAR-12883-1] p 237 N83-17235
- BECKWITH, L. R.**  
A unified approach to turbine blade life prediction [SAE PAPER 821439] p 533 A83-37987
- BEDARD, A. J., JR.**  
Measurements of an aircraft wake vortex system using a meteorological tower p 565 A83-38751
- BEDDOES, T. S.**  
Representation of airfoil behaviour p 192 N83-17472
- BEDDOW, B. E.**  
Safety benefits analysis of general aviation cockpit standardization [FAA-CT-82-143] p 140 N83-15272
- BEDNARZ, E. J.**  
State space model concept for evaluating survivability methodologies for aircraft design p 598 A83-42567
- BEDRIK, B. G.**  
Optimization of the oil-change period for aircraft systems and units p 296 A83-26922
- BECK, B.**  
General review of military applications of voice processing p 701 N83-34180
- BEEMAN, E. R.**  
On the transonic aerodynamic characteristics of 10 percent thick airfoils with a plain flap [AIAA PAPER 83-0091] p 130 A83-16515
- BEENY, M. A.**  
A computer-based simulation of a simple aircraft-type fuel system Part 1 Normal transfer [AD-A123007] p 389 N83-23301
- BEGIN, L.**  
The Northrop Flying Wing prototypes [AIAA PAPER 83-1047] p 416 A83-36471
- BEGLEY, G. A., JR.**  
An experimental investigation of the combustion behavior of solid fuel ramjets [AD-A127165] p 637 N83-30555
- BEH, H.**  
Gain and phase margin as a basis of longitudinal flying qualities evaluation p 49 N83-10059
- BEHAL, J.**  
Development of structural materials for the new generation of aircraft p 383 A83-30511
- BEHM, D. D.**  
F-18 Hornet high angle of attack /AOA/ program p 47 A83-11809
- BEHNEN, S. W.**  
Embedded microprocessors for avionic applications p 70 A83-11104  
Advanced avionic systems for multimission applications, volume 2 [AD-A121794] p 271 N83-19750  
Advanced avionic systems for multimission applications, volume 3 [AD-A121795] p 271 N83-19751
- BEIDEMAN, L. R.**  
Stimulus variables affecting dynamic target acquisition p 209 A83-22590
- BEIGELMAN, Z.**  
A simplified model of the influence of elastic pitch variations on the rotor flapping dynamics p 204 A83-21025
- BEILMAN, J. L.**  
Indoctrination of Navy test pilots to vectored thrust flight in the X 22A in-flight simulator [AIAA PAPER 83-1076] p 438 A83-36205
- BEINER, L.**  
Aeroelastic optimization of orthotropic rectangular flat panels p 639 A83-40675
- BEISSEL, D. R.**  
Propeller noise at subsonic blade tip speeds, torque and thrust force [DFVLR-MITT-82-17] p 653 N83-31425
- BEISSNER, F. L., JR.**  
Application of variable-sweep wings to commuter aircraft [NASA-CR-166067] p 265 N83-18713  
Effect of advanced technology and a fuel efficient engine on a subsonic-cruise executive jet with a small cabin [NASA-CR-172190] p 679 N83-33876
- BEITLER, R. S.**  
Control means for a gas turbine engine [NASA-CASE-LEW-14586-1] p 617 N83-31603
- BEKEMEYER, L. G.**  
Validation of the KC-10 refueling boom digital control system [SAE PAPER 821421] p 517 A83-37978
- BELCASTRO, C. M.**  
Digital system upset. The effects of simulated lightning-induced transients on a general-purpose microprocessor [NASA-TM-84652] p 411 N83-24212  
Digital system upset. The effects of simulated lightning-induced transients on a general purpose microprocessor p 651 N83-31233  
Restructurable Controls [NASA-CP-2277] p 688 N83-33896
- BELGUNDU, A. D.**  
Design Optimization Codes for Structures - DOCS computer program p 694 A83-43974
- BELIAEVSKII, L. S.**  
Fundamentals of radio navigation p 17 A83-10668
- BELL, H.**  
Carrier Aircraft Inertial Navigation System /CAINS/ integrated system approach p 254 A83-24854
- BELL, M.**  
ARTS 2A design analysis [FAA-RD-82-54] p 187 N83-12064
- BELL, W. A.**  
Aerodynamic measurements about a rotating propeller with a laser velocimeter [AIAA PAPER 83-1354] p 421 A83-36355
- BELLIN, A. I.**  
Status report - DARPA/NASA convertible turbofan/turboshaft engine program [ASME PAPER 83-GT-196] p 743 A83-48000
- BELONOGOV, V. D.**  
Development of adaptation and identification algorithms in adaptive digital aircraft control systems p 287 A83-26600
- BELOTSEKOVSKII, S. M.**  
Development of a mathematical model of a flight vehicle and the experimental verification of its reliability p 599 A83-42868
- BELOUSOV, A. I.**  
A study of the characteristics of short hydrodynamic dampers of aircraft engine motors with allowance for turbulization of the working fluid in the damper clearance p 613 A83-42129  
Monitoring the contamination of jet fuels by corrosion inhibitors p 757 A83-48544
- BELOVA, A. F.**  
Materials for the manufacture of aircraft instruments and structures p 58 A83-10466
- BELTE, D.**  
Fuel conservation evaluation of U.S. (United States) Army helicopters Part 4 OH-58C flight testing [AD-A127422] p 637 N83-30673
- BELTRAMO, M. N.**  
A critical look at the development and application of airframe cost models [SAWE PAPER 1478] p 603 A83-43747
- BEMENT, L. J.**  
Service life evaluation of rigid explosive transfer lines [NASA-TP-2143] p 608 N83-31596  
Explosively activated egress area [NASA-CASE-LAR-12624-1] p 713 N83-35992
- BENDER, G. L.**  
Airworthiness and flight characteristics test Part 1 YAH-64 advanced attack helicopter [AD-A118490] p 193 N83-12075  
Climatic laboratory survey Hughes YAH-64 helicopter [AD-A124670] p 440 N83-25698
- BENDIKSEN, O. O.**  
Flutter of mistuned turbomachinery rotors [ASME PAPER 83-GT-153] p 761 A83-47979
- BENDONI, M.**  
Impact of new technology on engineering and maintenance systems p 657 A83-45078
- BENEPE, D. B., SR.**  
Development of aerodynamic prediction methods for irregular planform wings [NASA-CR-3664] p 195 N83-17515
- BENGUS, G. IU.**  
The effect of anisotropy, thickness, and operating time on the crack growth in pressed and rolled products of D16chT and V95pcht1 alloys p 350 A83-28478
- BENJAMIN, J.**  
A ground control system for UMA p 592 A83-43713
- BENNETT, A. G.**  
New concept for low cost VTOL cargo delivery capability [AIAA PAPER 83-2207] p 584 A83-41691
- BENNETT, C. L.**  
Polarization null characteristics of simple targets [AD-A129303] p 765 N83-36312
- BENNETT, G.**  
Theoretical investigations of high lift aerodynamics [NASA-CR-169926] p 244 N83-18663
- BENNETT, G. W.**  
Control means for a gas turbine engine [NASA-CASE-LEW-14586-1] p 617 N83-31603
- BENNETT, H. W.**  
Advanced turboprop and dual cycle engine performance benefits and installation options on a Mach 0.7 shorthaul transport aircraft [AIAA PAPER 83-1212] p 452 A83-36284
- BENNETT, N.**  
Development and testing of Skyship 500 p 327 A83-28191
- BENNETT, N. T.**  
Flight testing and operational demonstrations of a modern non-rigid airship [AIAA PAPER 83-1999] p 523 A83-38920
- BENNETT, R. M.**  
Some recent applications of XTRAN3S [AIAA PAPER 83-1811] p 497 A83-38644  
Application of Zimmerman flutter-margin criterion to a wind tunnel model [NASA-TM-84545] p 192 N83-12070  
Some recent applications of XTRAN3S [NASA-TM-85641] p 426 N83-26815
- BENOIT, A.**  
Dynamic control of inbound flights for minimum cost operation p 326 N83-22186
- BENSCH, J. O.**  
Validation flight test of UH-60A for Rotorcraft Systems Integration Simulator (RSIS) [AD-A125428] p 529 N83-29201
- BENSON, J. L.**  
Re-engineing studies on the P-3 aircraft [SAE PAPER 821445] p 519 A83-37993
- BENSON, J. W.**  
Integrated assurance assessment of a reconfigurable digital flight control system [NASA-CR-170281] p 397 N83-24515
- BERENFELD, A.**  
Experiments in dilution jet mixing [AIAA PAPER 83-1201] p 475 A83-36277
- BERENS, A. P.**  
Characterization of NDE reliability p 214 A83-15211
- BERENYI, S. G.**  
An update on high output lightweight diesel engines for aircraft applications [AIAA PAPER 83-1339] p 458 A83-36925  
Lightweight diesel aircraft engines for general aviation p 340 N83-22455
- BEREZANSKI, J.**  
Operation of a helicopter on sloping ground I p 182 A83-14618  
Operation of a helicopter on sloping ground II p 182 A83-14624
- BERG, A.**  
A study of alternative aircraft for installation of the Navy standard tow target system [AD-A120882] p 287 N83-19742
- BERG, R. F.**  
Estimation and prediction for maneuvering target trajectories p 257 A83-26261
- BERGER, D.**  
Towards a renewal of the propeller in aeronautics [AAAF PAPER NT 82-01] p 392 A83-33159  
The return of the propeller airplane [SNIAS-822-111-102] p 389 N83-24501
- BERGER, E.**  
Minimum-time 180 deg turns of aircraft p 45 A83-10250
- BERGER, S.**  
Safety benefits analysis of general aviation cockpit standardization [FAA-CT-82-143] p 140 N83-15272
- BERGER, T. S.**  
Applications and market potentials for the light utility airship concept [AIAA PAPER 83-1975] p 489 A83-38906

- BERGHOLZ, R. J.**  
Advanced rapid runway repair A stable and flush repaired runway surface p 175 N83-15287
- BERKHEEV, M. M.**  
Evaluation of the productivity of an automated system for the testing of aircraft engines p 338 A83-29277
- BERKING, B.**  
Accuracy and availability of various modern navigation procedures p 25 A83-13013
- BERKOF, R. S.**  
Mechanism case studies VI [ASME PAPER 82-DET-47] p 65 A83-12772
- BERKOWITZ, L. F.**  
Velocity coupling A new concept for hover and axial flow wake analysis and design p 193 N83-17478
- BERKOWITZ, M.**  
Study of advanced rotary combustion engines for commuter aircraft [NASA-CR-165399] p 214 N83-17545
- BERLIAND, A. T.**  
Numerical calculation of the separation and connection of two-dimensional supersonic flows in channels with discontinuous boundaries p 212 A83-22658
- BERMAN, A.**  
Rotor dynamic simulation and system identification methods for application to vacuum whirl data [NASA-CR-159356] p 32 N83-11117
- BERMAN, M. B.**  
Increasing future fighter weapon system performance by integrating basing, support and air vehicle requirements [AD-A129039] p 712 N83-34888
- BERMAN, P. A.**  
Compressed-air energy storage preliminary design and site development program in an aquifer Volume 5, Part 1 Turbomachinery design [DE83-004005] p 362 N83-22759
- BERNAL, L.**  
Entrainment and mixing in thrust augmenting ejectors [AIAA PAPER 83-0172] p 419 A83-36046
- BERNARD, M.**  
New displays for the next generation of civil aircraft - Airbus A 310 and A 300/600 color cathode tubes p 269 A83-24374
- BERNDT, S. B.**  
Measuring the flow properties of slotted test section walls [PB82-239849] p 219 N83-13417  
Flow properties of slotted-wall test sections p 347 N83-20963
- BERNIER, R.**  
Proposal and justification for the establishment of an aeronautical systems-target nonnuclear survivability-vulnerability information analysis center-SURVIAC [AD-A130414] p 771 N83-37015
- BERRIER, B. L.**  
Empennage/afterbody integration for single and twin-engine fighter aircraft [AIAA PAPER 83-1126] p 420 A83-36235  
A static investigation of yaw vectoring concepts on two-dimensional convergent-divergent nozzles [AIAA PAPER 83-1288] p 421 A83-36324  
Investigation of installation effects of single-engine convergent-divergent nozzles [NASA-TP-2078] p 11 N83-11059
- BERROIR, A.**  
JANUS - An aircraft prototype of a low earth orbit split beam stereoscopic observing system p 355 A83-29696
- BERRY, J. E.**  
Comparison of some matching methods p 22 A83-11219
- BERRY, R. L.**  
The application of diffraction optics to the LANTIRN head-up display p 196 A83-16131
- BERRY, T.**  
Preliminary summary of phase 1 Piedmont in-service evaluation of TCAS 2 p 146 N83-14095
- BERRY, T. R.**  
Image generation and display p 39 N83-11394  
Picture formatting and hardware considerations p 67 N83-11395
- BERRY, V. L.**  
YAH-63 helicopter crashworthiness simulation and analysis [AD-A125642] p 510 N83-27970
- BERTELUD, A.**  
Contouring tunnel walls to achieve free-air flow over a transonic swept wing [AIAA PAPER 83-1725] p 492 A83-37211  
Experimental and computational investigation of the flow in the leading edge region of a swept wing [AIAA PAPER 83-1762] p 492 A83-37233
- BERTHOLD, G.**  
Implementation of the DAST ARW II control laws using an 8086 microprocessor and an 8087 floating-point coprocessor p 71 A83-11910
- BERTKE, R. S.**  
Response sensitivity of typical aircraft jet engine fan blade-like structures to bird impacts [AD-A119974] p 166 N83-15310  
Materials screening tests of the FOD impact design technology program, task 4C [AD-A119839] p 225 N83-16401  
Structural element and real blade impact testing, volume 1 [AD-A127744] p 618 N83-31606
- BETTNER, J. L.**  
Influence of blade tip clearance on aerodynamically induced vibration [AD-A123125] p 394 N83-23312
- BETTNER, T. J.**  
Fabrication of aircraft components using prepried breadboards layed-up in the flat and subsequently formed - Cost benefits and resource utilization enhancements p 241 A83-23602
- BETTS, F. C.**  
A dynamic interface error performance simulation - IV&V for the F-4F OFF p 70 A83-11114
- BEUCK, G.**  
Design and implementation of an active load alleviation system, taking into account the example of a modern transport aircraft [DGLR PAPER 82-045] p 284 A83-24170
- BEVILAQUA, P. M.**  
Progress towards a theory of jet flap thrust recovery [AIAA PAPER 83-0079] p 153 A83-19579
- BEYER, R.**  
Project Cockpit Instruments and Human Engineering as part of a joint programme of research on aircraft guidance and control [DFVLR-FB-82-13] p 270 N83-18722
- BEYERS, M. E.**  
A new concept for aircraft dynamic stability testing p 203 A83-15310  
Subsonic roll oscillation experiments on the Standard Dynamics Model [AIAA PAPER 83-2134] p 626 A83-41956
- BEZAMAT, G.**  
Studies on an acceleration platform and at the time of a simulated crash of helicopter anticrash seats p 197 A83-22976  
Evaluation of the efficiency of helicopter anticrash seats using a horizontal acceleration bench and a simulated crash p 250 N83-19444
- BEZIAC, G.**  
Composite materials applications in the manufacture of helicopters - Design and problems of helicopters p 385 A83-31822
- BHANGU, J. K.**  
Emissions variability and traversing on production RB211 engines [ASME PAPER 83-GT-141] p 741 A83-47966
- BHARGOV, P. K. R.**  
The response of aircraft to pulse excitation p 434 A83-34312
- BHATELEY, I. C.**  
Computational aerodynamic design of fighter aircraft Progress and pitfalls [AIAA PAPER 83-2063] p 596 A83-41903
- BHATTACHARYA, A.**  
Cumulative damage and life-estimations in fatigue p 64 A83-12660
- BIALOJAN, B.**  
The maintenance of modern engines in civil aviation [DGLR PAPER 82-070] p 275 A83-24184
- BIEHL, K.**  
Light aircraft piston engine carburetor ice detector/warning device sensitivity/effectiveness [AD-A117745] p 38 N83-10041  
Engine performance comparison associated with carburetor icing during aviation grade fuel and automotive grade fuel operation [DOT/FAA/CT-82/110] p 618 N83-31604
- BIEHL, W.**  
Some aspects of the engine design of future fighter planes [DGLR PAPER 82-071] p 275 A83-24185
- BIELLI, M.**  
Air traffic flow control systems - Modelling and evaluation p 258 A83-26602
- BIHRLE, W., JR.**  
Spin prediction techniques p 169 A83-18401
- BILBRO, J. W.**  
Coherent CO<sub>2</sub> lidar systems for remote atmospheric measurements p 760 A83-47808
- BILGER, J. M.**  
In-flight structural dynamic characteristics of the XV-15 tilt-rotor research aircraft p 29 A83-10191
- BILLERA, D. J.**  
Airport and highway noise control, planning and analysis [PB83-153692] p 560 N83-28290
- BILLIG, F. S.**  
International Symposium on Air Breathing Engines, 6th, Paris, France, June 6-10, 1983, Symposium Papers p 445 A83-35801  
Applications of computational techniques in the design of ramjet engines p 418 A83-35828
- BILLMANN, B. R.**  
TCAS 2 threat detection and resolution logic testing p 145 N83-14090  
Traffic Alert and Collision Avoidance System (TCAS) evaluation Volume 2 Equipped threat phase and an assessment in an error-degraded environment [FAA-CT-82-52-2-VOL-2] p 325 N83-22176  
Survey of characteristics of near mid-air collisions involving helicopters [FAA-CT-83-40] p 720 N83-34920
- BILLY, M.**  
Nitrogen ceramics in France p 757 A83-48310
- BINGHAM, G. J.**  
Low-speed aerodynamic characteristics of a 17-percent-thick supercritical airfoil section, including a comparison between wind-tunnel and flight data [NASA-TM-X-2571] p 6 N83-11034
- BINION, T. W., JR.**  
Progress in wind tunnel test techniques and in the corrections and analysis of the results [ONERA, TP NO 1982-108] p 174 A83-18434  
Proceedings of the AGARD Fluid Dynamics Panel Specialists Meeting on Wall Interference in Wind Tunnels [AGARD-AR-190] p 550 N83-29277
- BINKHORST, H.**  
Aerodynamic model identification from dynamic flight test data and wind tunnel experiments [VTH-LR-361] p 505 N83-27967  
Aerodynamic model identification from dynamic flight test data and wind tunnel experiments p 604 N83-30371
- BINKS, D.**  
A configuration to improve the aerodynamics and scope of can-annular combustors [ASME PAPER 83-GT-37] p 737 A83-47898
- BIPPES, H.**  
Half model testing applied to wings above and below stall p 661 A83-46455
- BIRD, R. G.**  
Computer Aided System for Developing Aircrew Training (CASDAT) [AD-A128530] p 633 N83-31615
- BIRIUK, V. I.**  
Distribution of the load-carrying material in a minimum-weight wing in the case of constraints on strength and load-carrying capacity p 556 A83-37513
- BIRIUKOV, N. M.**  
Aircraft production technology (2nd revised and enlarged edition) p 415 A83-36443
- BIRKEN, J. A.**  
Composite material aircraft electromagnetic properties and design guidelines [AD-A124016] p 470 N83-25795  
Modelling of direct-strike lightning coupling by a transfer function technique p 612 N83-31177  
The effects of new technology trends on aircraft lightning vulnerability and the capability to identify technology deficiencies p 586 N83-31207  
Unprotected radome lightning tests and implications to Kevlar airframe designs p 587 N83-31208
- BIRKENHEUER, N. J.**  
Computer-enhanced analysis of a jet in a cross stream p 228 A83-19804
- BIRKLER, J. L.**  
Development and production cost estimating relationships for aircraft turbine engines [AD-A123753] p 459 N83-25714
- BIRKS, N.**  
Erosion-corrosion of coatings and superalloys in high velocity hot gases p 757 A83-49481
- BIRMINGHAM, W. P.**  
Experimental results of using the GPS for Landsat 4 onboard navigation p 672 A83-46963
- BIRMIWAL, K.**  
Variable dimension filter for maneuvering target tracking p 189 A83-19033
- BIRRENBACH, R.**  
New technology in general aviation [DGLR PAPER 82-048] p 262 A83-24172
- BIRULYA, E. V.**  
Durability of propeller shaft interference fits under variable cyclic loading [DRIC-T-6880] p 684 N83-32803

- BISCHOFF, D. E.**  
The definition of short-period flying qualities characteristics via equivalent systems p 395 A83-32578
- BISCHOFF, M.**  
A run-wave collision warning device for helicopters p 645 N83-30895
- BISE, M. E.**  
Application of output predictive algorithm control to a terrain following aircraft system [AD-A116038] p 27 N83-11105
- BISHOP, E. F.**  
Evaluation of technology assessments and development of evaluation protocols, project report [PB82-197393] p 224 N83-13027  
Evaluation of technology assessments and development of evaluation protocols [PB82-197385] p 224 N83-13028
- BISHOP, J.**  
Induced transients in a simulated lightning test of the fly-by-wire Jaguar aircraft p 586 N83-31196
- BISHOP, R. E. O.**  
On the possibility of balancing rotating flexible shafts p 180 A83-17724
- BISIAUX, M.**  
Possible improvements in meteorology for aircraft navigation p 247 A83-23373
- BISSELL, J.**  
Analysis and correlation of the test data from an advanced technology rotor system [NASA-CR-37114] p 665 N83-32777
- BITTKER, D. A.**  
Research on aviation fuel instability [NASA-TM-83420] p 553 N83-28255
- BJORKLUND, C. M.**  
Intelligent control of tactical target cueing p 25 A83-12879
- BJORKMAN, W. S.**  
Performance of a Strapdown Ring Laser Gyro Tetrad Inertial Navigation System in a helicopter flight environment p 322 A83-28781
- BLACK, B. M.**  
Small transport aircraft technology propeller study [NASA-CR-168045] p 506 N83-29178
- BLACK, G.**  
Blade loss transient dynamic analysis of turbomachinery p 612 A83-40864
- BLACK, G. T.**  
Aerodynamic flight test of four single engine propellers [SAE PAPER 830731] p 615 A83-43328
- BLACK, R. J.**  
Application of tire dynamics to aircraft landing gear design analysis p 359 N83-21394
- BLACKALLER, D. L.**  
Development and application of a liquid-cooled V-8 piston engine for general aviation aircraft [AIAA PAPER 83-1342] p 455 A83-36347  
The application of a liquid-cooled V-8 piston engine to general aviation aircraft [SAE PAPER 821446] p 533 A83-37994
- BLACKMAN, A. L.**  
The impact of new air traffic systems on the flight deck p 142 A83-17733
- BLACKMORE, W. L.**  
Design and development of a mixer compound exhaust system p 274 A83-24029  
Three-dimensional compressible viscous analysis of mixer nozzles [AIAA PAPER 83-1401] p 422 A83-36391  
The impact of three-dimensional analysis on fan design [ASME PAPER 83-GT-138] p 740 A83-47963
- BLACKWELL, J. A., JR.**  
Wind-tunnel investigation of effects of rear upper surface modification on a NASA supercritical airfoil [NASA-TM-X 2454] p 4 N83-11020  
Aerodynamic characteristics of an 11-percent-thick symmetrical supercritical airfoil at Mach numbers between 0.30 and 0.85 [NASA-TM-X-1831] p 13 N83-11084
- BLACKWELL, R. H., JR.**  
Blade design for reduced helicopter vibration p 594 A83-41076
- BLAIR, J. D.**  
Integrated control system concept for high-speed aircraft [AIAA PAPER 83-2564] p 751 A83-50074
- BLAIR, M.**  
Swept composite wing aeroelastic divergence experiments p 29 A83-10183  
Wind tunnel experiments on the divergence of swept wings with composite structures [AD-A127950] p 584 N83-31582
- BLAIWES, A. S.**  
Computer Aided System for Developing Aircrew Training (CASDAT) [AD-A128530] p 633 N83-31615
- BLAKE, C. L.**  
The impact of petroleum, synthetic and cryogenic fuels on civil aviation [FAA-EM-82-29] p 178 N83-14291
- BLAKE, D. R.**  
Fire containment characteristics of aircraft class D cargo compartments [FAA-CT-82-156] p 509 N83-27968
- BLAKE, E. E.**  
Adaptation of pultrusion to the manufacture of helicopter components [AD-A126291] p 491 N83-29171
- BLAKELOCK, J. H.**  
Design and analysis of a digitally controlled integrated flight/fire control system p 511 A83-37063
- BLAKELY, A. D.**  
Static testing to evaluate air tanker delivery performance [PB82-179948] p 194 N83-12079
- BLANCHARD, A.**  
Problems involved by the instrumentation and the conception of cryogenic tests p 485 N83-25725
- BLAND, S. R.**  
Airfoil shape and thickness effects on transonic airloads and flutter [AIAA 83-0959] p 329 A83-29860
- BLAND, T. L.**  
Helicopter noise exposure curves for use in environmental impact assessment [AD-A123467] p 413 N83-25500
- BLANK, R. W.**  
The Navstar GPS p 673 A83-46965
- BLANKEN, C. L.**  
Effects of rotor inertia and rpm control on helicopter handling qualities [AIAA PAPER 83-2070] p 623 A83-41907
- BLANKENSHIP, C. P.**  
Advanced Materials Technology [NASA-CR-2251] p 210 N83-12147
- BLASCHKE, G.**  
Integrated navigation by supplementing MLS with DAS p 258 A83-24872
- BLASZCZYK, J.**  
Numerical analysis of natural, coupled, longitudinal-lateral vibrations of an asymmetric airplane p 641 A83-42334
- BLAUCH, R. S.**  
The impact of missions on the preliminary design of an ABC rotor [SAVE PAPER 1501] p 603 A83-43760
- BLECHERMAN, S. S.**  
Composite fan exit guide vanes for high bypass ratio gas turbine engines p 198 A83-13159
- BLESIAIDNY, T.**  
Uniform engine testing program Phase 1 NASA Lewis Research Center participation [NASA-TM-82978] p 163 N83-14126
- BLESS, S. J.**  
FOD hazard from tire-lofted debris p 585 A83-42557
- BLOCH, S.**  
Observations of the Omega position fix accuracy in southern Germany p 256 A83-24875
- BLOM, J. J. H.**  
Some characteristic quantities of Karman-Trefftz profiles [NASA-TM-77013] p 314 N83-20915
- BLOMEIER, K.**  
Additionally compressed titanium fine cast components p 692 N83-32713
- BLOMQUIST, C. A.**  
Experimental gas-fired pulse-combustion studies [NASA-CR-172827] p 637 N83-30548
- BLOOMER, H. E.**  
QCSEE under-the-wing engine-wing-flap aerodynamic profile characteristics [NASA-TM-82890] p 201 N83-12092
- BLOZY, J. T.**  
Internal performance prediction for advanced exhaust systems p 211 A83-22156
- BLUISH, J. A.**  
PMUX - The interface for engine data to AIDS p 391 A83-30158
- BLUME, L. R.**  
A study of real-time computer graphic display technology for aeronautical applications [NASA-CR-169828] p 238 N83-18307
- BLYTHER, P. D.**  
Summary of the FAA's future navigation system mix evaluation, through May 1982 [AD-A119314] p 146 N83-14099
- Digital systems technical analysis [ARINC-1469-01-1-2804] p 271 N83-18724
- BOASSON, M.**  
Circulation controlled STOL wing optimization [AIAA PAPER 83-0082] p 130 A83-16509
- BOBER, L. J.**  
An analytical and experimental comparison of the flow field of an advanced swept turboprop [AIAA PAPER 83-0189] p 189 A83-21080  
An analytical and experimental comparison of the flow field of an advanced swept turboprop [NASA-TM-83037] p 128 N83-14081  
New test techniques and analytical procedures for understanding the behavior of advanced propellers [NASA-TM-83360] p 311 N83-22092
- BOBICK, J. C.**  
Oceanic Area System Improvement Study (OASIS) Volume 7 North Atlantic region flight cost model results [FAA-EM-81-17-VOL-7] p 201 N83-16319
- BOBULA, G. A.**  
Effect of variable guide vanes on the performance of a high-bypass turbofan engine p 274 A83-24028  
Effect of steady-state pressure distortion on inlet flow to a high-bypass-ratio turbofan engine [NASA-TM-82964] p 166 N83-15306
- BOCKRATH, T. A.**  
The preliminary design of a very large pressure airship for civilian and military applications [AIAA PAPER 83-2005] p 523 A83-38923
- BODIN, L. A.**  
Effect of wing-mounted nacelles on a 42 deg swept supercritical wing configuration at near-sonic speeds [NASA-TM-X-2954] p 4 N83-11025
- BODUNOV, M. N.**  
The effect of supercritical pressure gradients on heat transfer in turbine nozzle cascades p 614 A83-42140
- BOEHM, H.-D. V.**  
Bo 105 rotor blade influence on the Calipso FLIR in the mast-mounted observation platform Ophelia p 205 A83-23249
- BOEHM, W.**  
Surfaces in computer aided geometric design, Proceedings of the Conference, Oberwolfach, West Germany, April 25-30, 1982 p 480 A83-33613
- BOEHMAN, L. I.**  
A model for prediction bird and ice impact loads on structures [AD-A119408] p 184 N83-14543
- BOEHMANN, L.**  
Aerodynamics critical to the operations of tactical fighters from bomb damaged runways [AIAA PAPER 83-1861] p 521 A83-38668
- BOEHMER, M.**  
Status report 1981 on the German BMFT-sponsored programme 'Ceramic components for vehicular gas turbines' p 756 A83-48309
- BOEHRET, H.**  
OLGA - A gust-alleviation system for general-aviation aircraft p 750 A83-47212  
The Open Loop Gust Alleviation system OLGA [BMFT-FB-W-82-030] p 397 N83-23319
- BOELKOW, L.**  
The use of helicopters in Europe Analysis and prospects [MBB-UD-359-82-O] p 207 N83-17533
- BOEN, G. E.**  
Investigation of advanced navigation and guidance system concepts for all-weather rotorcraft operations [NASA-CR-166274] p 26 N83-10029
- BOERNER, W. M.**  
Polarization null characteristics of simple targets [AD-A129303] p 765 N83-36312
- BOERSEN, S. J.**  
Comparison of flight and wind tunnel buffeting measurements on the SAAB 105 aircraft p 604 N83-30369
- BOFF, K. R.**  
Integrated perceptual information for designers p 63 A83-11136  
Critical research issues on cockpit applications of 3-D displays p 272 N83-20697
- BOGACHEV, A. G.**  
The short-range forecasting of meteorological conditions of the icing of aircraft on the ground and the runway at the Sofia airport p 648 A83-41585
- BOGACHEVA, N. D.**  
The short-range forecasting of meteorological conditions of the icing of aircraft on the ground and the runway at the Sofia airport p 648 A83-41585
- BOGAR, T. J.**  
Response of a supersonic inlet to downstream perturbations [AIAA PAPER 83-2017] p 422 A83-38403
- BOGATKO, V. I.**  
A three-dimensional hypersonic gas flow over a slender wing p 135 A83-17412

**BOGOMOLOV, E. N.**

Thermodynamic efficiency of air injection into the radial clearance of the turbine of a turbojet engine p 614 A83-42139

**BOGOMOLOV, S. I.**

An analysis of the natural vibrations of the rotors of centrifugal compressor machines p 405 A83-30310

**BOHNE, A. R.**

Estimation of turbulence severity in precipitation environments by radar p 360 A83-27044

**BOHON, H. L.**

Opportunities for composites in commercial transport structures p 210 N83-12148  
Ground test experience with large composite structures for commercial transports [NASA-TM-84627] p 564 N83-29732

**BOIKO, A. V.**

Optimal design of the blading of axial turbines p 694 A83-43924

**BOIS, G.**

Comparison between probe and laser measurements at the outlet of a centrifugal impeller p 299 A83-26418

**BOITSOV, V. V.**

Aircraft production technology (2nd revised and enlarged edition) p 415 A83-36443

**BOIZARD, B.**

Tridimensional computation of the flow in helicopter air intakes [PB82-204512] p 194 N83-13093

**BOLDIN, V. A.**

Optimality of the measurement of navigation parameters on the basis of signals of difference-ranging systems p 17 A83-10805

**BOLDMAN, D. R.**

Experimental evaluation of shockless supercritical airfoils in cascade [AIAA PAPER 83-0003] p 129 A83-16455

**BOLDS, P.**

Determination of the dynamic environment of the F/FB-111 tail pod assembly p 606 N83-30716

**BOLDS, P. G.**

Vibration and aeroelastic facility [AD-A126317] p 549 N83-29275

**BOLDT, J. A.**

Manufacturing methods for composite graphite hole generation [SAE PAPER 821418] p 557 A83-37976

**BOLUKBASI, A. O.**

Application of the nonlinear finite element method to crashworthiness analysis of aircraft seats [AIAA 83-0929] p 318 A83-29855

Computer simulation of an aircraft seat and occupant in a crash environment, volume 1 [FAA-CT-82-33-1-VOL-1] p 319 N83-22171  
Computer simulation of an aircraft seat and occupant in a crash environment Volume 2 Program SOM-LA user manual [FAA-CT-82-33-2-VOL-2] p 319 N83-22172

**BOND, D. C.**

ASTF test instrumentation system detail design p 54 A83-11059

**BONDARCHUK, I. E.**

Electrical, avionics, and sensor equipment of the Yak-40 aircraft /2nd revised and enlarged edition/ p 208 A83-20390

**BONDARENKO, A. B.**

Optimal form of the middle surface of a wing with supersonic leading edge, assuring minimum drag for a prescribed lift force and pitching moment p 493 A83-37518

**BONK, J. S.**

Compressed-air energy storage preliminary design and site development program in an aquifer Volume 5, Part 1 Turbomachinery design [DE83-004005] p 362 N83-22759

**BONNEAU, H.**

Flyover noise measurements for turbo-prop aircraft [AIAA PAPER 83-0746] p 280 A83-25948

**BONNICE, M. A.**

Stagnation region gas film cooling Effects of dimensionless coolant temperature [NASA-CR-168197] p 645 N83-30960

**BOOKER, D.**

Experience of non-linear high incidence aerodynamic characteristics p 50 N83-10070

**BOOT, A.**

Evolution of map display optical systems p 681 A83-44830

**BOOTH, W. R.**

The 3 ring canopy release system p 183 A83-15416

**BORCHERS, I. U.**

Design, construction, and testing of an experimental propeller in the 750 PS performance class [DGLR PAPER 82-066] p 274 A83-24180

Design, construction and test of an experimental propeller in the power range 750 HP [BMFT-FB-W-83-004] p 507 N83-29184

**BORE, C. L.**

Aerodynamic ejectors in the UK [BAE KRS-N-GEN-243] p 607 N83-31594

**BORGER, J. G.**

Operator influences on aircraft design p 204 A83-21032

Operator influences on aircraft design p 371 A83-31813

**BORGER, W. U.**

A 400 Hz starter/generator system p 40 A83-11207  
Transient performance of permanent magnet synchronous motors p 353 A83-27189

**BORGENSEN, S. E.**

Balloon materials and designs p 524 A83-39806

**BORGON, J.**

Windmilling of the rotor of a turbojet engine with an axial-flow compressor under flight conditions [NASA-TM 77087] p 686 N83-33892

**BORISUK, M. N.**

The problem of an optimum wing of constant seaworthiness p 375 A83-33003

**BORISOV, V. P.**

On an algorithm for solving the incomplete eigenvalue problem in the vibration analysis of complex structures of fuselage type p 354 A83-29278

**BORLAND, C. J.**

Unsteady transonic flow over wings including inviscid/viscous interaction p 190 A83-22132  
Aeroelastic loads prediction for an arrow wing Task 1 Evaluation of R. P. White's method [NASA-CR-3640] p 316 N83-22163

**BOROWSKY, M. S.**

The United States Navy's injury experience in aircraft mishaps p 184 A83-15441

**BORRI, M.**

Anisotropic beam theory and applications p 65 A83-12756

**BORZOV, V. I.**

Investigation of the longitudinal motion of a flight vehicle by the method of the separation of motions p 215 A83-20144

**BOSE, E. B.**

Improved g-cueing system p 53 A83-10178

**BOSMAN, D.**

Modern display technologies and applications [AGARD-AR-169] p 310 N83-20758  
Human factors aspects of displays p 610 N83-30415

Image generation on matrix displays p 611 N83-30418

**BOSQUE, M. A.**

Fuel spray diagnostics p 538 N83-29212  
Fuel vaporization effects p 553 N83-29214

**BOSSANYI, E. A.**

Windmill wake turbulence decay A preliminary theoretical model [DE83-008162] p 583 N83-30395

**BOSSLER, R. B., JR.**

Rotorshaft torque meter p 390 A83-30174

**BOTTOMLEY, D.**

Coast Terminal Radar Approach Control Facility (TRACON) refurbishment [DOT/FAA/RD-82/38] p 186 N83-12060

**BOUCEK, G. P., JR.**

Traffic alert and collision avoidance system Developmental simulation [FAA-RD-82-49] p 260 N83-19732

**BOUDREAU, J.**

Technical aspects of the AEROBAC AB-7 p 484 A83-34858

**BOUDREAU, R.**

Light aircraft wing structure optimization [AIAA PAPER 83-2446] p 727 A83-48332  
Aeronautics - A coop aerospace education program at University of Sherbrooke, Canada [AIAA PAPER 83-2474] p 770 A83-48340

Von Mises wing optimization [AIAA PAPER 83-2558] p 729 A83-48377

**BOUDREAU, J. C., III**

Atmospheric effects on ultra high frequency radio propagation [AD-A119581] p 183 N83-14388

**BOUIS, X.**

Progress in wind tunnel test techniques and in the corrections and analysis of the results [ONERA, TP NO 1982-108] p 174 A83-18434

Soon 30 years of testing at Modane - Research continues with precision and efficacy [ONERA, TP NO 1982-131] p 174 A83-19414

**BOULARD, V.**

Transonic Euler simulations by means of finite element explicit schemes [AIAA PAPER 83-1924] p 503 A83-39378

**BOULAY, J. L.**

Laboratory and in flight passive dischargers characterization [ONERA, TP NO 1983-54] p 719 A83-48176

**BOURGEOIS, J. M.**

X-wire sounding in an air inlet at high angle of attack [AAAF PAPER NT 81-15] p 8 A83-11775

**BOURNE, S. M.**

Hovering limit cycles - A man-in-the-loop approach [AIAA PAPER 83-2232] p 621 A83-41710

**BOUSLEY, R. F.**

Microprocessor applications to guidance and control architectures p 236 N83-18297  
Advanced avionics systems for multimission applications, volume 1 [AD-A121793] p 271 N83-19749

Advanced avionics systems for multimission applications, volume 2 [AD-A121794] p 271 N83-19750

**BOUSMAN, W.**

The Integrated Technology and Flight Research Rotor Technology demonstrators for the 1985-1995 timeframe p 677 A83-46928

**BOUTLER, A.**

Adaptation of laser velocimeters to various applications p 218 N83-12410

**BOWDEN, J. N.**

Tests of blending and correlation of distillate fuel properties p 59 A83-11050

**BOWDEN, T. T.**

Emergency fuels technology [AD-A125275] p 471 N83-25904

**BOWDEN, T. T.**

The effect of hydrocarbon structure upon fuel sooting tendency in a turbulent spray diffusion flame [ASME PAPER 83-GT-90] p 755 A83-47937

**BOWDITCH, D. N.**

A survey of inlet/engine distortion compatibility [NASA-TM-83421] p 536 N83-27991

**BOWER, W. W.**

Viscous flowfields induced by three-dimensional lift jets in ground effect [AD-A121026] p 301 N83-19062

**BOWERS, D. L.**

A high speed wind tunnel test evaluation of STOL dedicated advanced exhaust nozzle concepts [AIAA PAPER 83-1225] p 421 A83-36292

Definition of vectored nonaxisymmetric nozzle plumes [AIAA PAPER 83-1290] p 423 A83-36924

**BOWLES, R. L.**

The analysis of integrated fuel efficient, low noise procedures in lax terminal area operations p 202 N83-17459

Motion/visual cueing requirements for vortex encounters during simulated transport visual approach and landing [NASA-TP-2136] p 333 N83-22192

**BOWMAN, W. S.**

On the transonic aerodynamic characteristics of 10 percent thick airfoils with a plain flap [AIAA PAPER 83-0091] p 130 A83-16515

**BOXWELL, D. A.**

A note on the general scaling of helicopter blade-vortex interaction noise [ONERA, TP NO 1982-32] p 221 A83-13375

Full-scale measurements of blade-vortex interaction noise p 482 A83-33505

Full-scale measurements of blade-vortex interaction noise p 435 A83-35947

A note on the general scaling of helicopter blade-vortex interaction noise [AD A118761] p 223 N83-12972

**BOYCE, M. T.**

Challenges for military airlift in the 1990's [AIAA PAPER 83-2437] p 719 A83-48327

**BOYDEN, R. P.**

Dynamic stability characteristics in pitch, yaw, and roll of a supercritical-wing research airplane model [NASA-TM-X-2900] p 4 N83-11023

Magnetic suspension and balance systems, a selected, annotated bibliography [NASA TM-84661] p 549 N83-29273

**BOYEE, W. F.**

Heat transfer on three turbine airfoils [AD-A128762] p 747 N83-34950

**BOYKIN, J. W.**

Characteristics of a fluted nozzle gas eductor system [AD-A128065] p 702 N83-34241

**BOYKIN, R. M., JR.**

Engineering and fabrication cost considerations for cryogenic wind tunnel models p 291 N83-18758

**BOYLE, D.**

Simulation which simulates less p 548 A83-40619

Air-to-air combat in a plastic dome p 548 A83-40620

PAVE PILLAR - A new road to avionics reliability p 723 A83-48643

- BOYTOS, J. F.**  
Compact installation for testing vectored-thrust engines p 218 AB3-22158
- BOZICH, R.**  
Precision navigational filmstrips for use in DOD aircraft [AD-A124761] p 432 AB3-25688
- BRACCO, F. V.**  
Computed and measured turbulence in axisymmetric reciprocating engines p 276 AB3-24669  
Sensitivity of chamber turbulence to intake flows in axisymmetric reciprocating engines p 276 AB3-24677
- BRACON, G.**  
Towards a veritable supervisor program for avionics software p 334 AB3-22116
- BRADDOCK, C. E.**  
Design of an advanced 500-HP helicopter transmission p 277 AB3-24834  
Design of an advanced 500-hp helicopter transmission p 303 AB3-20125
- BRADEN, J. A.**  
Experimental studies of the separating confluent boundary-layer Volume 1 Summary [NASA-CR-3655] p 427 AB3-26822
- BRADEN, R. P.**  
Proceedings Ejector Workshop for Aerospace Applications [AD-A124264] p 395 AB3-24510
- BRADLEY, E.**  
Technology and benefits of aircraft counter rotation propellers [NASA-TM-82983] p 44 AB3-11129
- BRADLEY, P.**  
Tarps test program set / parallel development of avionics and its support capability/ p 54 AB3-10755
- BRADLEY, P. L.**  
Vibration limiting of rotors by feedback control p 187 AB3-15656
- BRADLEY, R. G.**  
Computational aerodynamic design of fighter aircraft Progress and pitfalls [AIAA PAPER 83-2063] p 596 AB3-41903
- BRADSHAW, A.**  
Design of direct digital adaptive flight-mode control systems for high-performance aircraft p 46 AB3-11179  
Design of error-actuated controllers for multivariable plants with unknown dynamics and unmeasurable outputs p 163 AB3-19385  
Microprocessor implementation of fast-sampling direct digital flight-mode controllers p 342 AB3-22096
- BRADSHAW, J. F.**  
Status of NTF models p 291 AB3-18754
- BRADY, F. J.**  
A mathematical model for the doubly fed wound rotor generator [NASA-TM-83454] p 702 AB3-34192
- BRADY, J. B.**  
Strain isolated ceramic coatings [ASME PAPER 83-GT-223] p 762 AB3-48021
- BRADY, J. J.**  
Comparison of the Mode S system to the Automated Radar Terminal System (ARTS) with respect to range and azimuth resolution [AD-A118247] p 27 AB3-11104
- BRADY, W. F.**  
A strategy for buildup to the operational Navstar GPS constellation p 672 AB3-46961
- BRAFF, R.**  
Summary of the FAA's future navigation system mix evaluation, through May 1982 [AD-A119314] p 146 AB3-14099
- BRAGG, M. B.**  
A similarity analysis of the droplet trajectory equation p 212 AB3-13133  
An analytical evaluation of the icing properties of several low and medium speed airfoils [AIAA PAPER 83-0109] p 131 AB3-16525  
Wind tunnel evaluation of air-foil performance using simulated ice shapes [NASA-CR-167960] p 138 AB3-15265
- BRAIN, C.**  
The repaired runway clearance environment p 176 AB3-15290
- BRAINARD, W. E.**  
Full-authority fault-tolerant electronic engine control system for variable cycle engines [AD-A121746] p 359 AB3-21357
- BRAITHWAITE, W.**  
Uniform engine testing program Phase 1 NASA Lewis Research Center participation [NASA-TM-82978] p 163 AB3-14126
- BRAMER, J. R.**  
An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications [AD-A121228] p 215 AB3-17549
- An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications [AD-A125025] p 471 AB3-27034
- BRAMHAM, R. W.**  
Effects of amplitude of oscillation on the wear of dry bearings containing PTFE [ASME PAPER 81-LUB-6] p 64 AB3-11942
- BRANDEAU, G.**  
The application of low-cost demonstrators for advanced fighter technology evaluation [AIAA PAPER 83-1052] p 438 AB3-36462
- BRANDES, D.**  
Feasibility of dry lubrication for limited-duty gas turbine engines [AIAA PAPER 83-1130] p 475 AB3-36405
- BRASLOW, A. L.**  
Aerodynamic evaluation of circulation control propellers [NASA-CR-165748] p 616 AB3-30428
- BRASLOW, E. S.**  
Manufacturer's liability in international aerospace - A view from the United States p 572 AB3-39696
- BRAULT, J. P.**  
A failure diagnosis methodology p 304 AB3-20232
- BRAUN, D.**  
The system ARIS and its employment in the development of future helicopters p 725 AB3-47196  
Design simplification and cost reduction of helicopter tail rotor drive system by use of composites [MBB-UD-348] p 31 AB3-10037  
Development of a passive rotor isolation system for helicopters [BMFT-FB-W-82-026] p 389 AB3-23296
- BRAYBROOK, R.**  
Aircraft design philosophy I - Lee Begin of Northrop p 434 AB3-35624
- BRAYMEN, W. W.**  
Design, analyses, and model tests of an aeroelastically tailored lifting surface p 204 AB3-22155
- BRAZER, A. T.**  
Installation, validation and flight evaluation of the Federal Aviation Administration's head-up display system [NASA-TM-85255] p 610 AB3-30412
- BREAUX, H. J.**  
A critique of the Bell Helicopter Textron COBRA 2.75 inch rocket ballistic algorithm [AD-A123703] p 390 AB3-24502
- BREEMAN, J. H.**  
Results of Beaver aircraft parameter identification [DFVLR-FB-83-10] p 678 AB3-32798
- BREEN, K. R.**  
Effect of moisture on adhesively bonded titanium structures p 222 AB3-20442
- BRENNER, L.**  
Materials in the mirror of aviation criteria p 434 AB3-33952
- BRENTNER, K. S.**  
Theoretical and experimental investigation of supersonic aerodynamic characteristics of a twin-fuselage concept [NASA-TP-2184] p 665 AB3-32776
- BRESNAHAN, D. L.**  
Ejector nozzle test results at simulated flight conditions for an advanced supersonic transport propulsion system [AIAA PAPER 83-1287] p 454 AB3-36323
- BREUGELMANS, F. A. E.**  
Flow in rotating stall cells of a low speed axial flow compressor p 419 AB3-35874
- BREWER, G. D.**  
Fuel for future transport aircraft p 222 AB3-20082  
Is LH2 the high cost option for aircraft fuel p 349 AB3-27215  
Assessment of crash fire hazard of LH sub 2 fueled aircraft [NASA-CR-165525] p 16 AB3-11095
- BRIDGES, E.**  
Radiation characteristics of radial waveguide fed slot arrays of various shapes p 181 AB3-18692
- BRIDLE, J. S.**  
A survey of equipment and research p 701 AB3-34185
- BRIEGER, J. T.**  
Effects of aerodynamic interaction between main and tail rotors on helicopter hover performance and noise [NASA-CR-166477] p 376 AB3-23275
- BRIEHL, D.**  
Application of 3D aerodynamic/combustion model to combustor primary zone study [AIAA PAPER 83-1265] p 454 AB3-36316  
A variable-geometry combustor used to study primary and secondary zone stoichiometry [NASA-TM-83372] p 537 AB3-27995
- BRIEN, M. J.**  
Helicopter noise survey at selected New York City heliports [AD-A129167] p 770 AB3-36849
- BRIENZA, D.**  
Carrier Aircraft Inertial Navigation System /CAINS/ integrated system approach p 254 AB3-24854
- BRIGGS, H. C.**  
Application of multiple objective optimization techniques to finite element model tuning [AIAA 83-1010] p 356 AB3-29796  
Flutter investigation of a repaired T 38 horizontal stabilizer using NASTRAN p 641 AB3-42541  
Finite element model tuning via multiple objective optimization techniques p 641 AB3-42542  
Vector optimization applied to survivability methodology evaluation p 651 AB3-42568  
A new capability for elastic aircraft airloads via NASTRAN p 218 AB3-12464
- BRIGGS, M. M.**  
Augmentation of fighter aircraft lift and STOL capability by blowing outboard from the wing tips [AIAA PAPER 83-0078] p 130 AB3-16507  
Wing-alone aerodynamic characteristics to high angles of attack at subsonic and transonic speeds [AD-A125784] p 504 AB3-27963
- BRIGHT, D. C.**  
A plan for optical oceanography R&D to support MC&G [AD-A126215] p 567 AB3-29955
- BRILEY, R. P.**  
Investigation of limit cycle response of aerodynamic surfaces with structural nonlinearities [AD-A127140] p 584 AB3-31580
- BRINKLEY, J. D.**  
Study of an automatic trajectory following control system [NASA-CR-166121] p 547 AB3-29271
- BRINKLEY, J. W.**  
Vertical impact tests of a modified F/B-111 crew seat to evaluate headrest position and restraint configuration effects [AD-A120255] p 197 AB3-16311
- BRISTER, J. G.**  
Assessment of advanced ejection seat concepts /A progress report/ p 191 AB3-15444  
Performance assessment of a reclined ejection seat p 516 AB3-37879
- BRISTOW, D. R.**  
Subsonic surface panel method for airframe analysis and wing design [AIAA PAPER 83-0341] p 133 AB3-16667  
Aircraft aerodynamic prediction method for V/STOL transition including flow separation [NASA-CR-166467] p 426 AB3-26818  
Subsonic panel method for designing wing surfaces from pressure distribution [NASA-CR-37113] p 528 AB3-29198  
V/STOL fountain force coefficient [AD-A126261] p 528 AB3-29200
- BRITT, P. P.**  
Solid state, 95 GHz tracking radar system p 24 AB3-11918
- BRITT, R. T.**  
Flutter and steady/unsteady aerodynamic characteristics of supercritical and conventional transport wings p 345 AB3-22218
- BRITTAIN, D.**  
Cleaning gas turbine compressors - Some service experience with a wet-wash system p 210 AB3-21350
- BRITTING, K.**  
A technical analysis of rehosting the National Aerospace System software [AD-A118828] p 187 AB3-12069
- BRITTLE, C.**  
Airport and highway noise control, planning and analysis [PB83-153692] p 560 AB3-28290
- BRIVIO, A.**  
Consideration on the fatigue damage of specimens used for composite critical components qualification p 697 AB3-46307
- BROADIE, M.**  
Turbine Engine Fault Detection and Isolation Program Volume 1 Turbine engine performance estimation methods [AD-A119998] p 167 AB3-15311
- BROCK, L. D.**  
System design approaches to integrated controls p 511 AB3-37103
- BROCKETT, W. D.**  
Experimental evaluation of inlet turbulence, wall boundary layer, surface finish, and fillet radius on small axial turbine stage performance [SAE PAPER 821475] p 534 AB3-38001
- BROCKHAUS, R.**  
Integrated flight path control system p 286 AB3-26477

# BROEG, W.

- BROEG, W**  
Airport and highway noise control, planning and analysis  
[PB83-153692] p 560 N83-28290
- BROKOF, U**  
Simple integrated navigation systems  
p 256 A83-24873
- BROMAN, C L**  
Energy efficient engine Core engine bearings, drives and configuration Detailed design report  
[NASA-CR 165376] p 617 N83-30430
- BRONISZ, S E**  
Flight systems safety program  
[DE82-021833] p 413 N83-25529  
Flight systems safety program  
[DE83-001916] p 653 N83-32575
- BROOK, M**  
Observations of optical lightning emissions from above thunderstorms using U-2 aircraft  
p 234 A83-22703
- BROOKER, P**  
Aircraft separation assurance - Systems design  
p 252 A83-23371  
Aircraft separation assurance - Systems design  
p 255 A83-24863
- BROOKS, A**  
Status report - DARPA/NASA convertible turbofan/turboshaft engine program  
[ASME PAPER 83-GT-196] p 743 A83-48000
- BROOKS, C J**  
Water survival 20 years Canadian Forces aircrew experience  
[AD-A125401] p 509 N83-27969
- BROOKS, C W, JR**  
Wind tunnel investigation of longitudinal and lateral-directional stability and control characteristics of a 0.237-scale model of a remotely piloted research vehicle with a thick, high aspect-ratio supercritical wing  
[NASA TM-81790] p 53 N83-11142  
Wind-tunnel investigation of aerodynamic loading on a 0.237 scale model of a remotely piloted research vehicle with a thick, high-aspect-ratio supercritical wing  
[NASA-TM-84614] p 506 N83-29176
- BROOKS, J N**  
All-weather small-deck operations in the U.S. Navy  
[SAE PAPER 821503] p 508 A83-38010
- BROOKS, R B**  
Applications of simulator free to carrier glideslope tracking instruction  
[AD-A118862] p 220 N83-16356
- BROOKS, R E**  
C-141 operations in Bright Star 82  
p 14 A83-12224  
C-141 operations in Operation Bright Star 82  
p 317 A83-29203
- BROOKS, R L**  
Ice sheet surface features in southwestern Greenland from satellite radio altimetry  
[NASA-CR-156887] p 362 N83-22689
- BROOKS, T F**  
Airfoil self noise - Effect of scale  
[AIAA PAPER 83-0785] p 307 A83-25966
- BROSNAN, M J**  
Rigid-body structural mode coupling on a forward swept wing aircraft  
p 594 A83-41046
- BROSSELIN, S**  
ATR 42 will have ultramodern, innovative cockpit, avionics  
p 208 N83-17759
- BROSSIER, R**  
Utilization of the Trident radar system for air navigation, photogrammetry, and geodesy at the National Geographic Institute First results - Ongoing tests  
p 514 A83-40623
- BROTHERHOOD, P**  
An appraisal of rotor blade-tip vortex interaction and wake geometry from flight measurements  
p 194 N83-17488
- BROUSSARD, J R**  
Design, implementation and flight testing of PIF autopilots for general aviation aircraft  
[NASA-CR-3709] p 547 N83-29270
- BROWER, IR W**  
Maintenance aspects of modern avionics  
p 710 A83-47654
- BROUWERS, A P**  
An update on high output lightweight diesel engines for aircraft applications  
[AIAA PAPER 83-1339] p 458 A83-36925
- BROWDER, G B**  
Simulator performance definition by cue synchronization analysis  
[AIAA PAPER 83-1092] p 463 A83-36216
- BROWN, A M**  
DC-9 Super 80 Digital Flight Guidance System integrated system testing  
[SAE PAPER 821364] p 529 A83-37959  
High frequency fatigue of turbine blade material  
[AD-A124585] p 458 N83-25713

- BROWN, D**  
Application of pulse code modulation technology to aircraft dynamics data acquisition  
p 29 A83-10182
- BROWN, D A**  
Sky Hook to help ships launch Harrier  
p 206 A83-13575
- BROWN, D D**  
USAF mobility requirements  
[AIAA PAPER 83-1588] p 429 A83-36954
- BROWN, D L**  
Analysis of the effects of explosive fuel ignition on an aircraft noise suppressor system  
p 43 N83-10247
- BROWN, E N**  
Ice detector evaluation for aircraft hazard warning and undercooled water content measurements  
p 33 A83-10187  
The use of pressure fluctuations on the nose of an aircraft for measuring air motion  
p 566 A83-39118
- BROWN, E R**  
Evaluation of properties of recycled asphalt concrete hot mix  
[AIAA PAPER 83-1599] p 399 A83-33362
- BROWN, G S**  
Evaluation of retroreflective pavement markers for precision and nonprecision runways  
[FAA-CT-82-112] p 220 N83-17558
- BROWN, H**  
Integrated flight and propulsion operating modes for advanced fighter engines  
[ASME PAPER 83-GT-194] p 742 A83-47999
- BROWN, H A**  
Specification of slant wind shear with an offset tower observation system  
p 564 A83-38749  
Analysis and specification of slant wind shear  
[AD-A125883] p 479 N83-26367
- BROWN, J**  
Application of Fourier transform infrared spectroscopy for quality control analysis of epoxy resin prepreps used in helicopter rotor blades  
p 61 N83-11232
- BROWN, J F**  
Prelaunch survivability of Ground Launched Cruise Missile (GLCM) Volume 3 SAVAGE code version 1.0 user's guide  
[AD-A119023] p 155 N83-14113
- BROWN, K W**  
Structural tailoring of engine blades (STAEBL)  
[AIAA 83-0828] p 338 A83-29737
- BROWN, P F**  
Increasing the wear life of gas turbine engine roller bearings  
p 184 N83-15507
- BROWN, P W**  
Natural laminar flow data from full-scale flight and wind-tunnel experiments  
p 422 A83-36409  
A simulation study of the low-speed characteristics of a light twin with an engine-out  
[AIAA PAPER 83-2128] p 626 A83-41951
- BROWN, R**  
A pilot study of human response to general aviation aircraft noise  
[NASA-CR-166053] p 238 N83-18404
- BROWN, S C**  
A flight-test and simulation evaluation of the longitudinal final approach and landing performance of an automatic system for a light wing loading STOL aircraft  
[NASA-TM-84270] p 461 N83-26845
- BROWN, S L**  
Advanced Civil Military Aircraft - Technical feasibility assessment  
[AIAA PAPER 83-1592] p 379 A83-33359
- BROWN, T J**  
Thermal infrared pushbroom imagery acquisition and processing  
p 209 A83-22841
- BROWN, W H**  
Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 1  
[DE82-903116] p 303 N83-20165  
Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 2  
[DE82 903304] p 303 N83-20166
- BROWNING, R G E**  
1983 LTA technology assessment  
[AIAA PAPER 83-1617] p 437 A83-36406
- BROZENA, J M**  
Manne gravity measurement from fixed wing aircraft  
p 696 A83-46111
- BRUCE, R**  
Noise in America Extent of the noise problem  
[PB82-219189] p 69 N83-11629
- BRUGGINK, G M**  
Reflections on the Potomac  
p 667 A83-44876
- BRUNE, J F**  
Improved airborne HF receive antenna An ILIR report  
[AD-A118861] p 182 N83-14369

# PERSONAL AUTHOR INDEX

- BRUNER, H S**  
An improved method for predicting lateral-directional dynamic stability characteristics  
[SAE PAPER 830711] p 626 A83-43321
- BRUNET, A**  
Corona type sensor for aircraft electrical potential measurement  
[ONERA, TP NO 1982 73] p 195 A83-14530
- BRUNNER, D**  
The research aircraft of the Special Research Area 'Flight Control' as scientific test stand  
p 264 A83-26484
- BRUNNER, W**  
Suppression of ice fog from the Fort Wainwright, Alaska, cooling pond  
[AD-A123069] p 409 N83-24073
- BRUNO, F M**  
Manufacturing Methods and Technology (MM&T) specifications for miniature cathode ray tube  
[AD-A127160] p 645 N83-30921
- BRUNO, J W**  
Application of finite element analysis techniques to the derivation of advanced composite structure weight  
[SAWE PAPER 1490] p 644 A83-43757
- BRUTIAN, M A**  
The theory for a flexible slat  
p 495 A83-37810
- BRYANS, A C**  
Three dimensional inviscid computation of an impeller flow  
[ASME PAPER 83-GT-210] p 714 A83-48011
- BRYANSTON-CROSS, P J**  
Optical methods of flow diagnostics in turbomachinery  
p 62 A83-11076  
Three dimensional holographic flow visualization  
p 299 A83-26420
- BRYANT, L A**  
CARE 3 phase 2 report - mathematical description  
[NASA-CR-3566] p 189 N83-14929
- BRUCE, W D**  
Model and full-scale studies of the exhaust noise from a bypass engine in flight  
[AIAA PAPER 83-0751] p 337 A83-28019
- BUBB, K W**  
Vector optimization applied to survivability methodology evaluation  
p 651 A83-42568
- BUBLITZ, P**  
Investigation of unsteady flow problems  
p 180 A83-16897  
Unsteady airloads on oscillating wings in post-stall condition  
p 314 N83-20906
- BUCH, A**  
The comparison of the results of service-spectrum tests with the help of the relative Miner rule  
p 559 A83-40471
- BUCHACKER, E**  
Experience with System Identification From Tracking (SIFT) flight-test-techniques at the German Air Force Flight Test Center  
p 51 N83-10078
- BUCHHELE, D R**  
Particle sizing by measurement of forward-scattered light at two angles  
[NASA-TP-2156] p 395 N83-24509
- BUCHNAM, J N**  
Polarization null characteristics of simple targets  
[AD-A129303] p 765 N83-36312
- BUCK, M L**  
Aerospace technology demonstrators/research and operational options  
[AIAA PAPER 83-1054] p 438 A83-36465
- BUCKANIN, R M**  
Airworthiness and flight characteristics test Part 2 YAH-64 advanced attack helicopter  
[AD-A125270] p 442 N83-25705  
Airworthiness and Flight Characteristics (AFC) test of YAH-64 advanced attack helicopter, Prototype Qualification Test-Government (PQT-G), part 3 and Production Validation Test-Government (PVT-G) for handbook verification  
[AD-A130524] p 734 N83-36025
- BUCKLEY, D H**  
Tribology  
p 215 N83-12167
- BUCKY, R S**  
Estimation of helicopter and target motion for the advanced attack helicopter fire control system  
p 143 A83-18378
- BUELL, D A**  
Laser holographic interferometry for an unsteady airfoil in dynamic stall  
[AIAA PAPER 83-0388] p 179 A83-16688
- BUERS, H**  
Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison of the wing pressure distribution and local wake survey from analytical, wind tunnel and flight results  
p 603 N83-30362



## PERSONAL AUTHOR INDEX

CACERES, R. G.

## BUGGELE, A. E.

- Experimental evaluation of shockless supercritical airfoils in cascade  
[AIAA PAPER 83-0003] p 129 A83-16455  
NASA low-speed centrifugal compressor for fundamental research  
[AIAA PAPER 83-1351] p 464 A83-36353  
NASA low-speed centrifugal compressor for fundamental research  
[NASA-TM-83398] p 424 N83-25662

## BUKEMA, A. L., JR.

- Sublethal effects of JP-4 on *Lepomis macrochirus*  
[AD-A128618] p 758 N83-35163

## BULL, D. A.

- Investigation of the RF properties of carbon fiber composite materials  
[ERA-81-109] p 552 N83-28084

## BULL, E. J.

- The criteria used for assessing acceptable engine handling on UK military aircraft p 540 N83-29244

## BULL, J. O.

- Assessment of advanced ejection seat concepts / A progress report/ p 191 A83-15444

## BULLEN, R. B.

- Time-of-day corrections in measures of aircraft noise exposure p 411 A83-33024

## BULLOCH, C.

- Repairing composite structures p 371 A83-30074

## BUNDAS, D.

- Some experiments on Yaw stability of wind turbines with various coning angles  
[NASA-CR-168108] p 362 N83-22740

## BUNDAS, D. J.

- Flutter and forced response of mistuned rotors using standing wave analysis  
[AIAA 83-0845] p 357 A83-29823

## BUNDICK, W. T.

- Restructurable controls for aircraft  
[AIAA PAPER 83-2255] p 622 A83-41728  
Results from tests, with van-mounted sensor, of magnetic leader cable for aircraft guidance during roll-out and turnoff  
[NASA-TP-2092] p 209 N83-16338  
Restructurable Controls  
[NASA-CP-2277] p 686 N83-33896

## BUNING, P. G.

- Convair 990 transonic flow field simulation about the forward fuselage  
[AIAA PAPER 83-1785] p 496 A83-38626

## BUNK, W.

- Highly stressed materials, with aviation considered as an example p 467 A83-33951  
Status report 1981 on the German BMFT sponsored programme 'Ceramic components for vehicular gas turbines' p 756 A83-48309

## BUNTON, R. W.

- Aeroservoelasticity in the time domain p 687 A83-43965

## BURCHAM, F. W., JR.

- Digital electronic engine control system - F-15 flight test p 162 A83-18406  
Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane  
[AIAA PAPER 83-0537] p 163 A83-19593  
Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane  
[NASA-TM-83088] p 339 N83-22201  
Airstart performance of a digital electronic engine control system in an F-15 airplane  
[NASA-TM-84908] p 339 N83-22203

## BURGESS, A. W.

- A small engine high temperature core research programme  
[ASME PAPER 83-GT-56] p 738 A83-47912

## BURGOYNE, R. E.

- Evaluation of design criterion of the strategic expeditionary landing field  
[AD-A128323] p 633 N83-31614

## BURGSMUELLER, W.

- Experimental investigations of transport aircraft low speed engine interference effects and flight test correlation p 603 N83-30364

## BURIAN, L. C.

- Fuel supply and distribution Fixed base operation p 353 N83-22449

## BURKARDT, L.

- Uniform engine testing program Phase 1 NASA Lewis Research Center participation  
[NASA-TM-82978] p 163 N83-14126

## BURKARDT, L. A.

- Effect of variable guide vanes on the performance of a high-bypass turbofan engine p 274 A83-24028

## BURKE, J. D.

- Sun-powered aircraft designs p 386 A83-32577

## BURKE, M. P.

- Application of a finite difference method to the transonic airfoil problem  
[AD-A124720] p 425 N83-25674

## BURKHALTER, J. E.

- Load distribution on deformed wings in supersonic flow p 6 A83-10180

## BURKHARD, A. H.

- Benefits of mission profile testing p 405 A83-31481

## BURKHARDT, G. L.

- NDE of fastener hole cracks by the electric current perturbation method p 214 A83-15182  
Demonstration and analysis of an improved nondestructive evaluation (NDE) method for rotary wing head spindle threads  
[AD-A128741] p 712 N83-34890

## BURLAMACCHI, P.

- Lidar remote-sensing - Fluorescence and differential reflectance experiments p 704 A83-45420

## BURLEIGH, C. D.

- A combat aircraft availability assessment technique  
[ISBN-0-902937-80-4] p 658 N83-32708

## BURLEY, G. W.

- Propulsion system integration as applied to business jet aircraft  
[ASME PAPER 83-GT-227] p 725 A83-48024

## BURLEY, J. R., II

- Investigation of installation effects of single-engine convergent-divergent nozzles  
[NASA-TP-2078] p 11 N83-11059

## BURMAN, G.

- Fatigue failure under fretting conditions p 224 A83-21481

## BURMAN, Z. I.

- A superelement analysis of stiffened shells p 202 A83-20392

## BURNER, A. W.

- Flow visualization in a cryogenic wind tunnel using holography  
[NASA-TM-84556] p 217 N83-12395  
Image degradation in Langley 0.3-meter transonic cryogenic tunnel  
[NASA-TM-84550] p 219 N83-13419

## BURNETTE, K. T.

- Dot-matrix display light measurement and interpretation techniques p 36 A83-11257  
Light emitting diodes p 611 N83-30419

## BURNHAM, D. C.

- Chicago Monostatic Acoustic Vortex Sensing System Volume 4 Wake vortex decay  
[AD-A120081] p 138 N83-15269

## BURNS, R. R.

- Antenna couplers - The aircraft interface p 17 A83-10738

## BURNS, D. W.

- Structural response due to blade vane interaction  
[ASME PAPER 83-GT-133] p 740 A83-47960

## BURNS, J. A.

- Hereditary models for airfoils in unsteady aerodynamics, numerical approximations and parameter estimation  
[AD A118446] p 179 N83-12050

## BURNSIDE, W. D.

- Near and far field airborne antenna pattern analysis p 143 A83-18645  
Analysis of airborne antenna patterns  
[NASA-CR-169448] p 66 N83-10323

- An algorithm to select element locations of an adaptive array  
[AD-A120486] p 186 N83-15570

- Near field analysis of airborne antenna  
[AD-A127246] p 648 N83-31931

## BURRIN, R. H.

- Noise and flow structure of a tone-excited jet p 221 A83-13136

- Sources of installed turboprop noise  
[AIAA PAPER 83-0744] p 280 A83-25946

- Tone-excited jet. Theory and experiments  
[NASA-CR-3538] p 222 N83-12968

## BURRIS, C. B.

- Computational aerodynamic design methodology  
[AIAA PAPER 83-1865] p 501 A83-38692

## BURROWS, B. J. C.

- Nanosecond resolution of E, H and I in aircraft lightning test ngs p 647 N83-31212

## BURROWS, C. R.

- A modified algorithm for determining structural controllability p 480 A83-36455

## BURROWS, J. W.

- Fuel-optimal aircraft trajectories with fixed arrival times p 191 A83-16115

## BURROWS, L. T.

- Verification testing of a UH-1 Wire Strike Protection System (WSPS)  
[AD-A122220] p 250 N83-19725

- Verification testing of an AH-1S Wire Strike Protection System (WSPS)  
[AD-A123188] p 429 N83-25684

## BURSTADT, P. L.

- Experimental results of a deflected thrust V/STOL nozzle research program  
[AIAA PAPER 83-0170] p 579 A83-42100

- Experimental results of a deflected thrust V/STOL nozzle research program  
[NASA-TM-83069] p 423 N83-25657

## BURWELL, A. E.

- Effectiveness of turbine engine diagnostic systems  
[AIAA PAPER 83-0535] p 161 A83-16773

## BUSCH, D. R.

- Optimizing tail size and wing location within loadability constraints  
[SAWE PAPER 1466] p 602 A83-43740

## BUSCHULTE, W.

- The effect of fuel atomization on soot-free combustion in a prevaporizing combustor p 446 A83-35812

## BUSH, A. J., III

- Nondestructive airfield pavement testing using laser technology  
[AIAA PAPER 83-1601] p 399 A83-33364

## BUSHNELL, D. E.

- Helicopter-borne scatterometer  
[AD-A125798] p 562 N83-29561

## BUSHNELL, D. M.

- Research on non-planar wall geometries for turbulence control and skin-friction reduction p 374 A83-31975

## BUSHNEVA, E. M.

- Monitoring the contamination of jet fuels by corrosion inhibitors p 757 A83-48544

## BUSINESS, K. M.

- Composite design of an advanced airborne monitoring system  
[DE82-006980] p 235 N83-18106

## BUSSING, T. R. A.

- A one dimensional unsteady model of dual mode scramjet operation  
[AIAA PAPER 83-0422] p 161 A83-16705

## BUSTAMANTE, R.

- A novel precise method of measuring the efficiency of arbitrary low-gain antennas p 181 A83-18643

## BUTLER, G. F.

- NASA/RAE collaboration on nonlinear control using the F-8C digital fly-by-wire aircraft  
[NASA-TM-84296] p 396 N83-23316

## BUTOESCU, V.

- Extension of the lifting body theory to evolution on random trajectories at subsonic velocities p 7 A83-10576

## BUTRIMAS, S. K.

- Simulator performance definition by cue synchronization analysis  
[AIAA PAPER 83-1092] p 463 A83-36216

## BUTTERS, W. G.

- Lightning tests on the WC-130 research aircraft  
[AD-A129141] p 722 N83-36014

## BUTTLES, R. F.

- A fighter landing gear for the 1980's p 158 N83-15301

## BUTZEL, L. M.

- Prediction of jet exhaust noise on airframe surfaces during low-speed flight p 198 A83-13160

## BUXBAUM, O.

- Operational loads at nose and main landing gear of an airplane of type Airbus A 300 B2 during normal service of the German Lufthansa  
[BMFT-FB-W-82-010] p 33 N83-11120

- Review of investigations of aeronautical fatigue in the Federal Republic of Germany  
[LBF-S-166] p 703 N83-34387

## BUZZELL, W. A.

- The use of vortex generators as inexpensive compressor casing treatment p 459 N83-26798

## BYRD, J. A.

- Ceramic applications in turbine engines  
[NASA-CR-165494] p 771 N83-37028

## BYRDSOONG, T. A.

- Wind-tunnel investigation of longitudinal and lateral-directional stability and control characteristics of a 0.237-scale model of a remotely piloted research vehicle with a thick, high-aspect-ratio supercritical wing  
[NASA-TM-81790] p 53 N83-11142

- Wind-tunnel investigation of aerodynamic loading on a 0.237-scale model of a remotely piloted research vehicle with a thick, high-aspect-ratio supercritical wing  
[NASA TM-84614] p 506 N83-29176

## C

## CACERES, R. G.

- Software design for the Douglas DC-9 Super 80 digital flight guidance system p 141 A83-17311

# CAGLAYAN, A.

## CAGLAYAN, A.

An optimal control model approach to the design of compensators for simulator delay  
[NASA-CR-3604] p 32 N83-11113

## CAGLAYAN, A. K.

A fault tolerant approach to state estimation and failure detection in nonlinear systems p 568 A83-37121

## CAHILL, J. F.

New considerations on scale extrapolation of wing pressure distributions affected by transonic shock-induced separations  
[NASA-CR-166426] p 608 N83-31597

## CAHN-HIDALGO, G. R. A.

Barriers and possibilities for the use of airships in developing countries  
[AIAA PAPER 83-1974] p 508 A83-38905

## CAI, Y.-Z.

The multilevel substructure and the local analysis of structure p 213 A83-14485

## CAIAFA, C.

Structural response of transport airplanes in crash situations  
[NASA-TM-85654] p 527 N83-27980

## CAIAFA, C. A.

Crash injury protection in survivable air transport accidents United States civil aircraft experience from 1970 through 1978 (incomplete)  
[FAA-CT-82-118] p 381 N83-24489

## CAINE, A.

Recent developments in digital control for helicopter powerplants p 277 A83-24829

## CAINE, P.

Pressure distribution on a simple delta wing p 8 A83-13023

## CAIRNS, J. JR.

Sublethal effects of JP-4 on *Lepomis macrochirus*  
[AD-A128618] p 758 N83-35163

## CALDWELL, L. R.

Aircraft response to operations on rapidly repaired battle damaged runways and taxiways p 31 N83-10270  
Minimum operating strip selection procedure p 175 N83-15285

Proposed specifications for international interoperability on repaired bomb damaged runways p 175 N83-15286

## CALDWELL, M. H.

Material selection for the new-technology commercial transport - The designer's dilemma  
[AIAA PAPER 83-2477] p 758 A83-49583

## CALHOUN, G. L.

Computer generated cockpit engine displays p 269 A83-26309

## CALICCHIO, G.

Air traffic flow control systems - Modelling and evaluation p 258 A83-26602

## CALICO, R. A.

Active suppression of aeroelastic instabilities on a forward swept wing p 341 A83-29869  
Control of forward swept wing aeroelastic instabilities using active feedback systems  
[AIAA PAPER 83-2220] p 621 A83-41701

## CALICO, R. A., JR.

Stability of steady sideslip equilibria for high alpha p 284 A83-24031

## CALISE, A. J.

A variable structure approach to robust control of VTOL aircraft p 544 A83-37145  
Adaptive control of variable flow ducted rockets  
[AIAA PAPER 83-2202] p 595 A83-41688

## CALLAHAN, C. J.

A high speed wind tunnel test evaluation of STOL dedicated advanced exhaust nozzle concepts  
[AIAA PAPER 83-1225] p 421 A83-36292

## CALLANDER, S. M.

Comparison of modern icing cloud instruments  
[NASA-CR-168008] p 270 N83-18720

## CALLAS, G. P.

Design, development, and flight test of a demonstration advanced avionics system  
[NASA-TM-84323] p 270 N83-18721

## CALLEGARI, W. M.

Designed to be stalled p 676 A83-46349

## CALLINAN, R. J.

Analysis of bonded repairs to damaged fibre composite structures p 209 A83-13200  
Analysis and repair of flaws in thick structures p 230 A83-21654

## CALLIZO, L. A.

HIMAT onboard flight computer system architecture and qualification p 529 A83-37061

## CALVO, A. B.

Techniques for system readiness analysis p 70 A83-11155

## CAMANA, P. C.

Integrated CNI avionics maximizes reliability p 63 A83-11089

## CAMARDA, C. J.

Radiant heating tests of several liquid metal heat-pipe sandwich panels  
[NASA-TM-85669] p 702 N83-34226

## CAMBELL, M. E.

Integrated CNI avionics maximizes reliability p 63 A83-11089

## CAMBON, G.

Isothermal gradient heat-pipes space furnace (500 to 1000 deg C) p 633 N83-31659

## CAMP, D. W.

An analysis of spanwise gust gradient data p 565 A83-38762

Summary Proceedings of a Wind Shear Workshop  
[NASA-CP-2270] p 410 N83-25265

Significant events in low-level flow conditions hazardous to aircraft  
[NASA-TM-82522] p 410 N83-25268

Proceedings Sixth Annual Workshop on Meteorological and Environmental Inputs to Aviation Systems  
[NASA-CP-2274] p 658 N83-33827

Low-level gust gradient program and aviation workshop effort p 767 N83-36592

Feasibility study of a procedure to detect and warn of low-level wind shear p 767 N83-36593

Low-level flow conditions hazardous to aircraft p 767 N83-36595

## CAMPBELL, G. S.

Canadian forces tracker aircraft full-scale fatigue test at the National Aeronautical Establishment p 433 A83-33548

A survey of senous aircraft accidents involving fatigue fracture Volume 1 Fixed-wing aircraft  
[NAE-AN-7] p 510 N83-29187

A survey of senous aircraft accidents involving fatigue fracture Volume 2 Rotary-wing aircraft  
[NAE-AN-8] p 510 N83-29188

## CAMPBELL, J. E.

Application of fracture mechanics for selection of metallic structural materials p 295 A83-25317

## CAMPBELL, J. F.

Recent studies at NASA-Langley of vortical flows interacting with neighboring surfaces p 417 A83-33972

## CAMPBELL, R. L.

Design and true Reynolds number 2-D testing of an advanced technology airfoil  
[AIAA PAPER 83-1792] p 496 A83-38632

Aerodynamic design for improved maneuverability by the use of three-dimensional transonic theory  
[AIAA PAPER 83-1859] p 521 A83-38686

Experimental study of wing leading-edge devices for improved maneuver performance of a supercritical maneuvering fighter configuration  
[NASA-TP-2125] p 316 N83-22162

## CAMPBELL, W.

An analysis of spanwise gust gradient data p 565 A83-38762

A conceptual framework for using Doppler radar acquired atmospheric data for flight simulation  
[NASA-TP-2192] p 526 N83-27977

Low-level gust gradient program and aviation workshop effort p 767 N83-36592

## CANDY, J. V.

Electromagnetic test-facility characterization An identification approach  
[DE83-004274] p 360 N83-22498

## CANN, M. W. P.

A powder-injection shock-tube facility p 290 A83-26132

## CAO, M.-H.

Prediction of liquid fuel spray capture by v-gutter downstream of plain orifice injector under uniform cross air-flow  
[AIAA PAPER 83-0153] p 160 A83-16559

Further study on the prediction of liquid fuel spray capture by v-gutter downstream of a plain orifice injector under uniform cross air flow p 473 A83-35810

## CAPLOT, M.

Theoretical and experimental study of helicopter rotor noise  
[ONERA, TP NO 1982-74] p 205 A83-23247

Helicopter noise  
[ONERA, TP NO 1983-80] p 769 A83-48195

## CAPONE, F. J.

Thrust reversing effects on horizontal tail effectiveness of twin-engine fighter aircraft  
[AIAA PAPER 83-0086] p 149 A83-16512

Subsonic/supersonic aeropropulsive characteristics of nonaxisymmetric nozzles installed on an F-18 model p 744 A83-48215

# PERSONAL AUTHOR INDEX

Aeropropulsive characteristics of twin single-expansion-ramp vectored nozzles installed with forward-swept wings and canards p 316 N83-22161

[NASA-TP-2133] p 316 N83-22161

Effects of varying podded nacelle-nozzle installations on transonic aeropropulsive characteristics of a supersonic fighter aircraft  
[NASA-TP-2120] p 427 N83-26821

## CARADONNA, F. X.

Finite difference modeling of rotor flows including wake effects  
[ONERA, TP NO 1982-114] p 243 A83-24326

## CARAVASOS, N.

Damage tolerance and reparability of advanced composite structures p 222 A83-20484

## CARDEN, H. D.

Correlation and assessment of structural airplane crash data with flight parameters at impact  
[NASA-TP-2083] p 183 N83-14521

## CARDENIA, J. F.

New threat simulator /NETS/ a multi-sensor R & D tool for EW development p 56 A83-11238

## CARDULLO, F. M.

Old problem/new solutions - Motion cuing algorithms revisited  
[AIAA PAPER 83-1082] p 480 A83-36223

## CARESTIA, R. A.

Guidance and flight control demonstration in a helicopter flight environment using a laser-gyro inertial navigation system p 322 A83-28779

Performance of a Strapdown Ring Lazer Gyro Tetrad Inertial Navigation System in a helicopter flight environment p 322 A83-28781

Technology research for digital flight control  
[NASA-CR-170194] p 336 N83-22197

## CARGILL, A. M.

Sound propagation through fluctuating flows - Its significance in aeroacoustics  
[AIAA PAPER 83-0697] p 308 A83-26448

## CARGO, D.

Integrally cast low-cost compressor  
[AD-A127663] p 639 N83-31824

## CARHART, H. W.

CB agent threat to atmosphere inside Navy aircraft  
[AD-A127882] p 589 N83-31587

## CARIOU, J.

Corona type sensor for aircraft electrical potential measurement  
[ONERA, TP NO 1982-73] p 195 A83-14530

## CARLIN, C.

Advancing electronic technology impact on integrated propulsion/airframe controls design and development  
[ASME PAPER 83-GT-161] p 725 A83-47985

## CARLIN, C. M.

Inlet, engine, airframe controls integration development for supercruising aircraft p 447 A83-35842

Application of optimal control synthesis to integrated vertical flight path and airspeed control for an advanced fighter  
[AIAA PAPER 83-2560] p 751 A83-49594

Integrated control system concept for high-speed aircraft  
[AIAA PAPER 83-2564] p 751 A83-50074

## CARLOTTO, M.

Electro-optical processor for optimal control p 298 A83-23596

## CARLSON, H. W.

Influence of leading-edge thrust on twisted and cambered wing design for supersonic cruise p 312 A83-29018

## CARLSON, L. A.

New thermal and trajectory model for high-altitude balloons p 386 A83-32579

Combined direct/inverse three-dimensional transonic wing design  
[AD-A129573] p 718 N83-36006

## CARLSTROM, R. A.

The A6E /TRAM/ all-weather weapon system p 24 A83-11260

## CARMASCHI, V.

Anisotropic beam theory and applications p 65 A83-12756

## CARMER, D.

Spatial calibration of a multispectral data base p 209 A83-22882

## CARMICHAEL, R. L.

PAN AIR modeling studies  
[AIAA PAPER 83-1830] p 498 A83-38660

## CARMON, J. L.

For operation of the Computer Software Management and Information Center (COSMIC)  
[NASA-CR-172904] p 569 N83-30060

## CARNELL, A.

Some advances in ground systems for air traffic control p 142 A83-17734

- CARPENTER, C. A.**  
Summary of Federal Aviation Administration responses to National Transportation Safety Board safety recommendations  
[AD-A118692] p 184 N83-12055
- CARPENTER, R. B.**  
Limited artificial and natural icing test of the OV-10 (re-evaluation)  
[AD-A127191] p 606 N83-30410
- CARR, C.**  
Putting the microflight to work p 241 A83-23686
- CARR, L. W.**  
Prediction of boundary-layer characteristics of an oscillating airfoil p 660 A83-48435  
The effect of a leading-edge slot on the dynamic stall of an oscillating airfoil p 716 A83-48368  
An experimental study of dynamic stall on advanced airfoil section. Volume 2. Pressure and force data [NASA-TM-84245-VOL-2] p 179 N83-12048  
Calculation of boundary layers near the stagnation point of an oscillating airfoil [NASA-TM-84305] p 478 N83-27148
- CARRANO, M. J.**  
Increasing the wear life of gas turbine engine roller bearings p 184 N83-15507
- CARRAWAY, N. J.**  
Weight reduction for fuel economy [SAWE PAPER 1469] p 602 A83-43743
- CARRILLO, G.**  
A sensible approach to process control of adhesive bonding p 185 A83-20432
- CARRINGTON, P. J.**  
The management of a large real-time military avionics project p 335 N83-22144
- CARROLL, J. V.**  
Bifurcation and limit cycle analysis of nonlinear systems with an application to aircraft at high angles of attack p 544 A83-37080  
Control law design for ejection seats [AIAA PAPER 83-2204] p 595 A83-41688
- CARSON, G. T., JR.**  
Thrust reversing effects on horizontal tail effectiveness of twin-engine fighter aircraft [AIAA PAPER 83-0086] p 149 A83-16512
- CARTA, F. O.**  
Analysis of unswept and swept wing chordwise pressure data from an oscillating NACA 0012 airfoil experiment. Volume 1. Technical Report [NASA-CR-3567] p 316 N83-22165
- CARTEN, A. S.**  
Tethered aerostat operations in arctic weather [AIAA PAPER 83-1998] p 522 A83-38919
- CARTEN, A. S., JR.**  
The theoretical advantages and practical considerations of gas replenishment techniques in long-duration scientific ballooning [AD-A129841] p 524 A83-39802
- CARTER, C. S.**  
Service history of phosphoric acid anodized aluminum structure p 185 A83-20479
- CARTER, J. E.**  
Analysis of airfoil leading edge separation bubbles [NASA-CR-165935] p 9 N83-10018
- CARTER, P. W.**  
General aviation activity and avionics survey [AD-A124595] p 418 N83-25653
- CARTER, T. J., III**  
Dynamic characteristics of aerial refueling systems [AD-A124770] p 442 N83-26830
- CARTER, V. E.**  
Determination of motion and visual system requirements for flight training simulators [AD-A117555] p 57 N83-11149
- CARTER, W. P. L.**  
High altitude jet fuel photochemistry [AD-A125035] p 471 N83-27035
- CARVALHO, J. F.**  
Air traffic services in Portugal p 325 N83-22182
- CASALINI, F.**  
Flow in rotating stall cells of a low speed axial flow compressor p 419 A83-35874
- CASSENT, D.**  
Electro-optical processor for optimal control p 298 A83-23596
- CASPARI, M.**  
The employment of a miniature calculating device for the determination of the center of gravity p 545 A83-39220
- CASSARINO, S.**  
Coupled rotor/airframe vibration analysis [NASA-CR-3582] p 154 N83-14105
- CASSINO, V.**  
Soft airfield test with F-4 aircraft [AD-A125393] p 548 N83-28008
- CASSMEYER, C. C.**  
Propulsion system simulation technique for scaled wind tunnel model testing p 463 A83-35850
- CASTAGNOLI, F.**  
Lidar system for visibility monitoring p 406 A83-32449
- CASTELLS, O. T.**  
Accelerated Mission Testing of the F110 Engine [AIAA PAPER 83-1235] p 453 A83-36298
- CASTLE, B.**  
Evaluation of Precision Approach Path Indicator (PAPI) [FAA-CT-82-153] p 383 N83-24495
- CASTLE, C. B.**  
Crash tests of three identical low-wing single-engine airplane [NASA-TP-2190] p 720 N83-34921
- CASTOR, J. G.**  
Compound cycle turbofan engine [AIAA PAPER 83-1338] p 455 A83-36348
- CATON, W. M.**  
Fiber optics for electro-magnetic pulse (EMP) simulators p 218 A83-22495
- CAUGHEY, D. A.**  
Recent experiences with three-dimensional transonic potential flow calculations [NASA-TM-78733] p 12 N83-11072
- CAVAJE, W.**  
Light aircraft piston engine carburetor ice detector/warning device sensitivity/effectiveness [AD-A117745] p 38 N83-10041  
Engine performance comparison associated with carburetor icing during aviation grade fuel and automotive grade fuel operation [DOT/FAA/CT-82/110] p 618 N83-31604
- CAVALIERI, D. J.**  
MIZEX-WEST NASA CV-990 flight report [NASA-TM-85020] p 409 N83-23670
- CAVALLINI, G.**  
The fatigue crack growth under variable amplitude loading in built-up structures [AD-A119764] p 187 N83-15676
- CAVIN, J.**  
Single chip Bus Interface Unit eases MIL-STD-1553B remote terminal/bus controller designs p 63 A83-11185
- CAZIER, F. W., JR.**  
Flutter clearance of the horizontal tail of the Bellanca Skyrocket II airplane [NASA-TM-84528] p 31 N83-10035  
Flutter and steady/unsteady aerodynamic characteristics of supercritical and conventional transport wings p 345 N83-22218
- CEA, R. A.**  
Fighter engine cycle selection [AIAA PAPER 83-1300] p 457 A83-36412
- CEBECI, T.**  
Prediction of boundary-layer characteristics of an oscillating airfoil p 660 A83-48435  
Calculation of boundary layers near the stagnation point of an oscillating airfoil [NASA-TM-84305] p 478 N83-27148
- CECCHI, G.**  
Lidar remote-sensing - Fluorescence and differential reflectance experiments p 704 A83-45420
- CELIER, A.**  
A method for the numerical simulation of an aircraft undercarriage system p 176 N83-15295
- CELIKBUZAK, H.**  
Vibration analysis of radial compressor impellers [ASME PAPER 83-GT-156] p 761 A83-47982
- CENKO, A.**  
A new approach to weapon separation aerodynamics p 177 A83-13164  
PAN AIR applications to complex configurations [AIAA PAPER 83-0007] p 129 A83-18459  
Advances in methods for predicting store aerodynamic characteristics in proximity to an aircraft [AIAA PAPER 83-0268] p 133 A83-16622  
PAN AIR applications to complex configurations p 716 A83-48221
- CERIOTTI, A.**  
First results for the definition of a general rotorcraft dynamic program p 236 N83-17483
- CERMAK, J. E.**  
Wind-tunnel research of flowfields within naturally ventilated rooms of simple geometry [DE83-008110] p 644 N83-30813
- CERNANSKY, N. P.**  
Pollutant formation in monodisperse fuel spray combustion p 538 N83-29213
- CERRO, J. A.**  
An analytical comparison of two wing structures for Mach 5 cruise airplanes [AIAA 83-0974] p 329 A83-29806
- CETRON, M. J.**  
Evaluation of technology assessments and development of evaluation protocols, project report [PB82-197393] p 224 N83-13027  
Evaluation of technology assessments and development of evaluation protocols [PB82-197385] p 224 N83-13028
- CHACKSFIELD, J. E.**  
Future aircraft development for commuter and third-level operations [AIAA PAPER 83-2464] p 727 A83-48338
- CHADWICK, R. B.**  
Radar detection of wingtip vortices p 501 A83-38748
- CHAFE, R. E.**  
Energy conservation in air transportation - The Canadian Air Traffic Control Effort p 318 A83-29393
- CHAFFEE, D. R.**  
Tactical aircraft engine usage - A statistical study p 274 A83-24033  
Analysis of engine usage data for tactical systems [AIAA PAPER 81-1370] p 337 A83-29011
- CHAFFIN, D. E.**  
Development and evaluation of advanced air-to-air missile fire control algorithms and displays p 21 A83-11191
- CHAHINE, G. L.**  
Self resonating pulsed water jets for aircraft coating removal. Feasibility study [AD-A119114] p 218 N83-13292
- CHAI, H.**  
Observation of damage growth in compressively loaded laminates p 692 A83-46810
- CHAI, R.**  
Airport community soundproofing and relocation study [PB82-259144] p 220 N83-16358
- CHAIT, A.**  
Heat transfer on three turbine airfoils [AD-A128762] p 747 N83-34950
- CHAKRAVARTHY, S. R.**  
Bending effects on structural dynamic instabilities of transonic wings [AIAA 83-0920] p 358 A83-29887
- CHAKRAVARTY, A.**  
4-D fuel-optimal guidance in the presence of winds [AIAA PAPER 83-2242] p 592 A83-41719
- CHAKRAVARTY, A. J. M.**  
Development of 4-D time-controlled guidance laws using singular perturbation methodology p 512 A83-37149
- CHALK, C. R.**  
Excessive roll damping can cause roll ratchet p 395 A83-30171  
In-flight investigation of large airplane flying qualities for approach and landing [AD-A120202] p 206 N83-16332  
Application of Calspan pitch rate control system to the Space Shuttle for approach and landing [NASA-CR-170402] p 397 N83-24513
- CHALLITA, A.**  
A model for prediction bird and ice impact loads on structures [AD-A119408] p 184 N83-14543
- CHALMERS, N. G.**  
The design of a packet switched network for aeronautical data interchange p 185 A83-14862
- CHAMBERLAIN, J. P.**  
Possible effects of citizens band radio transmissions on service airborne radio nav aids [RAE-TM-RAD-NAV-197] p 560 N83-28291
- CHAMBERLIN, R.**  
Scale model performance test investigation of mixed flow exhaust systems for an energy efficient engine /E3/ propulsion system [AIAA PAPER 83-0541] p 161 A83-16776
- CHAMBERS, W. S.**  
AOI displays in simulation p 197 A83-16337
- CHAMBLEE, C. E.**  
Effectiveness of turbine engine diagnostic systems [AIAA PAPER 83-0535] p 161 A83-16773
- CHAMIS, C. C.**  
Structural tailoring of engine blades (STAEBL) [AIAA 83-0828] p 338 A83-29737  
Design concepts for low cost composite engine frames [AIAA PAPER 83-2445] p 745 A83-48331  
Large displacements and stability analysis of nonlinear propeller structures p 218 N83-12460
- CHAMPNISS, G. A.**  
Air traffic management - The impact at the airport p 142 A83-17728
- CHAN, A.**  
High accuracy fuel flowmeter, phase 1 [NASA-CR-167893] p 359 N83-21314
- CHAN, S. Y. T.**  
Cold-setting adhesives for repair purposes using various surface preparation methods p 210 A83-15874

- CHAN, Y. T.**  
A discrete tracking control law for nonlinear plants  
p 286 A83-26503
- CHAN, Y. Y.**  
Wall boundary-layer effects in transonic wind tunnels  
p 348 N83-20964
- CHANANI, G. R.**  
A quality control test to determine the propensity for Lueders lines formation in 2024-T3  
p 634 A83-41025
- CHANANI, J. P.**  
Manufacturing methods for composite graphite hole generation  
[SAE PAPER 821418]  
p 557 A83-37976
- CHANCE, S.**  
A technique for predicting antenna-to-antenna isolation and electromagnetic compatibility for aircraft  
p 22 A83-11235
- CHANDLER, B.**  
Government financial support for civil aircraft research, technology and development in four European countries and the United States  
[NASA-CR-169537]  
p 225 N83-14022
- CHANDLER, C. L.**  
Operational aspects of Delta air lines meteorological department  
p 564 A83-38746
- CHANDLER, G. I.**  
Design of the CTX diagnostics screen room  
[DE82-002320]  
p 176 N83-15321
- CHANDLER, P. R.**  
An experiment in assessment of flight control software development techniques  
p 71 A83-11177
- CHANDLER, R. F.**  
Crash injury protection in survivable air transport accidents United States civil aircraft experience from 1970 through 1978 (incomplete)  
[FAA-CT-82-118]  
p 381 N83-24489
- CHANDRASEKARAN, B.**  
Method for calculating effects of a propfan on aircraft aerodynamics at subsonic speeds  
[AIAA PAPER 83-1216]  
p 420 A83-36287
- CHANG, H.-P.**  
Influence of multidroplet size distribution on icing collection efficiency  
[AIAA PAPER 83-0110]  
p 188 A83-16526
- CHANG, J. B.**  
An improved methodology for predicting random spectrum load interaction effects on fatigue crack growth  
p 224 A83-21802  
Improved damage-tolerance analysis methodology  
[AIAA 83-0863]  
p 355 A83-29751  
Improved methods for predicting spectrum loading effects Volume 1 Technical summary  
[AD-A118295]  
p 68 N83-11521  
Improved methods for predicting spectrum loading effects Volume 1 Technical summary  
[AD-A118856]  
p 193 N83-12077  
Improved methods for predicting spectrum loading effects Volume 2 Test data  
[AD-A118857]  
p 193 N83-12078  
A users manual for a detailed level fatigue crack growth analysis computer code Volume 1 The CRKGRO program  
[AD-A118968]  
p 184 N83-14530  
A user's manual for a computer program to predict fatigue crack growth on flight-by-flight basis (FLTGRO)  
[AD-A118965]  
p 184 N83-14531  
Revised Structural Technology Evaluation Program (STEP) user's manual for structural synthesis  
[AD-A118964]  
p 184 N83-14532
- CHANG, J. C. H.**  
Active vibration control of large flexible structures  
p 644 N83-30729
- CHANG, L. K.**  
An analytical and experimental comparison of the flow field of an advanced swept turboprop  
[NASA-TM-83037]  
p 128 N83-14061
- CHANG, L.-K.**  
An analytical and experimental comparison of the flow field of an advanced swept turboprop  
[AIAA PAPER 83-0189]  
p 189 A83-21080
- CHANG, S. L.**  
Erosion-corrosion of coatings and superalloys in high velocity hot gases  
p 757 A83-49481
- CHANG, Y.-Z.**  
Experimental research of the mechanism of flame stabilization in two phase mixture  
p 469 A83-35822
- CHANGLIN, W.**  
Calculation of the lift distribution and aerodynamic derivatives of quasi-static elastic aircraft  
p 10 N83-11036
- CHAO, D. C.**  
Calculation of wing response to gusts and blast waves with vortex lift effect  
[NASA-CR-170340]  
p 408 N83-24796
- CHAO, D. F.**  
Numerical simulation of electrothermal de-icing systems  
[AIAA PAPER 83-0114]  
p 428 A83-36043
- CHAPEL, W.**  
ARTS 2A design analysis  
[FAA-RD-82-54]  
p 187 N83-12064
- CHAPLIN, R. J.**  
The application of gyroscopes in remotely piloted vehicles  
p 609 A83-43708
- CHAPMAN, A. J., III**  
Ground test experience with large composite structures for commercial transports  
[NASA-TM-84627]  
p 564 N83-29732
- CHAPMAN, G. C.**  
Statistical summary Study to determine the IFR operational profile of the general aviation single pilot  
[NASA-CR-165805]  
p 198 N83-17523  
A summary and integration of research concerning single pilot IFR operational problems  
[NASA-CR-3716]  
p 668 N83-32783
- CHAPMAN, R. P.**  
Pilot fatigue - A deadly cover-up  
p 248 A83-24901
- CHARNLEY, J.**  
Aeronautical research - Some current influences and trends /The Second Sir Fredenck Page Lecture/  
p 3 A83-12851
- CHARPIN, F.**  
Weather hazard simulation in the Modane wind-tunnels  
[NASA-TM-77069]  
p 631 N83-30438
- CHARRON, L. G.**  
Timing a LORAN-C chain  
p 24 A83-12225
- CHASTEEN, L.**  
Advanced terrain following radar for LANTIRN  
p 23 A83-11241
- CHATURVEDI, S. K.**  
Study of highly sweptback wings by the free vortex sheet method  
[NASA-CR-169559]  
p 181 N83-13076
- CHAUDHURI, S. N.**  
Computation of transonic flow field over Wing-Body-Pylon-Store combinations  
[AIAA PAPER 83-1852]  
p 500 A83-38680
- CHAUMET, B.**  
Viscous effects on a swept wing in transonic flow  
[AIAA PAPER 83-1804]  
p 497 A83-38638
- CHAUSSEE, D. S.**  
Convair 990 transonic flow-field simulation about the forward fuselage  
[AIAA PAPER 83-1785]  
p 496 A83-38626
- CHEESEMAN, I. C.**  
A study of helicopter rotor noise, with special reference to tail rotors, using an acoustic wind tunnel  
p 367 A83-29403  
Universities - Have they a role in aeronautical research? Noise research  
p 652 A83-42617
- CHELLMAN, D. J.**  
Development of powder metallurgy Al alloys for high temperature aircraft structural applications, phase 2  
[NASA-CR-165965]  
p 296 N83-18894
- CHEN, A. W.**  
PAN AIR applications to aero-propulsion integration  
[AIAA PAPER 83-1368]  
p 421 A83-36364
- CHEN, F.**  
The prediction of performance of turbojet engine with distorted inlet flow and its experimental studies  
p 446 A83-35832
- CHEN, F.-J.**  
Free stream noise and transition measurements in a Mach 3.5 pilot quiet tunnel  
[AIAA PAPER 83-0042]  
p 171 A83-16482
- CHEN, G.**  
Application of laser holographic interferometry to vibration analysis of aircraft beam structure model  
p 300 A83-26765
- CHEN, H. C.**  
Flow simulations for general nacelle configurations using Euler equations  
[AIAA PAPER 83-0539]  
p 134 A83-16775  
Inviscid drag calculations for transonic flows  
[AIAA PAPER 83-1928]  
p 503 A83-39380
- CHEN, H.-C.**  
A generalized stage-state method for centralized fault tolerant flight control system  
[AIAA PAPER 83-2301]  
p 650 A83-41759
- CHEN, J.-B.**  
The multilevel substructure and the local analysis of structure  
p 213 A83-14485
- CHEN, K.**  
Analysis and modeling of information handling tasks in supervisory control of advanced aircraft  
[AD-A119067]  
p 205 N83-13116
- CHEN, L. T.**  
A more accurate transonic computational method for wing-body configurations  
p 375 A83-32982
- Higher-order computational methods for transonic wing/body flowfields  
[AD-A124079]  
p 426 N83-25679
- CHEN, N. K.**  
Effect of oxygen addition on ignition of aero-gas turbine at simulated altitude facility  
p 39 A83-10660
- CHEN, R. T. N.**  
A summary of NASA/FAA experiments concerning helicopter IFR airworthiness criteria  
p 584 A83-41079  
A mathematical model of a single main rotor helicopter for piloted simulation  
[NASA-TM-84281]  
p 48 N83-10051  
Efficient algorithms for computing trim and small-disturbance equations of motion of aircraft coordinated and uncoordinated, steady, steep turns  
[NASA-TM-84324]  
p 343 N83-22205
- CHEN, S. Y.**  
Stability of two-bladed aeroelastic rotors on flexible supports  
p 152 A83-18387
- CHEN, S.-H.**  
Unsteady Kutta condition of a plunging airfoil  
p 661 A83-46438
- CHEN, T.**  
Study on longitudinal dynamic characteristics of pilot-airplane system - Approach to the method for studying PIO problem  
p 287 A83-26762
- CHEN, Y.**  
On-line certification for ATE systems  
p 1 A83-10785  
Calculation of three-dimensional turbulent boundary layer on an infinite swept wing  
p 659 A83-44555
- CHEN, Y. S.**  
Literature search of publications concerning the prediction of dynamic inlet flow distortion and related topics  
[NASA-CR-3673]  
p 282 N83-18729
- CHEN, Z. L.**  
Jet wing vortex lattice theory with nonlinear wake and tip flows  
[AIAA PAPER 83-0263]  
p 133 A83-16619  
Investigations on the effects of discrete wingtip jets  
[AIAA PAPER 83-0546]  
p 134 A83-16781
- CHENG, D. Y.**  
Noise suppressor for turbo fan jet engines  
[NASA-CASE-ARC-10812-1]  
p 685 N83-33884
- CHENG, H. K.**  
Lunate-tail swimming propulsion as a problem of curved lifting line in unsteady flow 1 Asymptotic theory  
[USCAE-139]  
p 561 N83-28377
- CHENG, J.**  
Unsteady aerodynamic forces and flutter analysis for a wing-aileron-tab configuration  
p 643 A83-43688
- CHENG, P.**  
Effects of compressor hub treatment on stator stall margin and performance  
[AIAA PAPER 83-1352]  
p 475 A83-36354
- CHENG-GONG, L.**  
Success of dye forging titanium discs on a gunpowder hammer  
p 60 N83-11053
- CHENUT-MARTIN, S.**  
DLAO A support system for defining avionics software  
p 335 N83-22119
- CHERN, J.-S.**  
Maximum endurance and maximum penetration trajectories for horizontal gliding flight  
[AIAA PAPER 83-0283]  
p 150 A83-16628
- CHERNIKOV, S. K.**  
On the critical speed of empennage flutter with allowance for the rudder  
p 340 A83-29286
- CHESTNUT, D.**  
Flight effects on fan noise with static and wind tunnel companions  
[AIAA PAPER 83-0678]  
p 279 A83-25910  
Flight effects of fan noise  
[NASA-CP-2242]  
p 73 N83-10883
- CHETTA, G. E.**  
Eccentric end wear in cylindrical roller bearings can be predicted and prevented  
[AIAA PAPER 83-1132]  
p 474 A83-36237
- CHEVAGIN, A. F.**  
Numerical calculation of the separation and connection of two-dimensional supersonic flows in channels with discontinuous boundaries  
p 212 A83-22658
- CHEVALIER, P.**  
A preliminary study of annular diffusers with constant diameter outer walls (suitable for turbine exits)  
[ASME PAPER 83-GT-218]  
p 744 A83-48018
- CHEVALLIER, J. P.**  
The impact of data processing on wind tunnel testing  
[ONERA, TP NO 1982-92]  
p 173 A83-18429  
Survey of the ONERA activities on the adaptive wall applications and computation of residual corrections  
[ONERA, TP NO 1983-11]  
p 464 A83-36421  
Use of adaptive walls in 2D tests  
p 349 N83-20970

- CHEVIS, R. W.**  
A family of small low cost gas turbines for unmanned vehicle systems p 615 A83-42616
- CHIARELLI, C.**  
Wind tunnel evaluation of tactical aircraft stability and control as affected by nozzle thrust reverser parameter variations [AIAA PAPER 83-1228] p 545 A83-39103
- CHIARINI, F.**  
A new technique for the precision DME of microwave landing system p 186 A83-16448  
An overview of a new integrated system for communication, navigation, and identification - The Joint Tactical Information Distribution System p 590 A83-41310
- CHIEN, R. T.**  
An expert distributed robotics system with comprehension and learning abilities in the aircraft flight domain [AD-A127739] p 652 N83-32401
- CHIESA, S.**  
Conceptual design of transport aircraft p 731 A83-49475
- CHIGNELL, R. J.**  
A novel precise method of measuring the efficiency of arbitrary low-gain antennas p 181 A83-18643
- CHIH-YA, T.**  
An experiment to improve the surge margin by use of cascade with splitter blades p 283 N83-18956
- CHILDS, C. B.**  
Flutter and steady/unsteady aerodynamic characteristics of supercritical and conventional transport wings p 345 N83-22218
- CHILDS, D. W.**  
Finite-length solutions for rotodynamic coefficients of turbulent annular seals [ASME PAPER 82-LUB-42] p 212 A83-13521  
Definition of forces on turbomachinery rotors Task B report Dynamic analysis of rotors [NASA-CR-170763] p 395 N83-24507
- CHILDS, J. M.**  
Evaluating the use of electronic flight instrument systems in general aviation aircraft [AD-A118604] p 198 N83-12083
- CHIN, B.**  
High accuracy fuel flowmeter, phase 1 [NASA-CR-167893] p 359 N83-21314
- CHIN, H.**  
Design, fabrication and test of a composite elevator p 695 A83-44046
- CHIN, J. S.**  
Effect of oxygen addition on ignition of aero-gas turbine at simulated altitude facility p 39 A83-10660  
Further studies on the prediction of spray evaporation rates p 468 A83-35811
- CHIN, J.-S.**  
Prediction of liquid fuel spray capture by v-gutter downstream of plain orifice injector under uniform cross air-flow [AIAA PAPER 83-0153] p 160 A83-16559  
Further study on the prediction of liquid fuel spray capture by v-gutter downstream of a plain orifice injector under uniform cross air flow p 473 A83-35810
- CHIN, W. C.**  
An axisymmetric nacelle and turboprop inlet analysis including power simulation p 375 A83-32584  
Engine power simulation for transonic flow-through nacelles p 660 A83-45594
- CHING, F. Y.**  
Testing of antimisting kerosene in the DC-10/KC-10 fuel system simulator [SAE PAPER 821485] p 550 A83-38004  
Compatibility study of antimisting kerosene and the DC/KC-10 fuel system [FAA-CT-82-116] p 404 N83-23466
- CHINITZ, W.**  
An assessment of global and quasi-global models of hydrocarbon and hydrogen combustion kinetics for reacting flow-field calculations p 686 N83-33890
- CHINN, J.**  
Determination of the dynamic environment of the F/FB-111 tail pod assembly p 606 N83-30716
- CHIPMAN, R.**  
Divergence suppression system for a forward swept wing configuration with wing-mounted stores [AIAA PAPER 83-2125] p 625 A83-41949
- CHIUJDEA, V.**  
Determination of the theoretical profile of the electrode tool in the electrochemical processing of parts of complex shape p 407 A83-32967
- CHIVERS, J. W. H.**  
Strain gauges used for torque measurement in a gas turbine environment [PNR-90111] p 68 N83-11484  
Blade pressure measurements p 216 N83-12275
- CHLEBOUN, P. V.**  
A study of transverse turbulent jets in a cross flow p 42 A83-13100
- CHMURA, L. J.**  
The A-7E software requirements document. Three years of change data [AD-A121602] p 237 N83-18322
- CHOPRA, I.**  
Dynamic analysis of constant-lift and free-tip rotors p 181 A83-18386  
Aeroelastic stability of an elastic circulation control rotor blade in hover [AIAA PAPER 83-0985] p 387 A83-32785
- CHORLEY, R. A.**  
Airborne electronic colour displays p 198 A83-16133
- CHOU, R.**  
Computer control and activation of six-degree-of-freedom simulator [AD-A126126] p 549 N83-28010
- CHOU, S.-T.**  
Comparison of broadband noise mechanisms, analyses, and experiments on helicopters, propellers, and wind turbines [AIAA PAPER 83-0690] p 365 A83-28009
- CHOUDHURY, R.**  
Abstracts 1982 AFOSR Contractors Meeting on Air Breathing Combustion Dynamics Research [AD-A121647] p 351 N83-21062
- CHOVIL, D. V.**  
Advanced composite elevator for Boeing 727 aircraft, volume 2 [NASA-CR-159258] p 205 N83-16330
- CHOW, C.-Y.**  
Apparent-mass coefficients for isosceles triangles and cross sections formed by two circles p 675 A83-43973
- CHRISINGER, L. E.**  
A new capability for elastic aircraft airloads via NASTRAN p 218 N83-12464
- CHRISTIAN, H. J.**  
Observations of optical lightning emissions from above thunderstorms using U-2 aircraft p 234 A83-22703
- CHRISTIAN, T. F., JR.**  
Enhanced aircraft structural maintenance using organic depot damage tolerance analysis [AIAA PAPER 83-2450] p 710 A83-48333
- CHRISTIAN, T. JR.**  
Depot level reparability, maintainability, and supportability of advanced composites [AIAA PAPER 83-2516] p 728 A83-48360
- CHRISTIANSEN, H. J.**  
Offshore helicopter operations - Gulf of Mexico [SAE PAPER 821368] p 507 A83-37960
- CHRISTOPHE, J.**  
New transformations of S4 Modane hypersonic wind tunnel for ramjet missiles tests [ONERA, TP NO 1983-24] p 464 A83-36433  
The ONERA wind tunnels at MODANE Centre and at LE FAUGA Centre and their utilization in subsonic range [ONERA, TP NO 1983-28] p 689 A83-44307
- CHU, C.-W.**  
A new ejector concept for V/STOL aircraft [AIAA PAPER 83-2514] p 745 A83-48358
- CHU, D. W.**  
A study of atmospheric flow in the wake of a large structure p 567 N83-28788
- CHU, T.**  
Near and far field airborne antenna pattern analysis p 143 A83-18645
- CHU, Y. Y.**  
Analysis and modeling of information handling tasks in supervisory control of advanced aircraft [AD-A119067] p 205 N83-13116
- CHUDAREV, P. F.**  
Aircraft production technology (2nd revised and enlarged edition) p 415 A83-38443
- CHUGUNOV, O. D.**  
An algorithm of flight simulation on a dynamic stand of support type p 462 A83-34429
- CHUMACHENKO, V. G.**  
Increasing the combustion efficiency of fuel in an air-heating chamber operating on a prevaporized fuel p 614 A83-42151
- CHUN, R. K.**  
ARINC 429 digital data communications for commercial aircraft p 253 A83-24435
- CHUNG, J. C.**  
Constrained eigenvalue/eigenvector assignment - Application to flight control systems p 215 A83-21006
- CHUNXIA, Z.**  
Experimental study on discharge and loss coefficients of combustor swirlers p 43 N83-11042
- CHUNYI, L.**  
Development of double-rotor supercharged turbojet engines in the USSR as seen from models R11 to R29 p 43 N83-11050
- CHURKIN, V. M.**  
The motion dynamics of parachute systems p 422 A83-36450
- CHYLA, A.**  
Mathematical models of the acoustic properties of propellers p 458 A83-36792
- CHYU, W. J.**  
Nonlinear aerodynamic modeling of flap oscillations in transonic flow - A numerical validation [AIAA PAPER 81-0073] p 178 A83-15290
- CIAS, B.**  
Attempt to determine the power demand of a helicopter control system on the basis of flight tests p 45 A83-10439
- CICCHINELLI, L. F.**  
Relative cost and training effectiveness of the 6883 F-111 converter/light control system simulators as compared to actual equipment [AD-A123534] p 402 N83-24523
- CICCOLANI, L. S.**  
A Kalman filter algorithm for terminal-area navigation with sensors of moderate accuracy p 670 A83-45460  
Development and evaluation of a Kalman-filter algorithm for terminal area navigation using sensors of moderate accuracy [NASA-TP-2035] p 515 N83-29193
- CIMA, R.**  
Assessment of crash fire hazard of LH sub 2 fueled aircraft [NASA-CR-165525] p 16 N83-11095
- CIMERA, R. F.**  
CONEX gyroscope p 354 A83-28782
- CIMORELLI, S. A.**  
Institute of environmental sciences aircraft engine combustor casing life simulation for increased reliability p 391 A83-31493
- CIRRITO, V.**  
Thermal design of integrated avionic racks for aircraft [SAE PAPER 820871] p 263 A83-25770
- CIULLA, M.**  
Application of Fourier transform infrared spectroscopy for quality control analysis of epoxy resin prepgs used in helicopter rotor blades p 61 N83-11232
- CIVINSKAS, K. C.**  
Effects of interstage diffuser flow distortion on the performance of a 15 41-centimeter tip diameter axial power turbine [NASA-TM-83359] p 394 N83-24505
- CLAMONS, J. D.**  
Manne gravity measurement from fixed wing aircraft p 696 A83-46111
- CLAPP, G. W. J.**  
Composites in ground test services [BAE-KGT-N-GEN-00999] p 638 N83-31729
- CLARK, A. S.**  
The 'Flying Peanut' - Revolutionary design promises high performance p 192 A83-16400  
Canadian rotary wing R P V technology development II p 601 A83-43706
- CLARK, B. A. J.**  
Hazards of colour coding in visual approach slope indicators [ARL/REPT-25] p 186 N83-12057
- CLARK, C.**  
Analysis and modeling of information handling tasks in supervisory control of advanced aircraft [AD-A119067] p 205 N83-13116
- CLARK, J. A.**  
Measured and predicted soot profiles in a gas turbine combustor p 41 A83-12077
- CLARK, J. W., JR.**  
Status of VTOL and VSTOL flying qualities criteria development. Where are we and where are we going? p 49 N83-10056
- CLARK, R.**  
Operational and technical evaluation of the full digital Automated Radar Terminal Systems (ARTS) Display (FDAD) [AD-A122269] p 324 N83-20930
- CLARK, S. K.**  
Recent aircraft tire thermal studies [SAE PAPER 821392] p 517 A83-37968
- CLARK, W. J. R.**  
The status of LLTV for avionic applications p 735 N83-34892
- CLARY, G. R.**  
Simulation of a weather radar display for over water airborne radar approaches [NASA-TM-84315] p 311 N83-22091
- CLAUS, R. W.**  
Analytical calculation of a single jet in cross-flow and comparison with experiment p 538 N83-29219

- Parametric study of flame radiation characteristics of a tubular-can combustor  
[NASA-TM-83436] p 539 N83-29237
- CLAUSS, R. W.**  
Analytical calculation of a single jet in crossflow and comparison with experiment  
[NASA-TM-83027] p 163 N83-14127
- CLEMENT, T. M.**  
An analysis of airline landing flare data based on flight and training simulator measurements  
[NASA-CR-166404] p 47 N83-10047
- CLEMENT, W. F.**  
Determination of motion and visual system requirements for flight training simulators  
[AD-A117555] p 57 N83-11149  
Analysis of pilot control strategy  
[NASA-CR-170399] p 344 N83-22212
- CLEMENTS, P. C.**  
Interface specifications for the A-7E shared services module  
[AD-A118897] p 189 N83-14954
- CLEMMONS, D. R.**  
The impact of three-dimensional analysis on fan design  
[ASME PAPER 83-GT-136] p 740 A83-47963
- CLEVELAND, W. B.**  
Helicopter simulation validation using flight data  
[NASA-TM-84291] p 204 N83-13112  
Helicopter simulation validation using flight data  
p 631 N83-30372
- CLEVENSON, S. A.**  
Operational military helicopter interior noise and vibration measurements with comparisons to ride quality criteria  
[AIAA PAPER 83-2526] p 728 A83-48364  
Interior noise and vibration measurements on operational military helicopters and comparisons with various ride quality criteria  
[NASA-TM-84664] p 653 N83-32518
- CLIFF, E. M.**  
Altitude transitions in energy climbs  
p 287 A83-26604  
Optimal symmetric flight with an intermediate vehicle model  
[AIAA PAPER 83-2238] p 596 A83-41715  
Energy state revisited  
[AIAA PAPER 83-2138] p 598 A83-41960  
Hereditary models for airfoils in unsteady aerodynamics, numerical approximations and parameter estimation  
[AD-A118446] p 179 N83-12050  
An on-board near-optimal climb-dash energy management  
[NASA-CR-169755] p 205 N83-16329
- CLOUDE, S. R.**  
Polarimetric techniques in radar signal processing  
p 639 A83-40758
- CLOUGH, L. D.**  
Integration produces small Ku-band altimeter  
p 529 A83-37820
- CLUBINE, W. R.**  
Modeling the helmet-mounted sight system  
[AD-A124681] p 444 N83-25709
- COAKLEY, T. J.**  
Implicit upwind methods for the compressible Navier-Stokes equations  
[NASA-TM-84364] p 478 N83-27149
- COALE, C. W.**  
Modification of flight vehicle vibration modes to account for design changes  
p 607 N83-30790
- COBBS, W. L.**  
Advanced composite aileron for L-1011 transport aircraft. Aileron manufacture  
[NASA-CR-165718] p 635 N83-30522
- COCANOWER, A.**  
A technical analysis of rehosting the National Aerospace System software  
[AD-A118828] p 187 N83-12069
- COCHRAN, J. E., JR.**  
Stability of aircraft motion in critical cases  
p 544 A83-37066
- COCHRANE, J. A.**  
Selected results from the quiet short-haul research aircraft flight research program  
p 189 A83-13165  
Applications of advanced upper surface blowing propulsive-lift technology  
[SAE PAPER 820956] p 433 A83-33628  
The quiet short-haul research aircraft  
p 268 N83-20832
- COE, P. L., JR.**  
Low-speed aerodynamic characteristics of a highly swept, untwisted uncambered arrow wing  
[NASA-TP-2176] p 718 N83-36000
- COE, R. J.**  
A network formulation for phased arrays - Application to log-periodic arrays of monopoles on curved surfaces  
p 431 A83-35090
- COFFEY, C. G.**  
A rocket-boosted sea launched target system  
p 600 A83-43702
- COFFIN, R. T.**  
Pre-planned product improvement /P3I/ the T64-GE-418 derivative engine  
p 276 A83-24826
- COFFINBERRY, G. A.**  
Apparatus for improving the fuel efficiency of a gas turbine engine  
[NASA-CASE-LEW-13142-1] p 748 N83-36029
- COFFMAN, H. J., JR.**  
Review of helicopter icing protection systems  
[AIAA PAPER 83-2529] p 719 A83-48367
- COGGER, M. K.**  
Measurements of the attenuation of an Army headset  
[BR84535] p 309 N83-20704
- COHEN, E.**  
Interactive spline modelling  
[AD-A128841] p 680 N83-33881
- COHEN, I. D.**  
Aircraft observations of large scale cloud systems  
[AD-A122515] p 767 A83-49698
- COHEN, J. D.**  
Analytical fuel property effects, small combustors, phase 1  
[NASA-CR-168138] p 404 N83-23464
- COHEN, R. L.**  
Noise source identification in airplane cabins using acoustic intensity technique  
[AIAA PAPER 83-0716] p 307 A83-25931
- COHEN, S. M.**  
Research on aviation fuel instability  
[NASA-TM-83420] p 553 N83-28255
- COHN, R. B.**  
In-flight acoustic test results for the SR-2 and SR-3 advanced-design propellers  
[AIAA PAPER 83-1214] p 452 A83-36286  
Adapter for mounting a microphone flush with the external surface of the skin of a pressurized aircraft  
[NASA-CASE-FRC-11072-1] p 526 N83-27975
- COLDWELL, T.**  
Military systems acceptance criteria  
p 657 A83-45844
- COLE, J. D.**  
Bending effects on structural dynamic instabilities of transonic wings  
[AIAA 83-0920] p 358 A83-29887  
Transonic and nonlinear flow research  
[AD-A121477] p 246 N83-19719
- COLE, J. N.**  
USAF (United States Air Force) bioenvironmental noise data handbook Volume 2 Index  
[AD-A126851] p 653 N83-31421
- COLE, R. T.**  
Fatigue of composite bolted joints under dual load levels  
p 559 A83-40158
- COLEMAN, N.**  
Microprocessor-based optimal controllers for a helicopter turret control system  
p 434 A83-35138  
Microprocessor controlled optimal helicopter turret control system  
p 516 A83-37148
- COLEMAN, R. R.**  
DOE wave-turbine-engine demonstration  
[DE82-018322] p 562 N83-28458
- COLKET, M. B.**  
Experimental study of the thermal stability of hydrocarbon fuels  
[NASA-CR-168027] p 228 N83-17728
- COLLIN, K. H.**  
Prospects for the use of heat exchangers in aircraft gas turbines  
[DGLR PAPER 82-088] p 276 A83-24200
- COLLINS, B. P.**  
Estimation of aircraft fuel consumption  
p 29 A83-10186  
Aircraft traffic in the Los Angeles basin as related to TCAS requirements  
p 145 N83-14085
- COLLINS, H. M.**  
The remote link unit. A demonstration of operational performance Part 3 Design manual, volume 1  
[AD-A124621] p 476 N83-25934  
The remote link unit. A demonstration of operational performance Part 3 Design manual Volume 2 Appendices A - C  
[AD-A124622] p 476 N83-25935  
The remote link unit. A demonstration of operational performance Part 2 User's manual  
[AD-A124620] p 476 N83-25938  
The remote link unit. A demonstration of operational performance, part 1  
[AD-A124619] p 476 N83-25939
- COLLMANN, K. D.**  
The application of aeronautical technology to the construction of machines and vehicles  
p 710 A83-47214
- COLLUM, R. R.**  
Thrust performance of a variable-geometry, divergent exhaust nozzle on a turbojet engine at altitude  
[NASA-TP-2171] p 459 N83-26839
- COLPUS, D.**  
A global HF telecommand system for long duration balloon flights  
p 514 A83-39813
- COLTMAN, J. W.**  
Computer simulation of an aircraft seat and occupant in a crash environment, volume 1  
[FAA-CT-82-33-1-VOL-1] p 319 N83-22171  
Computer simulation of an aircraft seat and occupant in a crash environment Volume 2 Program SOM-LA user manual  
[FAA-CT-82-33-2-VOL-2] p 319 N83-22172  
Design and test criteria for increased energy-absorbing seat effectiveness  
[AD-A128015] p 589 N83-31589
- COLTRIN, R. E.**  
A survey of inlet/engine distortion compatibility  
[NASA-TM-83421] p 536 N83-27991
- COMPANION, M. A.**  
Human factors in the application of large screen electronic displays to transport flight station design  
p 269 A83-26312
- COMPTON, M.**  
Definition of vectored nonaxisymmetric nozzle plumes  
[AIAA PAPER 83-1290] p 423 A83-36924  
Wind tunnel evaluation of tactical aircraft stability and control as affected by nozzle thrust reverser parameter variations  
[AIAA PAPER 83-1228] p 545 A83-39103
- COMPTON, W. B., III**  
Three-dimensional Euler solutions for long-duct nacelles  
[AIAA PAPER 83-0089] p 136 A83-17905
- CONDOM, P.**  
Engines for future combat aircraft  
p 39 A83-10867  
Will technology make the helicopter competitive  
p 204 A83-21574  
General aviation goes digital - Many advantages, but some problems  
p 735 A83-48640
- CONE, R. W.**  
Preliminary overview analyses of U.S. Navy Aircrew Automated Escape Systems /AAES/ in service usage data  
p 182 A83-15405
- CONG, M.**  
The prediction of performance of turbojet engine with distorted inlet flow and its experimental studies  
p 446 A83-35832
- CONLON, J. A.**  
The performance of a circulation control airfoil at transonic speeds  
[AIAA PAPER 83-0083] p 130 A83-16510
- CONNELL, D. D.**  
Multimode planar spiral for DF applications  
p 430 A83-35089
- CONNELLY, E. M.**  
Performance measures for aircraft carrier landings as a function of aircraft dynamics  
[AD-A120473] p 206 N83-16334
- CONNER, A. N.**  
Economic effects of noise abatement regulations on the helicopter industry  
[AD-A127331] p 576 N83-30356
- CONNER, D. A.**  
Reduction of high-speed impulsive noise by blade planform modification of a model helicopter rotor  
[NASA TM 84553] p 191 N83-16151
- CONNOR, J. T.**  
Fixed wing and rotary wing flight testing of Navstar GPS as a civilian navigation system  
p 199 A83-19777  
Global positioning system en route/terminal exploratory tests  
[FAA-RD-82-71] p 260 N83-18705
- CONNOR, S. A.**  
Comparative evaluation of twenty pilot workload assessment measure using a psychomotor task in a moving base aircraft simulator  
[NASA-CR-166457] p 249 N83-18702
- CONRAD, B.**  
Oceanic Area System Improvement Study (OASIS) Volume 1 Executive summary and improvement alternatives development and analysis  
[FAA-EM-81-17-VOL-1] p 200 N83-16314  
Oceanic Area System Improvement Study (OASIS) Volume 5 North Atlantic, Central East Pacific, and Caribbean regions communication systems description  
[FAA-EM-81-17-VOL-5] p 201 N83-16318
- CONSTANTINESCU, V. N.**  
Extension of the lifting body theory to evolution on random trajectories at subsonic velocities  
p 7 A83-10576
- COOK, D. P.**  
A qualitative analysis of SAC aircraft maintenance  
[AD A122815] p 311 N83-20908



- COOK, F. J.**  
Establishing signal processing and pattern recognition techniques for inflight discrimination between crack-growth acoustic emission and other acoustic waveforms p 214 A83-15198
- COOK, G. E.**  
Principles and present status p 723 A83-48733
- COOK, I. D.**  
The status of two- and three-dimensional testing in the University of Southampton transonic self-streamlining wind tunnel p 349 N83-20971
- COOK, J. A.**  
Search and rescue locator beacons - The British concept p 183 A83-15418
- COOK, T. S.**  
Equivalent damage A critical assessment [NASA-CR-167874] p 214 A83-17542
- COOKE, D. R.**  
Space Shuttle stability and control derivatives estimated from the first entry p 544 A83-37065
- COOKSEY, J. M.**  
The measurement of impulsive forces on a wind tunnel model with a conventional strain gage balance p 55 A83-11069
- COOKSON, R. A.**  
An investigation into the effect of side-plate clearance in an uncenteralized squeeze-film damper [ASME PAPER 83-GT-176] p 761 A83-47975
- COOPER, L. S.**  
Avionics fault tree analyzer [AIAA PAPER 83-2452] p 723 A83-48335
- COOPER, P. G.**  
A history of electronic flight instruments - through tomorrow p 608 A83-41532
- COOPER, R. A.**  
Generating an out-the-window cockpit image with the IAPX 432 [AD-A124852] p 466 N83-25735
- COOPER, R. C.**  
Environmental quality research Fate of toxic jet fuel components in aquatic systems [AD-A122548] p 351 N83-21168
- COOPER, S. P.**  
High temperature stability of pack aluminide coatings on IN38LC p 230 A83-21459
- COOPER, T. D.**  
Detection of cracks under installed fasteners in aircraft structures p 697 A83-46769
- COOPER, W. G.**  
General aviation safety - How safe? Its implication for flying and theory training p 667 A83-44878
- COPE, M. E.**  
Advanced fighter technology integrator /AFTI/ F-16 display mechanization p 196 A83-16132
- COPLEY, J. C.**  
Analysis of subcritical response measurements from aircraft flutter tests p 52 N83-10269
- COPPA, A. P.**  
Composite hybrid flywheel rotor design optimization and fabrication p 553 N83-28620
- CORAZZA, G.**  
A new technique for the precision DME of microwave landing system p 186 A83-16448
- CORBETT, F. J.**  
Thermal infrared pushbroom imagery acquisition and processing p 209 A83-22841
- CORBIN, J. C.**  
Lightning interaction with USAF aircraft p 587 N83-31214
- CORBIN, M. J.**  
NASA/RAE collaboration on nonlinear control using the F-8C digital fly-by-wire aircraft [NASA-TM-84296] p 396 N83-23316
- CORD, T. J.**  
Sidestick controller design requirements p 396 A83-32934
- CORLISS, L. D.**  
Guidance and flight control demonstration in a helicopter flight environment using a laser-gyro inertial navigation system p 322 A83-28779  
The effects of engine and height-control characteristics on helicopter handling qualities p 619 A83-41078  
Effects of rotor inertia and rpm control on helicopter handling qualities [AIAA PAPER 83-2070] p 623 A83-41907
- CORONEL, P. K.**  
Concepts for increased power and enhanced fuel conservation with newly patented multiple power-cycle gas turbine engines [AIAA PAPER 83-1209] p 452 A83-36282
- CORSMEIER, R. J.**  
Air modulation apparatus [NASA-CASE-LEW-13524-1] p 645 N83-30957
- CORTEN, F. L. J. H.**  
Performance capabilities of photographic flight navigation and sensor orientation systems p 431 A83-36122
- CORTEN, H. T.**  
Progress in the practical applications of fracture mechanics p 230 A83-21796
- CORTI, C. W.**  
A fundamental basis for using the platinum group elements as alloying additions in nickel-base alloys to improve high temperature corrosion p 757 A83-49501
- COSENTINO, G. B.**  
Modifying a general aviation airfoil for supercritical flight p 243 A83-24039
- COSMOVICI, C. B.**  
ASTROPLANE - A European airborne observatory for infrared astronomy p 573 A83-40455  
Astroplane A European research aircraft for IR and submillimetre astronomy (the DFVLR proposal) p 369 N83-22049
- COSTES, B.**  
The S2Ch subsonic wind tunnel and its utilization for detailed studies of helicopter rotors [ONERA, TP NO 1983-27] p 688 A83-44306
- COSTES, J. J.**  
Helicopter-rotor aeroelastic equilibrium under nonlinear aerodynamic forces p 261 A83-23679  
Stability study of a tilt-rotor aircraft model p 384 A83-31172  
Aeroelastic equilibrium of an helicopter rotor with nonlinear aerodynamic forces p 235 N83-17482
- COSTES, J. J.**  
Performing literal calculation with a micro-computer p 705 A83-45980
- COSTET, J. R.**  
Voice techniques on board aircraft - An experimental approach p 19 A83-11123  
Automatic recognition of speech in military aircraft p 702 N83-34186
- COTE, S. M.**  
Investigation of F/A-18A engine throttle usage and parametric sensitivities [ASME PAPER 83-GT-64] p 738 A83-47919
- COULSON, E. J. H.**  
Phoenix GCS - Some considerations which influence the design of computer assisted ground control stations for RPV p 592 A83-43714
- COULURIS, G. J.**  
Oceanic Area System Improvement Study (OASIS) Volume 1 Executive summary and improvement alternatives development and analysis [FAA-EM-81-17-VOL-1] p 200 N83-16314  
Oceanic Area System Improvement Study (OASIS) Volume 2 North Atlantic region air traffic services system description [FAA-EM-81-17-VOL-2] p 201 N83-16315  
Oceanic Area System Improvement Study (OASIS) Volume 3 Central East Pacific region air traffic services system description [FAA-EM-81-17-VOL-3] p 201 N83-16316  
Oceanic Area System Improvement Study (OASIS) Volume 4 Caribbean region air traffic services system description [FAA-EM-81-17-VOL-4] p 201 N83-16317  
Oceanic Area System Improvement Study (OASIS) Volume 7 North Atlantic region flight cost model results [FAA-EM-81-17-VOL-7] p 201 N83-16319  
Oceanic Area System Improvement Study (OASIS) Volume 8 Central East Pacific region flight cost model results [FAA-EM-81-17-VOL-8] p 201 N83-16320
- COUPLAND, D. R.**  
A fundamental basis for using the platinum group elements as alloying additions in nickel-base alloys to improve high temperature corrosion p 757 A83-49501
- COUPLAND, R. O.**  
The vibration test unit, a unique rail vehicle vibration test facility p 632 N83-30774
- COURAGE, G. D.**  
Acoustic capabilities of the German-Dutch wind tunnel DNW [AIAA PAPER 83-0146] p 172 A83-16554
- COUSTEIX, J.**  
Rotation and curvature effects on Reynolds stresses in boundary layers [ONERA, TP NO 1982-81] p 213 A83-14533
- COUSTON, M.**  
Comparison of computed and measured unsteady pressure fields of a supercritical wing p 314 N83-20903
- COVERT, E. E.**  
Measurements of the near wake of an airfoil in unsteady flow [AIAA PAPER 83-0127] p 131 A83-16540
- Development of closed loop roll control for magnetic balance systems [NASA-CR-166017] p 208 N83-13122  
Current problems in turbomachinery fluid dynamics [AD-A126478] p 747 N83-34949
- COVEY, R. R.**  
Potential fuel savings through improved airframe maintenance p 188 N83-17456
- COWAN, J.**  
Variable camber rotor study [NASA-CR-166382] p 266 N83-19740
- COWAN, J. P.**  
Investigation of the coupling of unsteady lift to low order acoustic duct modes in an axial flow fan [AD-A124819] p 483 N83-27796
- COWDIN, K. T.**  
Aircraft body-axis rotation measurement system [NASA-CASE-FRC-11043-1] p 682 N83-33882
- COWIE, W. D.**  
An overview of turbine engine structural design - Development trends in the Air Force [AIAA 83-0952] p 338 A83-29777  
Development trends in engine durability [AIAA PAPER 83-1297] p 455 A83-36329
- COX, C. M.**  
Helicopter noise p 310 N83-20835
- COX, D. B., JR.**  
Benefits of integrating GPS and Inertial Navigation Systems p 324 A83-29214
- COX, L. D.**  
Airport - Air cargo compatibility [AIAA PAPER 83-1610] p 380 A83-33371
- COX, M. E.**  
Possible improvements in meteorology for aircraft navigation p 247 A83-23373
- COX, R. A.**  
Force and pressure measurements on a research model with a low-, mid- and T-tail at Mach numbers of 0.60 to 0.90 Volume 2 Tabulated data [AD-A124068] p 425 N83-25676  
Force and pressure measurements on a research model with a low-, mid- and T-tail at Mach numbers of 0.60 to 0.90 Volume 1 Summary report [AD-A124067] p 504 N83-27962
- COY, J. J.**  
Reliability model for planetary gear trains [ASME PAPER 82-DET-81] p 65 A83-12777  
Life and reliability models for helicopter transmissions [NASA-TM-82976] p 67 N83-10425  
Lubricant effects on efficiency of a helicopter transmission p 185 N83-15523  
NASA transmission research and its probable effects on helicopter transmission design [NASA-TM-83389] p 408 N83-24858
- COY, P. F.**  
Natural laminar flow data from full-scale flight and wind-tunnel experiments p 422 A83-36409
- COZZOLONGO, J. V.**  
A common geometric data-base approach for computer-aided manufacturing of wind-tunnel models and theoretical aerodynamic analysis [NASA-TP-2151] p 316 N83-22166
- CRAIG, J. E.**  
Laser holographic interferometry for an unsteady airfoil in dynamic stall [AIAA PAPER 83-0388] p 179 A83-16688  
Feasibility study of three-dimensional holographic interferometry for aerodynamics [NASA-CR-166483] p 483 N83-27845
- CRAIG, P. J.**  
A study of transverse turbulent jets in a cross flow p 42 A83-13100
- CRAIG, R. R.**  
Coaxial dump combustor investigations p 459 N83-26791
- CRAMER, K. R.**  
Application of the PANAIR production code to a complex canard/wing configuration [AIAA PAPER 83-0009] p 136 A83-17902
- CRAMER, R. L.**  
The AH-64 nitrogen inerting unit p 263 A83-25895
- CRANE, D. F.**  
Compensation for time delay in flight simulator visual-display systems [AIAA PAPER 83-1080] p 464 A83-36222
- CRIVEN, H. H., JR.**  
Fuel conservation techniques in jet transport aircraft operations p 198 N83-17463
- CRAWFORD, D.**  
The development of a generalized advanced propeller analysis system [AIAA PAPER 83-2466] p 746 A83-49581
- CRAWLEY, E. F.**  
Comparison of frequency determination techniques for cantilevered plates with bending-torsion coupling [AIAA 83-0953] p 358 A83-29885

- CREAMER, P. M.**  
 LORAN-C grid calibration requirements for aircraft non-precision approach  
 [AD-A121191] p 260 N83-18706
- CREEDON, J. F.**  
 Flight management systems - What are they and why are they being developed?  
 [AIAA PAPER 83-2235] p 621 A83-41712
- CREEL, T. R.**  
 Wind tunnel noise reduction at Mach 5 with a rod-wall sound shield  
 [AIAA PAPER 82-0570] p 346 A83-28952
- CREEL, T. R., JR.**  
 Free stream noise and transition measurements in a Mach 3.5 pilot quiet tunnel  
 [AIAA PAPER 83-0042] p 171 A83-16482  
 Sound shield  
 [NASA-CASE-LAR-12883-1] p 237 N83-17235
- CREMEEN, T. R.**  
 Advanced avionics systems for multimission applications, volume 1  
 [AD-A121793] p 271 N83-19749
- CRENSHAW, B. M.**  
 Roughness considerations for transport aircraft  
 p 158 N83-15300
- CREWS, L. L.**  
 Operational flight program development with a higher order language  
 p 363 N83-22125
- CRIGHTON, D. G.**  
 Jet noise and the effects of jet forcing  
 p 72 A83-10898
- CRIPPS, B. E.**  
 Some measurements of wing buffeting on a flutter model of a typical strike aircraft  
 [RAE-TR-82007] p 48 N83-10052  
 Some measurements of buffeting on a flutter model of a typical strike aircraft  
 p 627 N83-30370
- CROCKER, J. F.**  
 Advanced manufacturing development of a composite empennage component for L-1011 aircraft Phase 2 Design and analysis  
 [NASA-CR-165634] p 605 N83-30404
- CROCKER, M. J.**  
 Theoretical and experimental evaluation of transmission loss of cylinders  
 p 237 A83-19808  
 Direct measurement of transmission loss of aircraft structures using the acoustic intensity approach  
 p 327 A83-28185
- CROFT, A.**  
 Multi point excitation ground resonance test facility at British Aerospace Warton  
 [BAE-TN-5411] p 209 N83-13128
- CROLL, R. H.**  
 Modular asymmetric parachute for wind tunnel testing  
 p 178 A83-15322
- CRONIN, M. J.**  
 All-electric vs conventional aircraft - The production/operational aspects  
 p 386 A83-32576  
 Design aspects of systems in all-electric aircraft  
 [SAE PAPER 821436] p 518 A83-37984  
 The prospects and potential of all electric aircraft  
 [AIAA PAPER 83 2476] p 745 A83-48341
- CRONKHITE, J. D.**  
 YAH-63 helicopter crashworthiness simulation and analysis  
 [AD-A125642] p 510 N83-27970
- CROOKS, C. J.**  
 Flutter and steady/unsteady aerodynamic characteristics of supercritical and conventional transport wings  
 p 345 N83-22218
- CROOM, C. C.**  
 NASA aural applications wake interaction research  
 p 317 A83-28899  
 NASA wake interactions research and applications  
 [SAE PAPER 830764] p 580 A83-43329
- CROOM, M. A.**  
 High angle-of-attack flight dynamics of a forward-swept wing fighter configuration  
 [AIAA PAPER 83-1837] p 544 A83-38666  
 High-angle-of-attack stability characteristics of a 3-surface fighter configuration  
 [NASA-TM-84584] p 288 N83-19757
- CROSBIE, R. J.**  
 'A total G-force environment dynamic flight simulator' - A new dimension in flight simulation  
 [AIAA PAPER 83-0139] p 171 A83-16548
- CROSBY, W.**  
 Historical research and development inflation indices for army fixed and rotor winged aircraft  
 [AD-A129317] p 713 N83-35993
- CROSS, L. A.**  
 FOD hazard from tire-lofted debris  
 p 585 A83-42557

- CROSS, R. G.**  
 Computer models for determining countermeasures effectiveness of expendables in air-to-air engagements  
 p 70 A83-11162
- CROSS, R. W.**  
 Low cost expendable turbojet engines  
 p 616 A83-43711
- CROSSGROVE, W. A.**  
 Advanced avionics systems for multimission applications, volume 1  
 [AD-A121793] p 271 N83-19749
- CROUCH, K. E.**  
 Aircraft lightning-induced voltage test technique developments  
 [NASA-CR-170403] p 442 N83-26829  
 Recent lightning induced voltage test technique investigations  
 p 646 N83-31194
- CROUCH, P.**  
 The use of multiplex data buses in a high integrity system  
 p 332 N83-22102
- CROW, E. M.**  
 Prelaunch survivability of Ground Launched Cruise Missile (GLCM) Volume 3 SAVAGE code version 1.0 user's guide  
 [AD-A119023] p 155 N83-14113
- CROWE, L.**  
 Environmental control of an aircraft pod mounted electronics system  
 [SAE PAPER 820869] p 263 A83-25768
- CROWLEY, T. J.**  
 Emulation, a cost effective alternative for replacing obsolete ATE  
 p 69 A83-10763
- CRUZEM, L.**  
 Cruise missile propulsion versus commercial airliner propulsion - Different challenges can produce similar engine cycles  
 [AIAA PAPER 83-1176] p 451 A83-36261
- CUBBISON, R. W.**  
 Low speed performance of a supersonic axisymmetric mixed compression inlet with auxiliary inlets  
 [NASA-TM-83435] p 536 N83-27992
- CULICK, F. E. C.**  
 Linear theory of pressure oscillations in liquid fueled ramjet engines  
 p 685 N83-33886
- CULY, D. G.**  
 Monte Carlo simulation of the engine development process  
 [AIAA PAPER 83-1405] p 456 A83-36394
- CUMMINGS, R. M.**  
 Evaluation of missile aerodynamic characteristics for diversified configurations using rapid prediction techniques  
 [AIAA PAPER 83-0180] p 131 A83-16573
- CUNDILL, R. T.**  
 Lightweight materials for rolling elements in aircraft bearings  
 p 184 N83-15510
- CUNDY, D. F.**  
 An evaluation of SARP (search and rescue planning system) drift predictions using satellite-tracked drift-buoys  
 [AD-A127987] p 589 N83-31588
- CUNDY, J.**  
 Saving fuel with the wide-chord fan  
 p 744 A83-48174
- CUNNINGHAM, B. C.**  
 Airport and highway noise control, planning and analysis  
 [PB83-153692] p 560 N83-28290
- CUNNINGHAM, R.**  
 Power turbine dynamics - An evaluation of a shear mounted elastomeric damper  
 [ASME PAPER 83-GT-228] p 763 A83-48025
- CUNNINGHAM, T. B.**  
 Advanced flight control design techniques and handling quality requirements  
 p 51 N83-10075  
 Robust reconfiguration for high reliability and survivability for advanced aircraft  
 p 688 N83-33898
- CUNNINGHAM, W. H.**  
 Compact installation for testing vectored-thrust engines  
 p 218 A83-22158
- CURRAN, P.**  
 A samarium cobalt motor-controller for mini-RPV propulsion  
 p 336 A83-27187
- CURRELI, P. A.**  
 Preliminary science report on the directional solidification of hypereutectic cast iron during KC-135 low-G maneuvers  
 [NASA-TM-82528] p 470 N83-25854
- CURREY, N. S.**  
 Landing gear design handbook  
 p 383 A83-30143
- CURRY, C.**  
 Aspects of the T56 power section usage/operating costs  
 [AIAA PAPER 83-1408] p 457 A83-36397

- CURRY, C. E.**  
 Full-authority fault-tolerant electronic engine control system for variable cycle engines  
 [AD-A121746] p 359 N83-21357
- CURRY, R. E.**  
 Unique flight characteristics of the AD-1 oblique-wing research airplane  
 p 386 A83-32598
- CURRY, S.**  
 Vectoring exhaust systems for STOL tactical aircraft  
 [ASME PAPER 83-GT-212] p 744 A83-48013
- CURRY, S. G.**  
 Exhaust nozzle concepts for STOL tactical aircraft  
 [AIAA PAPER 83-1226] p 523 A83-39102
- CURTISS, H. C., JR.**  
 Rotor aerodynamics in ground effect at low advance ratios  
 [AD-A118609] p 180 N83-12051
- CUSHMAN, J. B.**  
 Design, fabrication and test of graphite/polyimide composite joints and attachments  
 [AIAA 83-0907] p 355 A83-29763
- CUTCHINS, M. A.**  
 Aeroelasticity in the time domain  
 p 687 A83-43965
- CWYNAR, D. S.**  
 Design of a high-speed digital processing element for parallel simulation  
 [NASA-TM-83373] p 563 N83-29597
- CZARNECKI, G. J.**  
 Residual strength predictions for ballistically damaged aircraft  
 p 641 A83-42540

## D

- DADONE, A.**  
 An implicit lambda scheme  
 p 660 A83-45581
- DADONE, L.**  
 The role of analysis in the aerodynamic design of advanced rotors  
 p 192 N83-17471  
 Variable camber rotor study  
 [NASA-CR-166382] p 266 N83 19740
- DAEMMRICH, T.**  
 The cleaning of the exterior of the aircraft  
 p 175 A83-14325
- DAFORNO, G.**  
 NTF model concept for the X-29A Part 1 Requirements, guidelines, and design loads  
 p 291 N83-18756
- DAHAN, C.**  
 A note on the general scaling of helicopter blade-vortex interaction noise  
 [ONERA, TP NO 1982-32] p 221 A83-13375  
 A note on the general scaling of helicopter blade-vortex interaction noise  
 [AD-A118761] p 223 N83-12972
- DAHL, G.**  
 Digital engine control unit - Future employment possibilities  
 [DGLR PAPER 82-085] p 275 A83-24197
- DAHLIN, J. A.**  
 An experimental study of transonic flow about a supercritical airfoil Static pressure and drag data obtained from tests of a supercritical airfoil and an NACA 0012 airfoil at transonic speeds, supplement  
 [NASA-TM-81336-SUPPL] p 666 N83-33846
- DAHLKE, C. W.**  
 On-board instrumentation for test vehicles with varying roll rates  
 [AIAA PAPER 83-0570] p 158 A83-16797
- DAIGNEAULT, R. G.**  
 Advanced propeller technology for new commuter aircraft  
 [SAE PAPER 820720] p 392 A83-31803
- DAINEKO, V. I.**  
 On the question of calculating the pressurization start-up regimes of a gas-turbine plant  
 p 406 A83-32651
- DAINTON, L. J.**  
 An investigation into the effect of side-plate clearance in an uncentered squeeze-film damper  
 [ASME PAPER 83-GT-176] p 761 A83-47975
- DALAN, G. A.**  
 Noise source identification in airplane cabins using acoustic intensity technique  
 [AIAA PAPER 83-0716] p 307 A83-25931
- DALE, B. J.**  
 Force method optimization II Volume 2 User's manual  
 [AD-A128235] p 652 N83-32387
- DALE, I. C.**  
 The cooling of printed circuit board mounted components using copper ladder heat conduction to a cold wall  
 [RAE-TR-82092] p 560 N83-28326

- DALE, R. S.**  
Terrain profile matching for missile guidance  
p 321 A83-28164
- DALEY, E.**  
Flight clearance of the Jaguar fly by wire aircraft I  
p 675 A83-45845
- DALLE MESE, E.**  
Performance analysis of a dwell-time processor for monopulse beacon radars p 200 A83-22726  
Reply correlation test analysis in monopulse beacon radars p 200 A83-22727
- DALLING, D. K.**  
A carbon-13 and proton nuclear magnetic resonance study of some experimental referee broadened-specification /ERBS/ turbine fuels p 59 A83-11482
- DAMLE, S. V.**  
Present status and new trends in scientific ballooning in India p 525 A83-39817
- DAMOULAKIS, J. N.**  
Analysis of three hierarchical motion compensation systems for synthetic aperture radars p 23 A83-11242
- DANIELS, L. C.**  
Heat transfer rate to blade profiles Theory and measurement in transient facilities p 283 A83-18740
- DANIELS, R.**  
Plating on glass for hermetic seal [SAE PAPER 820813] p 696 A83-45871
- DANIELSON, R.**  
Environmental quality research Fate of toxic jet fuel components in aquatic systems [AD-A122548] p 351 A83-21168
- DANILECKI, S.**  
Application of fatigue-strength analysis to the evaluation of the consequences of local damage and the effects of wing-shell repairs III - An example of the application of fatigue-strength analysis using a specific fatigue wear p 213 A83-14620
- DANISON, T. H.**  
Analytical techniques for aromatic components in aircraft fuels [AD-A118838] p 211 A83-12252
- DANSBY, T.**  
Wing tip devices for energy conservation and other purposes Experimental and analytical work in progress at the Lockheed-Georgia Company p 659 A83-44358
- DANTSYG, A. IA.**  
Calculation of pressure losses in the diffusers of mixing afterburners p 273 A83-23445  
Determination of full pressure losses in stepped annular diffusers with rectilinear outer walls and a uniform velocity field at the inlet p 613 A83-42130
- DARBY, E. R.**  
Description and operating procedures for the NOAA (National Oceanic and Atmospheric Administration) C-130 AWRD (Airborne Weather Reconnaissance System) system [PB83-197053] p 768 A83-36615
- DARDELET, J. C.**  
Design, fabrication and testing of an advanced composite access door for use in a lower wing panel [VTH-LR-335] p 611 A83-11251
- DARLOW, M. S.**  
In situ balancing of flexible rotors using influence coefficient balancing and the unified balancing approach [ASME PAPER 83-GT-178] p 761 A83-47989
- DARWISH, M. Z.**  
Computer control and activation of six-degree-of-freedom simulator [AD-A126126] p 549 A83-28010
- DAS, D. K.**  
An experimental study of the unsteady response of the rotor blades of an axial flow compressor operating in the rotating stall regime [AIAA PAPER 83-0001] p 129 A83-16454  
A study of the response of a turbojet engine to the inlet temperature transients p 448 A83-35849  
Flow measurements within rotating stall cells in single and multistage axial-flow compressors p 419 A83-35873
- DAS, I.**  
Aeroacoustics of supersonic porous plug-nozzle flows [AIAA PAPER 83-0775] p 411 A83-31325
- DAS, I. S.**  
Aeroacoustics of a porous plug supersonic jet noise suppressor [NASA-CR-169977] p 309 A83-19576
- DASH, R.**  
Radiation from a double layer jet p 237 A83-20364  
Effects of flight on noise radiated from convected ring sources in coaxial dual flow Part 2: The noise from heated jets [NASA-CR-169736] p 238 A83-17237
- Effects of noise radiated from convected ring sources in coaxial dual flow Part 1 The noise from unheated jets [NASA-CR-169737] p 238 A83-17238
- DASTIN, S.**  
Advanced composites for advanced aircraft p 552 A83-40342
- DAT, R.**  
Development of the basic methods needed to predict helicopters' aeroelastic behaviour [ONERA, TP NO 1982-75] p 232 A83-23248
- DAUGHERTY, R. H.**  
Braking and cornering studies on an air cushion landing system [NASA TP-2196] p 733 A83-34935
- DAULERIO, L. A.**  
Instrumentation requirements for assessing occupant response to three dimensional high acceleration environments p 302 A83-19434  
Development of a continuous mode sequencing concept for ejection seats [AD-A128966] p 721 A83-36012
- DAVADANT, J. P.**  
Study of an on-board trajectory system for in-flight checking of air-navigation and landing radio aids p 255 A83-24860
- DAVENPORT, J. B., JR.**  
Engineering and fabrication cost considerations for cryogenic wind tunnel models p 291 A83-18758
- DAVID, G.**  
Navstar equipments accuracy compared with experimental results p 255 A83-24861
- DAVID, J. W.**  
Theoretical investigation of the force and dynamically coupled torsional axial-lateral dynamic response of eared rotors [NASA-CR-173013] p 705 A83-34656
- DAVIDOVITZ, A.**  
An eccentric two-target differential game model for qualitative air-to-air combat analysis [AIAA PAPER 83-2122] p 575 A83-41947
- DAVIDSON, D. P.**  
The measurement of turbomachinery stator-to-drum running clearances [ASME PAPER 83-GT-204] p 743 A83-48005
- DAVIDSON, J. H.**  
The relationship between structure, properties and processing in powder metallurgy superalloys p 224 A83-21493
- DAVIDSON, R. G.**  
Aging and performance of structural film adhesives I - A comparison of two high temperature curing, epoxy-based systems p 223 A83-21048
- DAVIES, W. J.**  
Full Authority Fault Tolerant Electronic Engine Control systems for advanced high performance engines (FAFTEEC) [SAE PAPER 821398] p 532 A83-37972
- DAVIES, D. G.**  
Improved combustion-turbine efficiency with reformed-alcohol fuels [DE83-005713] p 699 A83-33169  
Reformed alcohol fuels for combustion turbines Technical and economic feasibility assessment [DE82 013921] p 694 A83-34071
- DAVIES, E. G.**  
Computer control and activation of six-degree-of freedom simulator [AD-A126126] p 549 A83-28010
- DAVIES, G. A. O.**  
Universities - Have they a role in aeronautical research? Structures and materials p 642 A83-42618
- DAVIES, J. M.**  
Development of terrain-following displays for the tornado aircraft p 680 A83-44687
- DAVIES, M. J.**  
The basic aerodynamics of floatation p 764 A83-48679
- DAVIES, W. J.**  
Flight/propulsion control system integration [AIAA PAPER 83-1238] p 453 A83-36301  
F-14 aircraft and propulsion control integration evaluation [ASME PAPER 83-GT-234] p 744 A83-48029
- DAVIS, G.**  
F-16 voice message system study p 19 A83-11121
- DAVIS, H.**  
Tarps test program set / parallel development of avionics and its support capability/ p 54 A83-10755
- DAVIS, J.**  
The evaluation of some collision models used for Monte-Carlo calculations of diatomic rarefied hypersonic flows [IC-AERO-82-03] p 583 A83-30396
- DAVIS, J. A.**  
Transonic interference effects in testing of oscillating airfoils [AIAA 83-1032] p 313 A83-29883  
Transonic interference effects in testing of oscillating airfoils p 662 A83-32746
- DAVIS, J. B.**  
Criteria for optimizing starting cycles for high performance fighter engines [AIAA PAPER 83-1127] p 450 A83-36236
- DAVIS, M. H.**  
The USRA workshop report. Electrostatic fog dispersal [NASA-CR-170802] p 704 A83-34514
- DAVIS, M. J.**  
Procedure for application of boron-fibre reinforced plastic patch to the Mirage lower wing skin fuel decant region [AD-A119545] p 177 A83-14173  
Damage tolerance of fibre composite laminates p 636 A83-30533
- DAVIS, R. A.**  
Pressures measured in flight on the aft fuselage and external nozzle of a twin-jet fighter [NASA-TP-2017] p 424 A83-25665
- DAVIS, R. M.**  
Digital flight control system validation technology assessment [NASA-CR-166374] p 170 A83-15315  
Integrated assurance assessment of a reconfigurable digital flight control system [NASA-CR-170281] p 397 A83-24515
- DAVIS, S. J.**  
Predesign study for a modern 4-bladed rotor for RSRA [NASA-CR-166155] p 176 A83-13065  
Predesign study for a modern 4-bladed rotor for the RSRA [NASA-CR-166155] p 206 A83-16331
- DAVIS, S. P.**  
Accelerated simulated mission endurance test of a turboshaft engine for military attack helicopter application [AIAA PAPER 83-1359] p 455 A83-36357
- DAVIS, W. H., JR.**  
Smart aerodynamic optimization [AIAA PAPER 83-1863] p 501 A83-38690
- DAVIS, W. J.**  
An advanced control system for a next generation transport aircraft [AIAA PAPER 83-2194] p 620 A83-41679
- DAVIS, W. J.**  
Nonlinear controller for the pitch-up region [AIAA PAPER 83-0064] p 168 A83-16496
- DAVY, M. C. W.**  
Short haul technology - Refining the turboprop [AIAA PAPER 83-1606] p 379 A83-33368
- DAVYDOV, E. V.**  
Experimental investigation of a model of the internal exhaust gas mixer configuration of a turbofan engine in the reverse-thrust mode p 614 A83-42146
- DAYTON, R. D.**  
Test experience with turbine-end foil bearing equipped gas turbine engines [ASME PAPER 83-GT-73] p 739 A83-47926  
Increasing the wear life of gas turbine engine roller bearings p 184 A83-15507
- DAZZO, J. J.**  
Design and application of a multivariable, digital controller to the A-7D Digita II aircraft model p 45 A83-11148  
Decoupling of high gain multivariable tracking systems [AIAA PAPER 83-0280] p 140 A83-16625  
Robustness of a decoupled multivariable digital flight control system [AIAA PAPER 83-2272] p 622 A83-41738
- DE FELICE, P.**  
JANUS An aircraft prototype of a low earth orbit split beam stereoscopic observing system p 355 A83-29696
- DE FEO, P.**  
A digital flight control system verification laboratory p 55 A83-11178
- DE FILIPPO, R. J.**  
Aircraft synthesis using numerical optimization methodology [AIAA PAPER 83-2458] p 768 A83-48336
- DE KEYSER, R. M. C.**  
Self-tuning fly-by-wire control system p 287 A83-26603
- DE MAN, E.**  
Homebuilt airplanes - The sky's the limit p 242 A83-25122
- DE RUYCK, J.**  
Instantaneous turbulence profiles in the wake of an oscillating airfoil p 312 A83-28951

# DE SIMONE, G.

## DE SIMONE, G.

The impact of missions on the preliminary design of an ABC rotor  
[SAWE PAPER 1501] p 603 A83-43760

## DE VILLIERS, J. N.

A review of geostationary satellite alternatives for retrieving data from long duration balloon flights  
p 514 A83-39812

## DE WITT, K. J.

Numerical simulation of electrothermal de-icing systems  
[AIAA PAPER 83-0114] p 428 A83-36043

## DEADMORE, D. L.

Silicon-slurry/aluminide coating  
[NASA-CASE-LEW-13343] p 638 A83-31795

## DEAL, P. L.

Lightning attachment patterns and flight conditions for storm hazards, 1980  
[NASA-TP-2087] p 139 A83-14077

## DEANE, J. R.

Missile body vortices and their interaction with lifting surfaces  
p 245 A83-18695

## DEANGELIS, V. M.

In-flight deflection measurement of the HiMAT aerodynamically tailored wing  
p 189 A83-13167

## DEBOER, G. J.

The Rene 150 directionally solidified superalloy turbine blades, volume 1  
[NASA-CR-167992] p 338 A83-20946

## DEBOLD, L. R.

A new use for NWC's wind machine - Parachute testing  
p 207 A83-15309

## DECKER, L. M.

War-time maintenance impact on aircraft availability  
Quantifying the R&D investment payoff  
[AIAA PAPER 83-2515] p 711 A83-48359

## DECKER, W. A.

A mathematical model of a single main rotor helicopter for piloted simulation  
[NASA-TM-84281] p 48 A83-10051

## DECKERT, J. C.

Analytic redundancy management for flight control sensors  
p 751 A83-34900

## DECKERT, W. H.

Recent progress in V/STOL technology  
p 3 A83-12852

## DEDEK, J.

The method of pole displacement in the artificial stabilization of dynamic systems  
p 705 A83-46500

## DEDONCKER, J.

Military requirements  
p 325 A83-22181

## DEEL, O. L.

Technical and secretariat support of the MIL-STD-1515 fastener standardization effort  
[AD-A119828] p 232 A83-16760

## DEESE, J. E.

Transonic wing-body calculations using Euler equations  
[AIAA PAPER 83-0501] p 135 A83-16828

## DEFEO, P.

An integrated user-oriented laboratory for verification of digital flight control systems Features and capabilities  
[NASA-TM-84276] p 47 A83-10048

## DEFERRARI, G.

Correlation problems between flutter flight test data and ground tests/calculation results for a variable sweep wing aircraft  
p 628 A83-30379

## DEGAWA, T.

Synthesis of C(astensk)-model reference adaptive flight controller  
p 287 A83-26559

## DEHART, J.

Application of the PANAIR production code to a complex canard/wing configuration  
[AIAA PAPER 83-0009] p 136 A83-17902

## DEHOFF, R.

Developments in performance monitoring and diagnostics in aircraft turbine engines  
[SAE PAPER 821400] p 533 A83-37873

Turbine Engine Fault Detection and Isolation Program Volume 1 Turbine engine performance estimation methods  
[AD-A119998] p 167 A83-15311

Turbine Engine Fault Detection and Isolation Program Volume 2 Maintenance model development  
[AD-A119999] p 167 A83-15312

## DEJONG, G. F.

An expert distributed robotics system with comprehension and learning abilities in the aircraft flight domain  
[AD-A127739] p 652 A83-32401

## DEJONG, J.

Computation of incompressible potential flow over an airfoil using a high order aerodynamic panel method based on circular arc panels  
[AD-A124896] p 428 A83-26825

## DEJONGE, J. B.

The analysis of load-time histories by means of counting methods  
[NLR-MP-82039-U] p 679 A83-32799

## DEJONGH, J.

Air Force Academy Aeronautics Digest, Fall/Winter, 1981  
[AD-A119168] p 176 A83-13066

## DEKANG, X.

Air Force Academy Aeronautics Digest, Spring/Summer, 1982  
[AD-A128248] p 577 A83-31571

## DEKANG, X.

Design of the leading edge of a delta wing  
[AD-A117469] p 31 A83-10036

## DEL BOCA, R. L.

Multifunction CO2 laser radar technology  
p 208 A83-22502

## DELAAT, J. C.

Design of a microprocessor-based Control, Interface and Monitoring (CIM unit) for turbine engine controls research  
[NASA-TM-83433] p 712 A83-34885

## DELAACROIS, M.

The quality of avionics software Specification and evaluation  
p 335 A83-22142

## DELANEY, C. L.

Operational effects of increased freeze point fuels in military airplanes  
[AIAA PAPER 83-1139] p 550 A83-38077

## DELAURIER, J.

Drag of wings with cambered airfoils and partial leading-edge suction  
p 716 A83-48220

## DELAURIER, J. D.

Aerodynamic estimation techniques for aerostats and airships  
p 136 A83-18404

Preliminary report on the engineering development of the Magnus Aerospace Corp LTA 20-1 heavy-lift aircraft  
p 327 A83-28193

A six-degree of freedom heavy lift airship flight simulation  
[AIAA PAPER 83-1988] p 522 A83-38914

Development of the Magnus Aerospace Corporation's rotating-sphere airship  
[AIAA PAPER 83-2003] p 523 A83-38922

Propulsive performance of 2-dimensional thin airfoils undergoing large-amplitude pitch and plunge oscillations  
[UTIAS-TN-226] p 180 A83-13074

## DELCHROIX, J. P.

The toxic nature of gases from the thermal decomposition of combustible materials  
[RAE-TRANS-2082] p 553 A83-28118

## DELEMONS, A. F. T.

Application of semi-rigid pavements in rapid runway repair  
p 175 A83-15289

## DELEO, R. V.

Advanced multiple output air data sensor for angle of attack, pitot and static pressure measurements  
p 34 A83-11098

## DELICHATSIS, M. A.

Computer modeling of aircraft cabin fire phenomena  
[PB83-119891] p 319 A83-22174

## DELLAMURA, F. A.

LEONARDO - A computer-aided engineering system  
[SAWE PAPER 1488] p 651 A83-43755

## DELMAS, J.

The modern concept of acceleration control Introduction to optimal command in a handling by objective structure  
p 543 A83-29267

## DELMORE, V. E.

Greenland 1979 microwave remote sensing data catalog report, 14-15 October 1979  
[NASA-TM-84571] p 362 A83-21730

## DELUCIA, R. A.

Rotor fragment protection program Statistics on aircraft gas turbine engine rotor failures that occurred in US commercial aviation during 1979  
[NASA-CR-188163] p 539 A83-29234

## DEMEIS, R.

Solar drones scan the earth  
p 150 A83-16872

## DEMENTEV, P. P.

Investigation of possible LTA craft application to solve national economy problems  
p 317 A83-28194

## DEMETRIADES, A.

The two-dimensional laminar wake with initial asymmetry  
p 581 A83-43454

## DEMIDOVICH, V. M.

An experimental study of ball bearings in the combined supports of the rotors of gas-turbine engines  
p 640 A83-42144

## DEMIN, F. I.

Calculation of the depth and hardness of the carburization layer of cylindrical parts  
p 350 A83-29282

## DEMOMENT, A.

A functionally reliable avionics systems  
p 272 A83-20196

## DEMOTT, L. R.

A7E/TF41 Engine Monitoring System (EMS)  
[ASME PAPER 83-GT-91] p 739 A83-47938

## DEMPSEY, T. K.

Residents' annoyance responses to aircraft noise events  
[NASA-TP-2121] p 707 A83-34713

## DENBOER, R. G.

Numerical and experimental investigation of the aerodynamics of double membrane sailing airfoil sections  
[VTH-LR-345] p 14 A83-11092

## DENERGY, D. G.

Design, development, and flight test of a demonstration advanced avionics system  
[NASA-TM-84323] p 270 A83-18721

## DENHOLLANDER, J. G.

Aerodynamic model identification from dynamic flight test data and wind tunnel experiments  
[VTH-LR-361] p 505 A83-27967

Identification of primary flight control system characteristics from dynamic measurements  
[VTH-LR-348] p 546 A83-28003

Aerodynamic model identification from dynamic flight test data and wind tunnel experiments  
p 604 A83-30371

## DENIS, M.

ARGHOS - A tool for schedule planning  
p 667 A83-45077

## DENNIS, S. T.

Unsymmetric laminated graphite/epoxy composite plate and beam analysis for determining coefficients of thermal expansion  
[AD-A128625] p 765 A83-35416

## DENTON, R. V.

Applications of autopath technology to terrain/obstacle avoidance  
p 23 A83-11255

## DENZA, E.

From aerostats to DC-10s - Recognition of certificates of airworthiness  
p 707 A83-45829

## DEO, R. B.

A building block approach to design verification testing of primary composite structure  
[AIAA 83-0947] p 356 A83-29775

## DEPALMA, L. M.

LORAN-C gnd calibration requirements for aircraft non-precision approach  
[AD-A121191] p 260 A83-18706

## DEPUE, D.

Airport use and access  
p 572 A83-39698

## DERBUNOVICH, G. I.

Optimum wire screens for control of turbulence in wind tunnels  
p 417 A83-33772

## DEREVIANKO, A. V.

Analytical profiling of turbine blades  
p 200 A83-16010

## DEROSE, R.

Application of strain gauges and thermocouples to rotating and stationary hardware  
p 215 A83-12266

Signal transmission via sliprings and telemetry  
p 216 A83-12267

## DEROSE, R. D.

The measurement of turbomachinery stator-to-drum running clearances  
[ASME PAPER 83-GT-204] p 743 A83-48005

## DERVIEUX, A.

Transonic Euler simulations by means of finite element explicit schemes  
[AIAA PAPER 83-1924] p 503 A83-39378

## DESAI, M. N.

A new approach to fault-tolerant helicopter swashplate control  
[AIAA PAPER 83-2485] p 750 A83-48345

## DESMARIS, J.

Nitrogen ceramics in France  
p 757 A83-48310

## DESMARIS, L. A.

Evaluation of advanced airplane fire extinguishants  
[AIAA PAPER 83-1141] p 508 A83-38076

Operational effects of increased freeze point fuels in military airplanes  
[AIAA PAPER 83-1139] p 550 A83-38077

## DESMARIS, R. N.

Prediction of transonic flutter for a supercritical wing by modified strip analysis  
p 62 A83-10190

## DESOPO, D. A.

Oceanic Area System Improvement Study (OASIS) Volume 9 Flight cost model description  
[FAA-EM-81-17-VOL-9] p 201 A83-16321

- DESOPPER, A.**  
Finite difference modeling of rotor flows including wake effects  
[ONERA, TP NO 1982-114] p 243 A83-24326
- DESPER, O. E.**  
Advanced composite elevator for Boeing 727 aircraft, volume 2  
[NASA-CR-159258] p 205 N83-16330
- DESTARAC, D.**  
Viscous effects on a swept wing in transonic flow  
[AIAA PAPER 83-1804] p 497 A83-38638
- DESTUYNDER, R.**  
Flight flutter testing with emphasis on the tip vane method  
[ONERA, TP NO 1982-109] p 152 A83-18435  
Flight flutter testing with emphasis on the tip vane method  
p 628 N83-30381
- DETMAN, T.**  
Radar detection of wingtip vortices  
p 501 A83-38748
- DEVAULT, H. J.**  
A qualitative analysis of SAC aircraft maintenance  
[AD-A122815] p 311 N83-20908
- DEVEIKIS, W. D.**  
Effects of flow separation and cove leakage on pressure and heat-transfer distributions along a wing-cove-elevon configuration at Mach 6.8  
[NASA-TP-2127] p 561 N83-28378
- DEVEREUX, R. S. G.**  
The effect of water displacing corrosion preventives on stress corrosion cracking of aluminum alloy 7075-T651  
[ARL-MAT-NOTE-132] p 60 N83-10173
- DEVILLER, D.**  
The simulation of fatigue loads in aeronautics  
p 219 A83-23241
- DEVOR, R. E.**  
Sampling strategies for monitoring noise in the vicinity of airports  
p 570 A83-37731
- DEVORE, C. R.**  
Application of multiple objective optimization techniques to finite element model tuning  
[AIAA 83-1010] p 356 A83-29796  
Structural model tuning via vector optimization  
[AD-A124791] p 477 N83-26103
- DEWAAL, J. F.**  
Canadian forces tracker aircraft full-scale fatigue test at the National Aeronautical Establishment  
p 433 A83-33548
- DEWEY, D. E.**  
Advanced avionics systems for multimission applications, volume 1  
[AD-A121793] p 271 N83-19749
- DEWINTER, G.**  
Antitank missiles night fining from Aerospatiale helicopters  
[SNIAS-822-320-101] p 58 N83-10102
- DEWISPELARE, A. R.**  
Investigation of landing gear alternatives for high performance aircraft  
p 261 A83-24030  
Application of multiple objective optimization techniques to finite element model tuning  
[AIAA 83-1010] p 356 A83-29796  
Finite element model tuning via multiple objective optimization techniques  
p 641 A83-42542  
State space model concept for evaluating survivability methodologies for aircraft design  
p 598 A83-42567  
Vector optimization applied to survivability methodology evaluation  
p 651 A83-42568
- DEXTER, H. B.**  
Durability of commercial aircraft and helicopter composite structures  
p 61 N83-11243
- DEXTER, H. B.**  
Durability of aircraft composite materials  
p 211 N83-12164
- DEYST, J. J., JR.**  
Integration of navigation resources in modern avionics systems  
p 254 A83-24852
- DEZHIN, V. N.**  
Lasers in aviation  
p 229 A83-20384
- DI GIORGIO, L.**  
Airline requirements for future civil transport aircraft  
[AIAA PAPER 83-2501] p 719 A83-48354
- DI RUSSO, E.**  
Design analysis of a self-acting spiral-groove ring seal for counter-rotating shafts  
[AIAA PAPER 83-1134] p 474 A83-36239
- DICARLO, D. J.**  
Wing modification for increased spin resistance  
[SAE PAPER 830720] p 627 A83-43327
- DICK, D. A.**  
B-52 operations in the Bright Star 82 exercise  
p 317 A83-29204
- DICKSON, C. I.**  
Aviation turbine fuels, 1982  
[DE83-010848] p 758 N83-35165
- DIECKMANN, J. T.**  
Evaluating Scroll refrigerant compressors for reducing size and weight of military aircraft ECS  
[SAE PAPER 820877] p 263 A83-25771
- DIEDRICH, J. H.**  
Turbofan blade stresses induced by the flow distortion of a VTOL inlet at high angles of attack  
[NASA-TM-82963] p 194 N83-17509
- DIEKMANN, V. I.**  
UH-60A light icing envelope evaluation with the blade deicing kit installed but inoperative  
[AD-A125630] p 528 N83-27987
- DIETENBERGER, M. A.**  
A proposed simple and safe aircraft take-off or landing procedure with wing roughness or protuberances  
[AIAA PAPER 83-0604] p 153 A83-19594  
A model for nocturnal frost formation on a wing section Aircraft takeoff performance penalties  
[NASA-CR-3733] p 768 N83-36598
- DIETRICH, H. J.**  
Increased energy exploitation in cooled high-temperature turbines  
p 738 A83-47202
- DIETZ, R. O.**  
Wind tunnel flow quality and data accuracy requirements  
[AGARD-AR-184] p 376 N83-23276
- DIGENOVA, R. R.**  
Design of glass-faced helicopter windshields for survival in a particle impact environment  
[AIAA PAPER 83-2439] p 726 A83-48328
- DIJKSHOORN, W.**  
Flight development and certification - How efficient can it be?  
p 387 A83-32929
- DILL, J.**  
Feasibility of dry lubrication for limited-duty gas turbine engines  
[AIAA PAPER 83-1130] p 475 A83-36405
- DILLMANN, B. R.**  
Traffic alert and collision avoidance system logic evaluation Volume 1 Unequipped threat phase  
[AD-A118256] p 28 N83-11106
- DING, Q.**  
Complex combined curve design and fitting - A B-spline multiple knot method  
p 651 A83-43699
- DINGYAN, L.**  
A computational geometry method for blade space geometric design  
p 165 N83-15260
- DINI, D.**  
Rotor-fuselage interference on engine internal aerodynamics in maneuvering high-speed rotorcraft  
p 193 N83-17480
- DIRUSSO, E.**  
Design analysis of a self-acting spiral-groove ring seal for counter-rotating shafts  
[NASA-TM-83346] p 393 N83-23306  
Design analysis of a self-acting spiral-groove ring seal for counter-rotating shafts  
[NASA-TP-2142] p 458 N83-25712
- DISALVO, G. D. M.**  
Fracture tough composites - The effect of toughened matrices on the mechanical performance of carbon fiber reinforced laminates  
p 294 A83-23642
- DISPARTE, C. P.**  
Full-authority fault-tolerant electronic engine control system for variable cycle engines  
[AD-A121746] p 359 N83-21357
- DITTMAR, J. H.**  
Noise of the 10-bladed, 40 deg swept SR-6 propeller in a wind tunnel  
[NASA-TM-82950] p 74 N83-11840  
Noise of the 10-bladed 60 deg swept SR-5 propeller in a wind tunnel  
[NASA-TM-83054] p 367 N83-23112  
A preliminary comparison between the SR-6 propeller noise in flight and in a wind tunnel  
[NASA-TM-83341] p 412 N83-24287
- DIX, R. E.**  
Development of analytical and experimental techniques for determining store airload distributions  
p 8 A83-13077
- DMITRIEV, A. A.**  
The Ka-26 helicopter  
p 437 A83-36448
- DMITRIEV, I. I.**  
Aviation filters for fuels, oils, hydraulic fluids, and air  
p 327 A83-28813
- DNEPROVSKII, V. I.**  
Comparative analysis of the efficiency of practical realizations of the Kalman algorithm  
p 735 A83-48518
- DOANE, D.**  
An integrated user-oriented laboratory for verification of digital flight control systems Features and capabilities  
[NASA-TM-84276] p 47 N83-10048
- DOANE, P. M.**  
F/A-18A Inflight Engine Condition Monitoring System (IECMS)  
[AIAA PAPER 83-1237] p 453 A83-36300
- DOANE, T. R.**  
Sublethal effects of JP-4 on *Lepomis macrochirus*  
[AD-A128618] p 758 N83-35163
- DOBBS, G. M.**  
CARS temperature and species measurements in augmented jet engine exhausts  
[AIAA PAPER 83-1294] p 455 A83-36328
- DOBEK, L. J.**  
Increasing the wear life of gas turbine engine roller bearings  
p 184 N83-15507
- DOBRYNSKI, W.**  
Ground reflection effects in measuring propeller aircraft flyover noise  
[ESA-TT-742] p 571 N83-28992
- DOBZHENKO, V. N.**  
Investigation of the combined regulation of the intermediate stage of a centrifugal compressor by an axial regulating apparatus and a two-row diffuser  
p 407 A83-33149
- DOCKEN, R. G., JR.**  
Theoretical gust response prediction of a Joukowski airfoil  
p 580 A83-42536  
Gust response prediction of an airfoil using a modified von Karman-Pohlhausen technique  
[AD-A124718] p 461 N83-25718
- DOCTOR, L. B.**  
Legislative developments affecting the aviation industry 1981-1982  
p 572 A83-39043
- DOCTOR, P. G.**  
Develop in-flight acoustic emission monitoring of aircraft to detect fatigue crack growth  
p 195 A83-15197
- DODDS, W. J.**  
NASA clean catalytic combustor program  
[ASME PAPER 82-JPGC-GT-11] p 295 A83-25269  
Methanol combustion in a CF6-80A engine combustor  
[AIAA PAPER 83-1138] p 469 A83-36241
- DODGE, L. G.**  
Sooting tendency of fuels containing polycyclic aromatics in a research combustor  
p 225 A83-23138  
Drop size measurements in evaporating realistic sprays of emulsified and neat fuels  
[ASME PAPER 83-GT-231] p 756 A83-48027
- DODGE, P. R.**  
The impact of three-dimensional analysis on fan design  
[ASME PAPER 83-GT-136] p 740 A83-47963
- DODGE, R. E.**  
Aircraft accident survivors as witnesses  
p 196 A83-20788
- DODGE, R. N.**  
Recent aircraft tire thermal studies  
[SAE PAPER 821392] p 517 A83-37968
- DOGGETT, P. A.**  
Lightning protection design and lightning threat flight clearance of a fly-by-wire flight control system for an unstable aircraft  
p 629 N83-31234
- DOGGETT, R. V., JR.**  
Evaluation of four subcritical response methods for on-line prediction of flutter onset in wind tunnel tests  
p 753 A83-48212  
Aeroelastic instability stoppers for wind tunnel models  
[NASA-CASE-LAR-12458-1] p 361 N83-21503  
Aeroelastic instability stoppers for wind tunnel models  
[NASA-CASE-LAR-12720-1] p 361 N83-21504
- DOKKO, W.**  
Application of thermochemical modeling to aircraft interior polymers materials  
[NASA-CR-169384] p 211 N83-12237
- DOLADILLE, F.**  
D L A O A support system for defining avionics software  
p 335 N83-22119
- DOLBEARE, R.**  
Vibration isolation system development for the FB-111 tail pod electronics  
p 150 A83-16932
- DOLEZAL, Z.**  
Excitation and vibration of flexible bladed disks under operating and simulated operation conditions  
p 449 A83-35881
- DOLLYHIGH, S. M.**  
Stability and control characteristics at Mach numbers 1.60 to 2.86 of a variable-sweep fighter configuration with supercritical airfoil sections  
[NASA-TM-X-2284] p 52 N83-11141
- DOLNY, L. J.**  
Full-authority fault-tolerant electronic engine control system for variable cycle engines  
[AD-A121746] p 359 N83-21357
- DOMALSKI, J. T.**  
Theoretical determination of the lift of a simulated ejector wing  
[AD-A124695] p 425 N83-25670

## DOMINIC, R. J.

- DOMINIC, R. J.**  
Analytical and experimental investigation of turbine blade damping  
[AD-A120470] p 213 N83-16345
- DOMINICK, F.**  
Fuel conservation evaluation of US Army helicopters Part 3 UH-1H flight testing  
[AD-A125667] p 527 N83-27985
- DOMINY, R. G.**  
The evaluation of some collision models used for Monte-Carlo calculations of diatomic rarefied hypersonic flows  
[IC-AERO-82-03] p 583 N83-30396
- DOMKE, A. E.**  
Computerized engine and airplane performance monitoring programs p 188 N83-17465
- DOMKIN, E. I.**  
The effect of the jet fuel temperature on wear rates during the friction of sliding and rolling p 210 N83-16145
- DOMZALSKI, L. P.**  
Development of a variable-load energy absorber p 248 N83-25896
- DONATELLI, D. A.**  
Pressure investigation of NASA leading edge vortex flaps on a 60 deg Delta wing  
[NASA-CR-169984] p 244 N83-18672  
An experimental study of pressures on 60 deg Delta wings with leading edge vortex flaps  
[NASA-CR-172833] p 583 N83-31576
- DONATH, R. C.**  
Statistical crack propagation in fastener holes under spectrum loading  
[AIAA 83-0808] p 356 A83-29808
- DONE, G. T. S.**  
Further advances in helicopter vibration control p 334 N83-22477
- DONG, Q.**  
The prediction of performance of turbojet engine with distorted inlet flow and its experimental studies p 446 A83-35832
- DONG, Y.**  
Extracting the comprehensive characteristics in terms of similar parameters from flight test p 675 A83-44570
- DONLEY, S. T.**  
Helmet mounted display symbology for helicopter landing on small ships p 196 A83-16134  
Evaluation of control and display configurations for helicopter shipboard operations  
[AIAA PAPER 83-2486] p 734 A83-48346
- DONNELLY, J. J.**  
Aspects of the reliability and maintenance of turboprops and large turbofan engines  
[PNR-90113] p 45 N83-11135
- DONNELLY, J. P.**  
Damage tolerance and reparability of advanced composite structures p 222 A83-20484
- DONNELLY, R. P.**  
Propeller noise at model- and full-scale p 222 A83-15314
- DOONAN, J. G.**  
A high speed wind tunnel test evaluation of STOL dedicated advanced exhaust nozzle concepts  
[AIAA PAPER 83-1225] p 421 A83-36292
- DOOTSON, M.**  
The development of advanced composite front fuselage technology p 202 A83-20464
- DORWARD, F.**  
Static and damage tolerance tests of an advanced composite vertical fin for L-1011 aircraft  
[AIAA 83-0970] p 328 A83-29780
- DOSANJH, D. S.**  
Coaxial supersonic jet-flows, shock structure and related problems with noise-suppression assessment and prediction  
[AIAA PAPER 83-0707] p 366 A83-28011  
Aeroacoustics of supersonic porous plug-nozzle flows  
[AIAA PAPER 83-0775] p 411 A83-31325  
Aeroacoustics of a porous plug supersonic jet noise suppressor  
[NASA-CR-169977] p 309 N83-19576
- DOSWELL, B. E.**  
Stimulation versus simulation p 185 A83-16332
- DOTSENKO, Y. N.**  
Method of studying the operating temperature of gas turbines  
[PNR-90159] p 460 N83-26842
- DOTSON, B. F.**  
Strength-flutter structural optimization of a supersonic cruise combat aircraft p 730 A83-49190
- DOTY, J. L.**  
A study of model deflection measurement techniques applicable within the national transonic facility  
[NASA-CR-165853] p 181 N83-13075

- DOUGLAS, C. A.**  
A state-of-the-art survey of the development of taxiway guidance and control systems  
[AD-A117520] p 58 N83-11150
- DOUGLAS, J.**  
Radiation pyrometry in gas turbine research and development  
[PNR-90116] p 68 N83-11485
- DOUGLAS, R.**  
MIMO controller design for longitudinal decoupled aircraft motion  
[AIAA PAPER 83-2274] p 623 A83-41740
- DOUGLASS, R. D.**  
Airport and highway noise control, planning and analysis  
[PB83-153692] p 560 N83-28290
- DOUP, P. W.**  
General basic concepts for a trajectory simulation of a guided missile  
[PML-1981-36] p 221 N83-17574
- DOUVILLE, A. K.**  
A life cycle cost management primer for use within the Aeronautical Systems Division  
[AD-A127267] p 654 N83-31519
- DOVEY, J. R. J.**  
Comparison of flight loads measurements results and prediction for Tornado p 605 N83-30378
- DOVI, A.**  
Structural optimization by multilevel decomposition  
[AIAA 83-0832] p 355 A83-29741
- DOVIK, R. J.**  
Optimum siting of NEXRAD to detect hazardous weather at airports p 304 A83-24037  
Radar detection of low level wind shear affecting aircraft terminal navigation p 322 A83-28784
- DOWDLE, J. R.**  
Nonlinear generalized likelihood ratio algorithms for maneuver detection and estimation p 511 A83-37136
- DOWELL, E. H.**  
Design of dry-friction dampers for turbine blades p 450 A83-35883
- DOWLING, A. P.**  
Investigation of fixed-rake sampling system for the assessment of emission characteristics of gas turbine engines  
[ASME PAPER 83-GT-72] p 738 A83-47925
- DOWNING, D. R.**  
Ride quality systems for commuter aircraft  
[NASA-CR-166118] p 397 N83-24512  
Restructurable controls problem definition and future research p 688 N83-33899
- DOWNS, G. T.**  
Airworthiness and flight characteristics test Part 2 YAH-64 advanced attack helicopter  
[AD-A125270] p 442 N83-25705  
Fuel conservation evaluation of US Army helicopters Part 5 AH-1S slight testing  
[AD-A128532] p 608 N83-31601  
Airworthiness and Flight Characteristics (AFC) test of YAH-64 advanced attack helicopter, Prototype Qualification Test-Government (PQT-G), part 3 and Production Validation Test-Government (PVT-G) for handbook verification  
[AD-A130524] p 734 N83-36025
- DRAGO, R. J.**  
Developments in the design, analysis, and fabrication of advanced technology transmission elements p 298 A83-24832
- DRAPER, A. C.**  
Aerospace technology demonstrators/research and operational options  
[AIAA PAPER 83-1054] p 438 A83-36465
- DREHER, J. F.**  
Aircraft equipment random vibration test criteria based on vibrations induced by turbulent airflow across aircraft external surfaces  
[AD-A123281] p 440 N83-25696
- DRESS, D. A.**  
Cryogenic wind tunnels for high Reynolds number testing p 398 A83-32175  
High Reynolds number tests of the CAST 10-2/DOA 2 airfoil in the Langley 0.3-meter transonic cryogenic tunnel, phase 1  
[NASA TM-84620] p 424 N83-25660
- DRESSER, M. M.**  
Reconnaissance of the year 2000 and beyond p 186 A83-22577
- DREVET, J. P.**  
Comparative trials of helicopter rotors in a wind tunnel  
[ONERA, TP NO 1982-119] p 243 A83-24330
- DREVLON, M.**  
Vectored thrust afterbody nozzles for future combat aircraft p 448 A83-35859
- DREWRY, J. E.**  
Coaxial dump combustor investigations p 459 N83-26791

## PERSONAL AUTHOR INDEX

- DREXLER, J.**  
A contribution to airworthiness certification of gas turbine disks p 449 A83-35872
- DRIGGERS, H. H.**  
The application of energy saving concepts to future fighter/attack aircraft design  
[AIAA PAPER 83-0092] p 149 A83-16516
- DRING, R. P.**  
Negative incidence flow over a turbine rotor blade  
[ASME PAPER 83-GT-23] p 713 A83-47888  
Axial compressor middle stage secondary flow study  
[NASA-CR-3701] p 505 N83-29174
- DRINKWATER, J. K.**  
Airport and highway noise control, planning and analysis  
[PB83-153692] p 560 N83-28290
- DRIVER, C.**  
Progress in supersonic cruise technology p 576 A83-43025
- DROGIN, E. M.**  
High speed data link concepts for military aircraft p 36 A83-11233
- DROUILHET, P. R.**  
Mode S beacon system Functional description  
[ATC-42-REV-B] p 188 N83-13086  
Overview of United States program for modernizing air traffic control and airway facilities p 325 N83-22184  
Mode S beacon system Functional description  
[ATC-42-REV-C] p 698 N83-33016
- DRUMMOND, J. P.**  
Numerical study of scramjet and ramjet flow fields p 685 N83-33887
- DU, G.**  
A new method of boundary layer correction in the design of supersonic wind tunnel nozzle p 659 A83-44561
- DUBIEL, D. J.**  
Energy efficient engine sector combustor rig test program  
[NASA-CR-167913] p 283 N83-19753
- DUBIN, G. N.**  
Flow in a hypersonic boundary layer on a delta wing of finite length at angle of attack p 581 A83-43522
- DUBNISHCHEV, I. U. N.**  
Methods of laser Doppler anemometry p 559 A83-40605
- DUBOIS, M.**  
Feasibility study on strain gauge balances for cryogenic wind tunnels at ONERA  
[ONERA, TP NO 1982-87] p 206 A83-14539
- DUBRO, G.**  
Airborne measurements of the risetimes in lightning return stroke fields p 649 N83-31200
- DUBUC, C. E.**  
Legislative developments affecting the aviation industry 1981-1982 p 572 A83-39043
- DUCHATILLIER, R.**  
Rapid runway repair program subtask 1.08 Concrete cutting equipment evaluation  
[AD-A127336] p 631 N83-30440
- DUCKWORTH, D. J.**  
Advanced castings in the design of military aircraft p 178 N83-15429
- DUDANI, N.**  
Experiences in medical coverage of airport disasters at Logan International Airport in Boston p 509 A83-40356
- DUDANI, S. A.**  
Target acquisition and extraction from cluttered backgrounds p 268 A83-23531
- DUDIN, G. N.**  
A method for calculating the regime of strong viscous interaction on a delta wing p 716 A83-48664
- DUDIN, L. A.**  
The relationship between the aerodynamics of a combustion chamber and the dynamics of heat release p 273 A83-23446
- DUDKIN, V. T.**  
The relationship between the aerodynamics of a combustion chamber and the dynamics of heat release p 273 A83-23446
- DUDMAN, A. E.**  
Development of a cost effective approach to modelling aircraft response to repaired runways p 157 N83-15293
- DUDZINSKI, E. C.**  
Software optimization for array processors An AP-120B Kalman filter  
[AD-A119221] p 189 N83-14973
- DUEKER, M.**  
Condensation studies in cryogenic nitrogen expansions p 465 N83-25720
- DUFF, B. M.**  
Electrostatic voltage sensors for helicopter dischargers p 612 N83-31188



- DUFF, W. G.**  
Composite material aircraft electromagnetic properties and design guidelines [AD-A124016] p 470 N83-25795
- DUFFY, J. V.**  
Polyurethane foams for aircraft shock mounts 4 Other polyols [AD-A119399] p 178 N83-14287
- DUFFY, J. W.**  
A flight investigation of simulated data-link communications during single-pilot IFR flight. Volume 2 Flight evaluations [NASA-CR-3653] p 146 N83-14098
- DUGAN, D. C.**  
Helical automatic approaches of helicopters with microwave landing systems [NASA-TP-2109] p 260 N83-18704
- DUGANOV, V. V.**  
Application of numerical methods to the calculation of the characteristics of supersonic and hypersonic jet-engine air intakes p 494 A83-37532
- DUGGAL, R.**  
Life development of components/systems of aircraft p 64 A83-12657
- DUGUNDJI, J.**  
Flutter and forced response of mistuned rotors using standing wave analysis [AIAA 83-0845] p 357 A83-29823  
Some experiments on Yaw stability of wind turbines with various coning angles [NASA-CR-168108] p 362 N83-22740  
Development of methodology for horizontal axis wind turbine dynamic analysis [NASA-CR-168110] p 362 N83-22747
- DUH, J.**  
Development of monofilar rotor hub vibration absorber [NASA-CR-166088] p 549 N83-29272
- DUKE, E. L.**  
Development of a flight test maneuver autopilot for a highly maneuverable aircraft [AIAA PAPER 83-0061] p 168 A83-16493  
The application and results of a new flight test technique [AIAA PAPER 83-2137] p 598 A83-41959  
Experience with flight test trajectory guidance p 675 A83-45470
- DUKE, L. C.**  
Current designs, future possibilities and programmatic suggestions p 353 N83-22452
- DUKES, T. A.**  
Helmet mounted display symbology for helicopter landing on small ships p 196 A83-16134
- DULIKRAVICH, G. S.**  
Efficient computational grid generation for three-dimensional aircraft configurations [AIAA PAPER 83-2557] p 729 A83-48376
- DUMESNIL, C. E.**  
Fatigue life evaluation of the A-7E arresting gear hook shank p 175 A83-13912
- DUNAWAY, R.**  
Status of the calibration support of the Navy ATE p 1 A83-10786
- DUNBAR, W. G.**  
High voltage testing Volume 2 Specifications and procedures [AD-A122355] p 360 N83-22517  
High voltage design guide Volume 4 Aircraft [AD-A129530] p 766 N83-36372
- DUNCAN, J. C.**  
Neodymium YAG laser in airborne systems p 609 A83-42835
- DUNET, G.**  
Optical sensor for measurement of position and deformations of models in wind tunnel p 64 A83-12347
- DUNFORD, P. J.**  
A piloted simulator investigation of side-stick controller/stability and control augmentation system requirements for helicopter visual flight tasks [NASA-CR-172852] p 754 N83-36041
- DUNHAM, R. E., JR.**  
Low-altitude wind measurements from wide-body jet transports [NASA-TM-84538] p 15 N83-10024
- DUNINA, R. A.**  
The aviation and radioelectronic equipment of the Yak-18T aircraft p 195 A83-13814
- DUNN, G. L.**  
Terrain following/terrain avoidance for advanced penetrating aircraft p 20 A83-11148  
Integrated electrical power and avionics control system p 40 A83-11205
- DUNN, M. G.**  
Current studies at Calspan utilizing short-duration flow techniques p 290 A83-26128
- Measurement and analyses of heat flux data in a turbine stage I - Description of experimental apparatus and data analysis [ASME PAPER 83-GT-121] p 740 A83-47950
- Measurement and analyses of heat flux data in a turbine stage II - Discussion of results and comparison with predictions [ASME PAPER 83-GT-122] p 740 A83-47951
- DUNNING, E. G.**  
Advanced composite aileron for L-1011 transport aircraft. Design and analysis [NASA-CR-165635] p 606 N83-30406  
Advanced composite aileron for L-1011 transport aircraft. Aileron manufacture [NASA-CR-165718] p 635 N83-30522
- DUNOYE, D.**  
Assessment of Houston Airport WEDway Automated Transit System [PB83-210443] p 754 N83-38042
- DUPCAK, J. D.**  
Re-engining studies on the P-3 aircraft [SAE PAPER 821445] p 519 A83-37993
- DUPRIEZ, F.**  
Materials and modelling technology for cryogenic environment p 465 N83-25723
- DURET, C.**  
Aluminate coatings on superalloys [ONERA, TP NO 1983-68] p 756 A83-48189
- DURGIN, F. H.**  
Current problems in turbomachinery fluid dynamics [AD-A126476] p 747 N83-34949
- DURSTON, D. A.**  
Seven-hole cone probes for high angle flow measurement Theory and calibration p 474 A83-36085  
Experimental wing and canard jet-flap aerodynamics [AIAA PAPER 83-0081] p 715 A83-48211
- DUSA, C. J.**  
Performance capability of a Compact Multimission Aircraft Propulsion Simulator [AIAA PAPER 83-1358] p 464 A83-36356
- DUSA, D. J.**  
Development of a turbojet engine simulator for scale model wind tunnel testing of multi-mission aircraft p 447 A83-35848  
Advanced technology exhaust nozzle development [AIAA PAPER 83-1286] p 496 A83-38080
- DUSKIN, F. E.**  
The optimization of aircraft seat cushion fire-blocking layers Full Scale Test description and results [NASA-CR-166418] p 16 N83-11097
- DVORSKY, L. A.**  
Airport Surface Detection Equipment (ASDE)-3 improvements test and evaluation [DOT/FAA/RD-82/23] p 187 N83-12063
- DWIGGINS, D.**  
The complete book of cockpits p 37 A83-11575
- DYATLOV, I. N.**  
Comparative evaluation of gas-turbine engine combustion chamber starting and stalling characteristics for mechanical and air-injection [NASA-TM-77024] p 684 N83-32805
- DYER, R.**  
Advances in methods for predicting store aerodynamic characteristics in proximity to an aircraft [AIAA PAPER 83-0266] p 133 A83-16622
- DYER, R. D.**  
A new approach to weapon separation aerodynamics p 177 A83-13164
- DYKE, R. W.**  
Developments in air cushion vehicle spray suppression p 486 A83-35056
- DYLEVSKI, I. V.**  
An algorithm of flight simulation on a dynamic stand of support type p 462 A83-34429
- DZYGDALO, Z.**  
Finite element strength analysis of rotating shell-plate structures p 229 A83-21448  
Numerical analysis of natural, coupled, longitudinal-lateral vibrations of an asymmetric aeroplane p 641 A83-42334
- EARLE, R. V.**  
Rotorcraft convertible engine study [NASA-CR-168161] p 537 N83-27996
- EARLS, M. R.**  
HiMAT onboard flight computer system architecture and qualification p 529 A83-37061
- EASTEP, F. E.**  
Active suppression of aeroelastic instabilities on a forward swept wing [AIAA 83-0991] p 341 A83-29869
- Control of forward swept wing aeroelastic instabilities using active feedback systems [AIAA PAPER 83-2220] p 621 A83-41701
- EASTER, R. C.**  
Composite design of an advanced airborne monitoring system [DE82-006980] p 235 N83-18106
- EASTMAN, D. W.**  
Aerodynamics characteristics of a canard controlled high fineness ratio missile [AIAA PAPER 83-1839] p 545 A83-38668
- EASTOP, T. D.**  
Thermal cycling in compact plate-fin heat exchangers p 445 A83-34253
- EATON, J. A.**  
Added fluid mass and the equations of motion of a parachute p 715 A83-48145
- EBERHARD, J. W.**  
Ultrasonic tomography for nondestructive evaluation p 63 A83-11505
- EBERL, R. J.**  
Life cycle cost applications to conceptual designs [SAE PAPER 1479] p 654 A83-43748
- EBERLE, A.**  
Reynolds number effects on transonic shock location p 347 N83-20961
- EBERSOLE, J. F.**  
Obscuration by helicopter-produced snow clouds p 197 A83-22357
- ECCLES, E. S.**  
Comparison of an experience with full authority digital engine controls in rotary wing and jet-lift VSTOL aircraft [AIAA PAPER 83-1241] p 454 A83-36304  
The purpose, the principles and the problems of fault tolerant systems [ASME PAPER 83-GT-59] p 738 A83-47915
- ECKARD, G. J.**  
Innovative concepts for tactical STOL [AIAA PAPER 83-2129] p 597 A83-41952
- ECKARDT, D.**  
Jet engines for airliners of the next generation [DGLR PAPER 82-069] p 274 A83-24183
- ECKBRETH, A. C.**  
CARS temperature and species measurements in augmented jet engine exhausts [AIAA PAPER 83-1294] p 455 A83-36328
- ECKELS, W. E.**  
Civil transport aircraft design methodology [AIAA PAPER 83-2463] p 731 A83-49579
- ECKERMAN, J.**  
The outlook for precipitation measurements from space p 410 N83-25316
- ECKERT, D.**  
The German-Dutch wind tunnel as an aid in aircraft development [DGLR PAPER 82-050] p 289 A83-24173
- ECKERT, E. R. G.**  
Curvature effects on the heat transfer performance of three-dimensional film cooling of gas turbine blades [AD-A119729] p 164 N83-14131
- ECKERT, W. T.**  
The aerodynamic performance of several flow control devices for internal flow systems [NASA-TP-1972] p 221 N83-17560
- ECKHARDT, H.**  
Air traffic control problems in the field of general aviation p 509 A83-38931
- ECKLUND, H.**  
DAS, a DME-supported multifunction system with a wide applications range for distance and angle measurements with data transfer p 722 A83-47199
- EDAH, R. A., JR.**  
Laboratory evaluation of an airborne ozone instrument that compensates for altitude/sensitivity effects p 681 A83-45618
- EDSON, R.**  
Application of active control landing gear technology to the A-10 aircraft [NASA-CR-166104] p 546 N83-27998
- EDWARDS, A. J.**  
Heat transfer and skin friction measurements in a hypersonic turbulent boundary layer at M = 9 [IC-AERO-82-04] p 583 N83-30397
- EDWARDS, G. F.**  
The use of free-flight models for the prediction of departure control p 593 N83-30368
- EDWARDS, J. W.**  
Flight test results of an active flutter suppression system p 216 A83-22164  
Airfoil shape and thickness effects on transonic airloads and flutter [AIAA 83-0959] p 329 A83-29860  
Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft [NASA-TM-84901] p 265 N83-18710

## E

- Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft p 628 N83-30380
- EGAWA, K**  
Strain measurement of acoustically excited aircraft structures at elevated temperatures p 297 A83-23366
- EGER, S M**  
Aircraft design (3rd revised and enlarged edition) p 726 A83-48100
- EGGLESTON, D S**  
Computational Methods for Ramjets JPM Specialist Session [AD-A128297] p 685 N83-33885
- EHENBERGER, L J**  
Numerical simulation of the atmosphere during a CAT encounter p 565 A83-38764
- EHINGER, M**  
Aerodynamic compliant bearings for small turbo-engines p 185 N83-15537
- EHLERS, F E**  
A three degree-of-freedom, typical section flutter analysis using harmonic transonic air forces [AIAA PAPER 83-0960] p 406 A83-32797
- EHLERS, R C**  
A variable-geometry combustor used to study primary and secondary zone stoichiometry [NASA-TM-83372] p 537 N83-27995
- EHRENSTROM, W A**  
A lateral-directional controller for high-angle-of-attack flight [AD-A128579] p 630 N83-31609
- EHRESMAN, C M**  
Effect of humidity on jet engine axial-flow compressor performance p 448 A83-35856
- EICHER, N**  
Parametrically excited vibrations in theory and practice p 407 A83-32961
- EISELE, S**  
Recovery system for the Lockheed Aquila RPV p 630 A83-43724
- EISENBERG, J D**  
Rotorcraft convertible engines for the 1980s [NASA-TM-83008] p 201 N83-12091
- EISMONT, V A**  
The effect of the nonuniformity of supersonic flow with shocks on friction and heat transfer in the channel of a hypersonic ramjet engine p 211 A83-22654
- ELISS, N S, JR**  
A fundamental approach to the sticking of insect residues to aircraft wings [NASA-CR-173063] p 679 N83-33875
- EITENMILLER, K G**  
An electromechanical primary flight control actuation system for military transport aircraft [AIAA PAPER 83-2195] p 620 A83-41680
- EJIRI, H**  
The estimation method on flutter boundary from subcritical random responses due to air turbulences Problems of test procedures and data analysis [NAL-TR-718] p 217 N83-17554
- EKSTEDT, E E**  
NASA clean catalytic combustor program [ASME PAPER 82-JPGC-GT-11] p 295 A83-25269  
Methanol combustion in a CF61-80A engine combustor [AIAA PAPER 83-1138] p 469 A83-36241
- EKVALL, J C**  
Advanced manufacturing development of a composite empennage component for L-1011 aircraft Phase 2 Design and analysis [NASA-CR-165634] p 605 N83-30404
- EL MASRI, M A**  
A comparative study of the influence of different means of turbine cooling on gas turbine performance [ASME PAPER 83-GT-180] p 762 A83-47991
- EL SIBAIE, A M**  
The effect of variation of diffuser design on the performance of centrifugal compressors p 448 A83-35866
- EL-SOUDANI, S M**  
Institute of environmental sciences aircraft engine combustor casing life simulation for increased reliability p 391 A83-31493
- ELAM, W D**  
Video distribution requirements for future tactical aircraft p 21 A83-11182
- ELANGOVAN, R**  
Analysis of incompressible separated flow around an airfoil with a finite-gap flap p 662 N83-32745
- ELCHURI, V**  
Flutter analysis of advanced turbopropellers [AIAA 83-0846] p 357 A83-29824
- ELDER, R L**  
Initial findings during studies of the flow within a high speed impeller using a transit anemometer p 216 N83-12270
- ELDREDGE, D**  
Integrated assurance assessment of a reconfigurable digital flight control system [NASA-CR-170281] p 397 N83-24515  
Digital flight control system validation [AD-A124506] p 462 N83-26847
- ELIAS, A L**  
Computer-aided engineering - The AI connection p 569 A83-40307
- ELIASSON, R**  
A limited study of thrust vector control with guide vanes and jet rudder [FOA-C-20455-E3] p 221 N83-16386
- ELKIN, I U G**  
The effect of slot suction on the aerodynamic characteristics of an airfoil at transonic velocities p 494 A83-37552
- ELLE, B J**  
Worldwide aviation outlook [AIAA PAPER 83-1597] p 429 A83-36952
- ELLENS, E**  
Operational lighting at the Air Traffic Control Center (MILATCC) at New-Miligen [IZF-1982-28] p 698 N83-33035
- ELLENWOOD, P S**  
Powder pack protection for aircraft dry bays p 585 A83-42558
- ELLER, D H**  
Multiconfiguration Kalman filter design for high-performance GPS navigation p 257 A83-26262
- ELLIOTT, J W**  
Recent applications of a laser velocimeter in the Langley 4by 7-meter Wind Tunnel p 765 A83-50145
- ELLIOTT, T W**  
Parameters for design of reverberant acoustic chambers for testing air-carried missiles p 73 N83-10235
- ELLIS, D R**  
Airframe and engine integration and potential improvements p 353 N83-22451  
Multi-fuel rotary engine for general aviation aircraft [NASA-TM-83429] p 539 N83-29235  
Multi-fuel rotary engine for general aviation aircraft [NASA-TM-85428] p 748 N83-36031
- ELLIS, J R**  
Fatigue life evaluation of the A-7E arresting gear hook shank p 175 A83-13912
- ELLIS, R E**  
The in-service flight testing of some carbon fibre-reinforced plastic components p 599 A83-42808
- ELLIS, S R**  
Avoidance maneuvers selected while viewing cockpit traffic displays [NASA-TM-84269] p 16 N83-11098
- ELROD, W C**  
Gas turbine engine cascade wind tunnel with automatic data acquisition and control p 630 A83-42563  
Flow visualization investigation of choking cascade turns p 641 A83-42564
- ELSENAAR, A**  
Two-dimensional transonic testing method p 347 N83-20962
- ELSON, B M**  
U S Army considers Aquila RPV ready to field p 30 A83-13025  
Boeing gains real-time flight data p 172 A83-18270  
New computers will aid advanced designs p 704 A83-44102
- ELTON, D J**  
Non-contact, non-destructive airport pavement profile and deflection measurements [FAA-PM-83-14] p 400 N83-23325
- EMDE, B N**  
A hybrid facility for the simulation, development, and validation of ECS microprocessor based controls [SAE PAPER 820867] p 289 A83-25766
- EMERICK, M F**  
Vibration and destabilizing effects of floating ring seals in compressors p 187 N83-15642
- EMERSON, L D**  
Flight/propulsion control system integration [AIAA PAPER 83-1238] p 453 A83-36301
- EMERY, S A**  
Material characterization Part B Mechanical properties of 2 metal matrix composite materials [AD-A119829] p 225 N83-16402
- EMIN, O N**  
Features of the selection of the basic parameters of cooled GTE turbines p 211 A83-22655
- EMMAS, D E**  
New concept in hovercraft design diesel versus gas turbines p 485 A83-34860
- EMMEN, R D**  
Flight dynamics analysis and simulation of heavy lift airships Volume 1 Executive summary [NASA-CR 166471-VOL-1] p 344 N83-22207
- Flight dynamics analysis and simulation of heavy lift airships Volume 2 Technical manual [NASA-CR-166471-VOL-2] p 344 N83-22208  
Flight dynamics analysis and simulation of heavy lift airships, volume 4 User's guide Appendices [NASA-CR-166471-VOL-4] p 344 N83-22210  
Flight dynamics analysis and simulation of heavy lift airships Volume 5 Programmer's manual [NASA-CR-166471-VOL-5] p 344 N83-22211
- EMSLIE, B**  
The effect of backlash and trailing-edge strips on the flutter speed of a two-dimensional model of a tailplane with tab p 151 A83-18068
- ENDEMANN, D**  
Maternal, structural component, service life p 468 A83-33953
- ENDERS, J H**  
Summary Proceedings of a Wind Shear Workshop [NASA-CP-2270] p 410 N83-25265
- ENEVOLDSON, E K**  
'Light bar' attitude indicator p 197 A83-16136  
Experience with flight test trajectory guidance p 675 A83-45470  
Pilot human factors in stall/spin accidents of supersonic fighter aircraft [NASA-TM-84348] p 462 N83-26846
- ENGAR, R J**  
Development of advanced circulation control wing high lift airfoils [AIAA PAPER 83-1847] p 499 A83-38675
- ENGELL, S**  
Regulator design for the F100 turbofan engine p 612 A83-41492
- ENGLAND, M**  
Battle damage and repair of an advanced composite A-7 outer wing p 575 A83-42547
- ENGLANDER, K L**  
Design considerations for a electrical signal transmission subsystem /STS/ for the maximum performance ejection system /MPES/ p 191 A83-15442
- ENGLE, R M**  
An improved methodology for predicting random spectrum load interaction effects on fatigue crack growth p 224 A83-21802  
Improved damage-tolerance analysis methodology [AIAA 83-0863] p 355 A83-29751
- ENGLIN, B A**  
The effect of additive compositions on the oxidation stability of T-6 fuel p 58 A83-10458
- ENOMOTO, F Y**  
PAN AIR modeling studies [AIAA PAPER 83-1830] p 498 A83-38660
- ENVIA, E**  
Noise generation by a finite span swept airfoil [AIAA PAPER 83-0768] p 366 A83-28023
- EPPLER, R**  
Secondary loading of I-spar caps due to shear deformation of the web p 559 A83-39991
- EPSTEIN, A H**  
Current problems in turbomachinery fluid dynamics [AD-A126478] p 747 N83-34949
- ER-EL, J**  
The leading-edge vortex trajectories of close-coupled wing-canard configurations and their breakdown characteristics [AIAA PAPER 83-1817] p 498 A83-38649
- ERDMAN, A G**  
Design of plywood and paper flywheel rotors [DE83-002276] p 304 N83-20430
- ERHARD, W**  
Research on the thermomechanical stress in turbine disks under thermal manipulations p 337 A83-28667
- ERICKSON, G E**  
Experimental and analytical investigation of the subsonic aerodynamics of slender wings with leading-edge vortex flaps [AIAA PAPER 83-2113] p 579 A83-41940  
Modern fighter aircraft design for high-angle-of-attack maneuvering p 245 N83-18687
- ERICKSON, G G**  
Prelaunch survivability of Ground Launched Cruise Missile (GLCM) Volume 3 SAVAGE code version 1.0 user's guide [AD-A119023] p 155 N83-14113
- ERICKSON, G L**  
Development of the single crystal alloys CM SX-2 and CM SX 3 for advanced technology turbine engines [ASME PAPER 83-GT-244] p 756 A83-48034
- ERICKSON, J C, JR**  
Development of a three-dimensional adaptive wall test section with perforated walls p 349 N83-20973
- ERICKSON, L L**  
PAN AIR modeling studies [AIAA PAPER 83-1830] p 498 A83-38660

- ERICSSON, L. E.**  
Support interference in static and dynamic tests p 55 A83-11074  
Subsonic dynamic stall in pitching and plunging oscillations including large ground interference effects [AIAA 83-0889] p 313 A83-29836  
The fluid mechanics of slender wing rock [AIAA PAPER 83-1810] p 497 A83-38643  
Flat spin of bodies with circular cross-section [AIAA PAPER 83-2147] p 626 A83-41968
- ERIKSEN, L. E.**  
The effects of the Production Oriented Maintenance Organization (POMO) concept on ADTAC aircraft maintenance productivity and quality [AD-A123981] p 416 A83-25655
- ERIKSSON, L. E.**  
Computation of vortex flow around wings using the Euler equations p 177 A83-14605
- ERISON, W.**  
Structural demonstration of the SH-60B helicopter, appendix 1 and 2 [SER-520235] p 194 A83-13092
- ERMAKOV, A. I.**  
Theoretical estimate of the effect of the rotation of impellers on their natural frequencies p 558 A83-39508
- ERNST, E.**  
Runway 18 West under discussion On icy winds in the airport controversy [FACHTHEMEN-1] p 400 A83-23320
- ERSOY, L.**  
An asymptotic high frequency analysis of the radiation from sources on perfectly-conducting structures with an impedance surface patch p 144 A83-18647
- ERWIN, J.**  
Tests of blending and correlation of distillate fuel properties p 59 A83-11050
- ERZBERGER, H.**  
Automation of on-board flightpath management p 215 A83-21002  
Mixing 4D equipped and unequipped aircraft in the terminal area [AIAA PAPER 83-2240] p 591 A83-41717  
Optimal short range trajectories for helicopters [AIAA PAPER 83-2140] p 598 A83-41962  
Optimal short-range trajectories for helicopters [NASA-TM-84303] p 187 A83-17451
- ESCH, P.**  
Studies concerning model technology in the European Transonic Wind Tunnel (ETW) p 752 A83-47197  
Design and manufacture of a transonic wind tunnel model and the investigation of model components under cryogenic flow conditions in the European transonic wind tunnel [BMFT-FB-W-82-015] p 181 A83-13078
- ESLINGER, R. C.**  
Fail-operational DAFCs for business/commuter aircraft [SAE PAPER 830714] p 626 A83-43324
- ESPOSITO, R. J.**  
GPS user errors resulting from one 'bad' satellite in the navigation solution p 674 A83-46971  
Global positioning system en route/terminal exploratory tests [FAA-RD-82-71] p 260 A83-18705
- ESSERS, J. A.**  
Explicit and implicit corrected viscosity schemes for the computation of steady transonic flows p 177 A83-14606
- ESSLINGER, P.**  
Material, structural component, service life p 468 A83-33953
- ESSMAN, D. J.**  
TF41/Lamilly accelerated mission test p 199 A83-15319
- ESTILL, G. T.**  
Advanced Civil Military Aircraft - Technical feasibility assessment [AIAA PAPER 83-1592] p 379 A83-33359
- ESTRADA, J.**  
Aircraft systems test requirements analysis p 54 A83-10737
- ETKIN, B.**  
Control logic for landing-abort autopilot mode [UTIAS-258] p 204 A83-13111
- EUDELY, R. R.**  
Advanced manufacturing development of a composite empennage component for L-1011 aircraft. Phase 2 Design and analysis [NASA-CR-165634] p 605 A83-30404
- EVANS, A. G.**  
A demonstration of relative positioning using conventional GPS Doppler receivers p 199 A83-19779
- EVANS, C. B.**  
Ejection seat testing for females [AD-A122870] p 381 A83-23285
- EVANS, G. E.**  
Low-sidelobe radar antennas p 639 A83-40757
- EVANS, J. E.**  
Application of advanced signal processing techniques to angle of arrival estimation in ATC navigation and surveillance systems [AD-A118306] p 28 A83-11108
- EVANS, M. B.**  
Simulations used in the development and flight test of the HiMAT vehicle [AIAA PAPER 83-2505] p 727 A83-48355
- EVANS, R. H.**  
Induced transients in a simulated lightning test of the fly-by-wire Jaguar aircraft p 586 A83-31196
- EVANS, R. S.**  
The design and implementation of the KC-135 Avionics Hot Bench Monitor p 36 A83-11227
- EVANS, R. T.**  
Optimal periodic control [AD-A130114] p 752 A83-36037
- EVERETT, K. N.**  
Seven-hole cone probes for high angle flow measurement Theory and calibration p 474 A83-36085
- EVERETT, W. D.**  
Random impact vibration testor p 66 A83-10234
- EVERHART, J. L.**  
A method for modifying two-dimensional adaptive wind-tunnel walls including analytical and experimental verification [NASA-TP-2081] p 292 A83-18770
- EVSTIGNEEV, M. I.**  
Fabrication technology for aircraft engines p 185 A83-20381
- EWALD, B.**  
Development of aerodynamical technology for large civil aviation aircraft p 709 A83-47204  
Development of a six-component weighing device for cryogenic applications p 752 A83-47208  
Experimental investigations of transport aircraft low speed engine interference effects and flight test correlation p 603 A83-30364
- EWING, R. I.**  
Performance of the Sandia lightning simulator during F-14A and F/A 18 aircraft lightning tests p 587 A83-31220  
Performance of the Sandia Lightning Simulator during F-14A and F/A-18 aircraft lightning tests [DE83-009288] p 721 A83-34926
- EWINS, D. J.**  
Vibration analysis of a helicopter plus an externally-attached structure p 607 A83-30769
- EYLOD, D.**  
Titanium powder metallurgy components for advanced aerospace applications [AIAA 83-0982] p 351 A83-29789
- EYTH, J. JR.**  
'A total G-force environment dynamic flight simulator' - A new dimension in flight simulation [AIAA PAPER 83-0139] p 171 A83-16548
- EZHOF, V. M.**  
A study of the motion of thin-section wings of complex configurations near a solid surface p 375 A83-33005

## F

- FABRE, D.**  
Full scale test of the C22 target in the ONERA S1MA wind tunnel [ONERA, TP NO 1982-95] p 152 A83-18430
- FABRY, D. A.**  
Refining of military jet fuels from shale oil Volume 3, part 2 Above ground shale oil process data [AD-A128635] p 758 A83-35162  
Refining of military jet fuels from shale oil, part 2, volume 2 (in situ shale oil process data) [AD-A129031] p 759 A83-36248
- FABUNMI, J. A.**  
Cascade flutter analysis of cantilevered blades [ASME PAPER 83-GT-129] p 740 A83-47958
- FAETH, G. E.**  
Effects of envelope flames on drop gasification rates in turbulent diffusion flames p 222 A83-19846
- FAETH, G. M.**  
Structure of evaporating and combusting sprays Measurements and predictions p 538 A83-29211
- FAGOT, H.**  
Pulsed holographic nondestructive testing on aircraft p 695 A83-44828
- FAHIDY, T. Z.**  
Model of a cryogenic liquid-hydrogen pipeline for an airport ground distribution system p 648 A83-43641
- FAIRBANKS, A.**  
Hybrid LTA vehicle controllability as affected by buoyancy ratio [NASA-CR-152344] p 204 A83-12099
- FAIRBANKS, N. P.**  
Materials for advanced turbine engines Volume 1 Advanced blade tip seal system [NASA-CR-167851-VOL-1] p 166 A83-15308
- FAIRCHILD, P. D.**  
Heat-activated heat-pump development and potential application of Stirling-engine technology [DE83-002134] p 363 A83-22817
- FAIRGRIEVE, J. D.**  
Propulsive performance of 2-dimensional thin airfoils undergoing large-amplitude pitch and plunge oscillations [UTIAS-TN-226] p 180 A83-13074
- FALCHERO, D.**  
Aeroelasticity of helicopter rotors in forward flight p 180 A83-17316
- FALCIAISECCA, G.**  
A new technique for the precision DME of microwave landing system p 186 A83-16448
- FALLON, D. J.**  
Flutter A finite element program for aerodynamic instability analysis of general shells of revolution with thermal prestress [NASA-CR-170013] p 288 A83-19756
- FAN, H. S. L.**  
Aircraft towing feasibility study p 207 A83-17458
- FAN, J.**  
Something about to improve the accuracy of testing in low speed wind tunnel p 689 A83-44571
- FAN, Z. X.**  
Pressure loss and heat transfer through multiple rows of short pin fins p 642 A83-42709
- FANDEL, R. J.**  
Super integrated power unit (SIPU) for the F-16 engine start system [SAE PAPER 821462] p 534 A83-37996  
Improvements in F-16 engine restart capability with a SIPU (Super Integrated Power Unit) [AD-A129578] p 749 A83-36036
- FANG, B.**  
Aerodynamic characteristics of maneuvering flaps p 8 A83-10004
- FANUELE, F.**  
Automated diagnostic system for engine maintenance [ASME PAPER 83-GT 103] p 739 A83-47943
- FARASSAT, F.**  
A note on the tip noise of rotating blades p 305 A83-23708  
The prediction of the noise of supersonic propellers in time domain - New theoretical results [AIAA PAPER 83-0743] p 280 A83-25945  
Interior noise considerations for advanced high-speed turboprop aircraft p 675 A83-43970  
Advanced theoretical treatment of propeller noise p 308 A83-18655
- FARBER, N.**  
Improved dynamic models for air combat analysis [AD-A121379] p 305 A83-19562
- FARDINK, P. J.**  
Hand-held computer programs for preliminary helicopter design [AD-A125036] p 481 A83-27624
- FARMER, M. G.**  
Prediction of transonic flutter for a supercritical wing by modified strip analysis p 62 A83-10190  
Effects of angle of attack on transonic flutter of a supercritical wing p 726 A83-48213  
Flutter clearance of the horizontal tail of the Bellanca Skyrocket II airplane [NASA-TM-84528] p 31 A83-10035  
Adaptive flutter suppression, analysis and test p 346 A83-22219  
Model mount system for testing flutter [NASA-CASE-LAR-12950-1] p 465 A83-25727
- FARRELL, C. A., JR.**  
Inlet fan flow field computation [ASME PAPER 83-GT-41] p 713 A83-47901
- FARRELL, J. L.**  
Integrated and transferable hardware/software checkout p 71 A83-11249
- FARRIS, G. G.**  
Simulation evaluation of flight controls and display concepts for VTOL shipboard operations [AIAA PAPER 83-2173] p 575 A83-41668
- FARRY, K. A.**  
Distributed processing and fiber optic communications in air data measurement p 36 A83-11258
- FASANELLA, E. L.**  
Crash tests of four low-wing twin-engine airplanes with truss-reinforced fuselage structure [NASA-TP-2070] p 67 A83-10442

- FASCHING, W. A.**  
CF6 jet engine diagnostics program High pressure turbine roundness/clearance investigation [NASA-CR-165581] p 202 N83-13100  
The CF6 engine performance improvement [NASA-CR-165612] p 212 N83-16342  
Summary report for CF6 jet engine diagnostics program [NASA-CR-165582] p 214 N83-17539
- FASSO, G.**  
Rain and deicing experiments in a wind tunnel [NASA-TM-77077] p 582 N83-30394  
Weather hazard simulation in the Modane wind-tunnels [NASA-TM-77069] p 631 N83-30438
- FATYKHOV, F. F.**  
The motion dynamics of parachute systems p 422 N83-36450
- FAULKNER, D.**  
A samarium cobalt motor-controller for mini-RPV propulsion p 336 N83-27187
- FAULKNER, W. L.**  
PETTS /Programmable Engine Trim Test Set/ p 54 N83-10752
- FAURE, F.**  
Corona type sensor for aircraft electrical potential measurement [ONERA, TP NO 1982-73] p 195 N83-14530
- FAUSSET, M. O. F.**  
Phoenix GCS - Some considerations which influence the design of computer assisted ground control stations for RPV p 592 N83-43714
- FAVIER, D.**  
A half-wing near a wall at high angles of attack in a pulsed flow [AAAF PAPER NT 81-12] p 8 N83-11773  
Prediction and experimental verification of the velocity fields of a rotor during hovering p 193 N83-17477
- FEAR, J. S.**  
The NASA broad-specification fuels combustion technology program An assessment of phase 1 test results [NASA-TM-83447] p 539 N83-29236
- FEDCHENKO, A.**  
Conserving aviation fuel by shifting center-of-gravity position p 194 N83-13063
- FEDDERSEN, R.**  
The increase in the cost effectiveness of the construction of and preparation of manufacturing processes for flight equipment through integrated and graphic data processing-CAD/CAM p 759 N83-47191
- FEDELE, G.**  
Effects of thermal noise and interference due to scatterers on VOR system accuracy p 18 N83-11092
- FEDOROV, A. S.**  
Durability of propeller shaft interference fits under variable cyclic loading [ORIC-T-6880] p 684 N83-32803
- FEDOROV, R. M.**  
Characteristics of the occurrence and elimination of a stall in an axial-flow compressor in the presence of a rotating irregularity at the inlet p 613 N83-42132
- FEHLAU, R.**  
Feed-pump hydraulic performance and design improvement. Phase 1 Research program design, volume 1 [DE82-903116] p 303 N83-20165  
Feed-pump hydraulic performance and design improvement. Phase 1 Research program design, volume 2 [DE82 903304] p 303 N83-20166
- FEIK, R. A.**  
A general program for predicting rigid aircraft gust response [ARL/AERO-NOTE-407] p 203 N83-12097
- FEIL, G.**  
Simulation of a terrain following system p 186 N83-16333
- FEILER, C. E.**  
Recent results about fan noise Its generation, radiation and suppression [NASA-TM-83002] p 224 N83-13939
- FELDKAMP, L. A.**  
X-ray tomography applied to NDE of ceramics [ASME PAPER 83-GT-206] p 762 N83-48007
- FELDMANN, R. J.**  
An overview of airborne optical communications p 592 N83-42574
- FELLERS, W. E.**  
The F-5 story - Prototype and technology demonstrator [AIAA PAPER 83-1062] p 439 N83-36473
- FENDER, J. S.**  
Designing for stray radiation rejection p 266 N83-23536
- FENG, J.**  
Tests for inlet distortion in a two-spool turbojet engine on the ground test bed p 683 N83-32733
- FENG, Y.**  
Three theorems of weight characteristics of statically determinate and indeterminate structures and their application p 643 N83-43691
- FENIUK, M. I.**  
Determination of zones of crack distribution in flexible specimens p 551 N83-39509
- FERR, R.**  
Vectored thrust afterbody nozzles for future combat aircraft p 448 N83-35859
- FERENCE, E.**  
Model test and full-scale checkout of dry-cooled jet runup sound suppressors p 753 N83-48217
- FERENS, D. V.**  
Avionics software support cost model p 335 N83-22147
- FERGUSON, D. R.**  
A practical economic criterion for fuel conservation p 239 N83-17468
- FERGUSON, J. A., III**  
Finite element program for calculating flows in turbomachines with results for NASA task-1 compressor [AD-A124987] p 460 N83-26841
- FERGUSON, W. W.**  
Some aspects of Prop-Fan propulsion systems analysis [SAE PAPER 821358] p 532 N83-37956
- FERNANDEZ, M. A. B.**  
Effects of percentage of blockage and flameholder downstream counterbores on lean combustion limits of premixed, pre-vaporized propane-air mixture [NASA-TP-2227] p 746 N83-34941
- FERNHOLZ, H.-H.**  
A wind tunnel for unsteady turbulent shear flows Design and flow calculation p 218 N83-19664
- FERRAN, A.**  
Properties of thick sheets of 2124 T351 alloy [SNIA82-22-111-109] p 404 N83-23423
- FERRAND, P.**  
The response of a multistage compressor to an azimuthal distortion p 281 N83-26923
- FERRARIS, G.**  
Substructuring and wave propagation - An efficient technique for impeller dynamic analysis [ASME PAPER 83-GT-150] p 741 N83-47969
- FERRELL, D. R.**  
HP-41CV Flight Performance Advisory System (FPAS) for the E-2C, E-2B and C-2A aircraft [AD-A119580] p 156 N83-14118
- FERRIS, A. T.**  
Strain gage balances and buffet gages p 292 N83-18766
- FERRIS, J. C.**  
Aerodynamic design for improved maneuverability by the use of three-dimensional transonic theory [AIAA PAPER 83 1859] p 521 N83-36686  
Wind tunnel measurements of the chordwise pressure distribution and profile drag of a research airplane model incorporating a 17-percent-thick supercritical wing [NASA-TM-X-2760] p 5 N83-11027  
Static aerodynamic characteristics of a model with a 17 percent thick supercritical wing [NASA-TM-X-2551] p 12 N83-11074  
Static longitudinal aerodynamic characteristics of a model with a modified 17 percent thick supercritical wing [NASA-TM-X-3211] p 13 N83-11081
- FERTIS, D. G.**  
NASA LeRC/Akron University Graduate Cooperative Fellowship Program and Graduate Student Researchers Program [NASA-CR-167943] p 74 N83-10970
- FEULNER, J. A.**  
Who knows? Selected information resources on aeronautics and astronautics [SL-82-32] p 573 N83-29123
- FICHTER, H.**  
A look at engine handling aspects from aircraft flight test experience, with an outlook for future requirements p 540 N83-29245
- FIELD, J. E.**  
Reduction of aerodynamic drag Torsion disc viscometry [AD-A117859] p 10 N83-10020
- FIELDER, W. L.**  
Reactions of NaCl with gaseous SO<sub>3</sub>, SO<sub>2</sub>, and O<sub>2</sub> [NASA-TM-83423] p 554 N83-29358
- FIELDING, J. P.**  
A very large cargo aircraft design project p 730 N83-49436  
A combat aircraft availability assessment technique [ISBN-0-902937-80-4] p 658 N83-32708
- FIELDS, J. M.**  
Residents' annoyance responses to aircraft noise events [NASA-TP-2121] p 707 N83-34713
- FILIMONOV, F. F.**  
The effect of slot suction on the aerodynamic characteristics of an airfoil at transonic velocities p 494 N83-37552
- FILIPCZAK, R.**  
In-flight aircraft seat fire extinguishing tests (cabin hazard measurements) [FAA-CT-82-111] p 197 N83-16308
- FINELLI, G. B.**  
Economic modeling of fault tolerant flight control systems in commercial applications p 46 N83-11156
- FINIZIE, L. T.**  
A comparison of Navy and contractor gas turbine acquisition cost [ASME PAPER 83-GT-198] p 743 N83-48001
- FINK, M. R.**  
Axisymmetric nose inlet effects on supersonic airloads p 503 N83-40008
- FINK, R. C.**  
Piezoelectric deicing device [NASA-CASE LEW 13773-1] p 528 N83-29197
- FINKE, R. C.**  
Advanced electrical power system technology for the all electric aircraft [NASA-TM-83390] p 407 N83-24764
- FINLEY, T. D.**  
Angle of attack system p 292 N83-18769
- FINN, F.**  
Strict liability in military aviation cases - Should it apply? p 572 N83-39045
- FINNERTY, D. L.**  
Titanium fan disc Structural Life Prediction/Correlation program [SAE PAPER 821437] p 557 N83-37985
- FIRSCHER, O.**  
Intelligent control of tactical target cueing p 25 N83-12879
- FIRTH, G. C.**  
LANN wing design p 291 N83-18755  
Metallic alloy stability studies p 292 N83-18760
- FISCHER, B.**  
Aircraft with reduced longitudinal stability [BMFT-FB-W-82-004] p 53 N83-11145
- FISCHER, G. K.**  
Advanced Power Transmission Technology [NASA-CP-2210] p 302 N83-20119
- FISCHER, J. P.**  
A microcomputer-based position updating system for general aviation utilizing Loran-C [NASA-CR-169722] p 148 N83-15277
- FISCHER, M. C.**  
Developments in the NASA transport aircraft laminar flow program [AIAA PAPER 83-0090] p 130 N83-16514  
A flight test of laminar flow control leading-edge systems [AIAA PAPER 83-2508] p 727 N83-48356
- FISCHETTI, M. A.**  
Space technology - The art and science of ergonomics p 681 N83-45605
- FISCHLER, J. E.**  
Advanced design structural considerations when introducing new materials and construction methods p 328 N83-29394
- FISCUS, I. B.**  
Investigation of crew restraint system biomechanics [AD-A126199] p 510 N83-29190
- FISH, J. C.**  
Aeronautical structures technology study: Annotated briefing report [AD-A123064] p 389 N83-23300
- FISHBACH, L. H.**  
A remote augmentor lift system with a turbine bypass engine p 163 N83-19595  
A remote augmentor lift system with a turbine bypass engine [NASA-TM-82932] p 200 N83-12087  
Study of LH<sub>2</sub>-fueled topping cycle engine for aircraft propulsion [NASA-TM-83466] p 746 N83-34942
- FISHBEIN, B. D.**  
Experimental investigation of a model of the internal exhaust gas mixer configuration of a turbofan engine in the reverse-thrust mode p 614 N83-42146
- FISHER, B. D.**  
Observations of severe in-flight environments on airplane composite structural components p 600 N83-43330  
Lightning attachment patterns and flight conditions for storm hazards, 1980 [NASA-TP-2087] p 139 N83-14077

- Conditions conducive to lightning striking an aircraft in a thunderstorm p 588 N83-31236
- FISHER, R. A.**  
The impact of missions on the preliminary design of an ABC rotor [SAVE PAPER 1501] p 603 A83-43760
- FISHER, R. W.**  
Analysis of aero-optic interface phenomena p 190 A83-22588  
Variable acuity remote viewing system flight demonstration [NASA-CR-170404] p 531 N83-29204
- FISK, W. S.**  
Integrated flight and propulsion operating modes for advanced fighter engines [ASME PAPER 83-GT-194] p 742 A83-47999
- FISKE, G. H.**  
Sound propagation in segmented exhaust ducts - Theoretical predictions and comparison with measurements [AIAA PAPER 83-0734] p 386 A83-28016
- FLANNELLY, W. G.**  
Rotor dynamic simulation and system identification methods for application to vacuum whirl data [NASA-CR-159356] p 32 N83-11117
- FLATHERS, G. W. II**  
FAA integrated noise model validation Analysis of air carrier flyovers at Seattle-Tacoma Airport [AD-A124097] p 479 N83-26320
- FLECKENSTEIN, H.**  
Economic evaluation of a standard product of fiber-reinforced composite material in comparison with steel p 551 A83-38875
- FLEETER, R.**  
Application of digital image analysis techniques to antimisting fuel spray characterization [ASME PAPER 82-WA/HT-23] p 295 A83-25690  
Antimisting kerosene atomization and flammability [NASA-CR-169385] p 211 N83-12246
- FLEETER, S.**  
The coupled aeroelastic response of turbomachinery blading to aerodynamic excitations [AIAA 83-0844] p 357 A83-29622
- FLEMING, D. K.**  
Coal gasification for stationary gas-turbine applications [DE82-902135] p 226 N83-16553
- FLEMING, J. A.**  
Digital filtering of helicopter flight data [ARL/AERO-NOTE-406] p 154 N83-14106
- FLEMING, P.**  
CAD of control systems Application of nonlinear noise attenuation to a linear quadratic formulation [NASA-CR-172151] p 562 N83-29448
- FLEMING, P. J.**  
Use of mixed performance criteria in gas turbine engine controller design p 612 A83-41482
- FLEMING, R.**  
Turbine Engine Fault Detection and Isolation Program Volume 2 Maintenance model development [AD-A119999] p 167 N83-15312
- FLEMING, R. E.**  
Full-authority fault-tolerant electronic engine control system for variable cycle engines [AD-A121746] p 359 N83-21357
- FLETCHER, R. S.**  
Effect of air, liquid and injector geometry variables upon the performance of a plain-jet airblast atomizer p 473 A83-35809
- FLINDELL, I. H.**  
A laboratory study of the perceived benefit of additional noise attenuation by houses [NASA-TM-85647] p 706 N83-33682
- FLODROPS, J. P.**  
The effects of firing a weapon on the air intake in a subsonic flow [AAAF PAPER NT 81-11] p 8 A83-11772
- FLUESS, H.**  
F-4F fire control system software support - An integrated approach to ground and flight testing p 56 A83-11228
- FLUX, H.**  
High temperature/pressure testing of heat resistant runway materials [AIAA PAPER 83-2492] p 753 A83-48349
- FLYNN, E. P.**  
727, B-52 retrofit with PW2037 meeting today's requirements [SAE PAPER 821443] p 518 A83-37991
- FLYNN, P. M.**  
Investigation of constant turn-rate dynamics models in filters for airborne vehicle tracking p 71 A83-11190
- FOBUS, D. B.**  
A dive performance computer program [AD-A119407] p 156 N83-14121
- FOERSCHING, H.**  
Aeroelasticity at separated flow - Concepts and prospects p 716 A83-49177
- Introductory survey of aeroelastic problems in separated and transonic flow p 313 N83-20895  
Aeroelastic buffeting prediction technique A general review p 341 N83-20898
- FOGG, L. D.**  
Advanced composite aileron for L-1011 transport aircraft. Design and analysis [NASA-CR-165635] p 606 N83-30406
- FOLENTA, D. J.**  
Design study of Self-Alining Bearingless Planetary (SABP) gear p 303 N83-20127
- FOLEY, B. J.**  
A multi-function radar system for RPVs p 593 A83-43722
- FOLEY, W. H.**  
A design study of a reaction control system for a V/STOL fighter/attack aircraft [ASME PAPER 83-GT-199] p 743 A83-48002
- FOMBONNE, P.**  
Radiationavigation - Radiolocation p 590 A83-41528
- FOMIN, N. A.**  
Aircraft design (3rd revised and enlarged edition) p 726 A83-48100
- FOMIN, V. M.**  
Investigation of flow past an aircraft wing section in flight and in a wind tunnel p 493 A83-37506
- FONTANA, J. J.**  
Polymer concrete patching manual [PB83-180265] p 647 N83-31912
- FONTANEL, J.**  
Full scale test of the C22 target in the ONERA S1MA wind tunnel [ONERA, TP NO 1982-95] p 152 A83-18430
- FOOTE, C. H.**  
Flight evaluation of an engine static pressure noseprobe in an F-15 airplane [NASA-CR-163109] p 214 N83-17546
- FORD, D. A.**  
Design and technology influences - 'Maturity' at introduction of the 214ST [AIAA PAPER 83-2528] p 728 A83-48366
- FORD, R. L.**  
On the use of height rules in off-route airspace p 431 A83-35274
- FORD, S. C.**  
Technical and secretariat support of the MIL-STD-1515 fastener standardization effort [AD-A119828] p 232 N83-16760  
Effects of manufacturing processes on structural allowables [AD-A122963] p 404 N83-23426
- FORD, T.**  
Powerplants I p 199 A83-14951  
Powerplants II p 162 A83-18147  
Improvements in SSR p 722 A83-47655
- FORD, T. E.**  
Flight deck display p 334 A83-27123  
On the routes - Boeing 757 with British Airways p 327 A83-29241
- FORM, P.**  
Multipath propagation in the radio field of aircraft navigation systems p 252 A83-23414  
Viewpoints on selection of collision avoidance systems p 256 A83-24874  
Advances related to the measurement and representation of real multipath propagation p 258 A83-26485
- FORMAN, R. G.**  
Green's function solution and applications for cracks emanating from a circular hole in an infinite sheet p 764 A83-49599
- FORNEY, D. M.**  
Detection of cracks under installed fasteners in aircraft structures p 697 A83-46769
- FORREST, R. D.**  
A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 1 Technical discussion and results [NASA-TM-84258-PT-1] p 48 N83-10049  
A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 2 Supporting data [NASA-TM-84258-PT-2] p 48 N83-10050
- FORRESTER, D. A.**  
Possible improvements in meteorology for aircraft navigation p 247 A83-23373
- FORSEY, C. R.**  
A fast algorithm for the calculation of transonic flow over wing/body combinations p 178 A83-15283  
An extension of a transonic wing/body code to include underwing pylon/nacelle effects [AIAA PAPER 83-1805] p 497 A83-38639
- FORSSELL, B.**  
A procedure for the utilization of the signals of a DME transponder to determine the position of an aircraft from the ground p 26 A83-13018
- FORSTER, C.**  
Initial findings during studies of the flow within a high speed impeller using a transit anemometer p 216 N83-12270
- FORTE, I.**  
The effects of non-linear kinematics in optimal evasion p 650 A83-40674
- FORTENBAUGH, R. L.**  
The maneuver acceleration parameter - A figure of merit for evaluating missile miss distance performance [AIAA PAPER 83-2199] p 591 A83-41684
- FORTESCUE, G. H.**  
Wide-beam atmospheric optical communication for aircraft application using semiconductor diodes p 669 A83-44159
- FORTIN, J. A. C.**  
Gas turbine compressor interstage cooling using methanol [ASME PAPER 83-GT-230] p 763 A83-48026
- FORZANI, L.**  
Integrated navigation system for the Agusta 129 attack helicopter p 256 A83-24870
- FORZANO, C.**  
Analysis of United States Air Force aircraft accumulators [AD-A122092] p 267 N83-19746
- FOSHEE, J. J.**  
Low cost antenna pointing system p 651 A83-42575
- FOSS, A. M.**  
Improvements in the dynamic simulation of gas turbines p 543 N83-29264
- FOSS, J. J.**  
Influence of a large free stream disturbance level on dynamics of a jet in a cross flow p 562 N83-29217
- FOSSI, M.**  
Performance analysis of a dwell-time processor for monopulse beacon radars p 200 A83-22726  
Reply correlation test analysis in monopulse beacon radars p 200 A83-22727
- FOSTER-PEGG, R. W.**  
Improved combustion-turbine efficiency with reformed-alcohol fuels [DE83-005713] p 699 N83-33169
- FOSTER, B. A.**  
An efficient fully implicit simulator [CSS-126] p 176 N83-15322
- FOSTER, J. D.**  
Helical automatic approaches of helicopters with microwave landing systems [NASA-TP-2109] p 260 N83-18704
- FOSTER, P. R.**  
Radiation patterns of a quarter-wave monopole on a finite ground plane p 144 A83-18682
- FOTH, J.**  
Prediction capability and improvements of the numerical notch analysis for fatigue loaded aircraft and automotive components p 213 A83-13907
- FOURNIER, P. G.**  
Low-speed aerodynamic characteristics of a 42 deg swept high-wing model having a double-slotted flap system and a supercritical airfoil [NASA-TM-X-3036] p 4 N83-11022  
Low-speed aerodynamic characteristics of a model having a 42 deg swept low wing with a supercritical airfoil, double-slotted flaps, and a T-tail [NASA-TM-X-2582] p 5 N83-11030  
Effects of wing height on low-speed aerodynamic characteristics of a model having a 42 deg swept wing, a supercritical airfoil, double-slotted flaps, and a low tail [NASA-TM-X-2794] p 6 N83-11033  
Low-speed aerodynamic characteristics of a transport configuration having a 42 deg swept supercritical airfoil wing and three tail height positions [NASA-TM-X-3149] p 32 N83-11115
- FOURNY, J. P.**  
Expansion of the scan endgame program for aircraft survivability studies and development of a supporting user's guide [AD-A127557] p 608 N83-31598
- FOWINKLE, C. T.**  
U.S. Navy search and rescue Model Manager p 183 A83-15424
- FOWLER, H. S.**  
ACV lift air systems - More puff for less power p 485 A83-34861  
Skirts - Time for a new look? p 486 A83-35058
- FOX, C. H., JR.**  
Experimental study of wing leading-edge devices for improved maneuver performance of a supercritical maneuvering fighter configuration [NASA-TP-2125] p 316 N83-22162

## FOX, S. R.

A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 1  
[NASA-CR-159379] p 191 N83-16288

A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 2  
[NASA-CR-159380] p 191 N83-16289

## FOX, T. G.

A JT8D low emissions combustor by radial zoning  
[AIAA PAPER 83-1324] p 455 A83-36339

## FOY, T. F.

Propulsion prototypes at General Electric  
[AIAA PAPER 83-1053] p 457 A83-36463

## FOYE, R. L.

Evolution of the application of composite materials to helicopters p 151 A83-18376  
New insights in structural design of composite rotor blades for helicopters p 525 A83-40287

## FRAME, G. A.

Hydrogen aspiration in a direct injection type diesel engine its effects on smoke and other engine performance parameters p 642 A83-42956

## FRANCIS, L. C.

A remote augmentor lift system with a turbine bypass engine p 163 A83-19595

A remote augmentor lift system with a turbine bypass engine  
[NASA-TM-82932] p 200 N83-12087

Supersonic fan engines for military aircraft  
[NASA-TM-83499] p 747 N83-34947

## FRANCOIS, G.

Thermal behavior and insulation of a cryogenic wind tunnel  
[ONERA, TP NO 1982-89] p 173 A83-18427

## FRANK, W. F. X.

A mm-wave collision warning device for helicopters p 645 N83-30895

## FRANKE, J. M.

Some solutions to the problems and pitfalls of laser velocimetry in a large transonic wind tunnel p 348 A83-28832

## FRANKE, M. E.

Aerodynamic characteristics of a circulation controlled elliptical airfoil with blown jets  
[AIAA PAPER 83-1794] p 497 A83-38633

Circulation-controlled elliptical airfoil p 580 A83-42537

## FRANKLIN, J. L.

Thermal design of standard avionic enclosures  
[SAE PAPER 820878] p 256 A83-25772

## FRANSSON, T. H.

Aeroelasticity in turbomachine-cascades  
[AD-A127709] p 618 N83-31605

## FRANZ, H. P.

Design, construction, and operation of the calibration model for the DNW wind tunnel p 752 A83-47209

The half-model technique in the wind tunnel and its employment in the development of the Airbus family  
[NASA-TM-76970] p 205 N83-16328

## FRANZ, J. J.

Computer program for calculation of turbojet system performance  
[AD-A120665] p 167 N83-15314

## FRASER, K. F.

In-flight computation of helicopter transmission fatigue life expenditure p 439 A83-36921

## FRATTER, C.

Identification of aerodynamic coefficients using flight testing data  
[AIAA PAPER 83-2099] p 597 A83-41929

## FREDERICK, G. S.

Self resonating pulsed water jets for aircraft coating removal Feasibility study  
[AD-A119114] p 218 N83-13292

## FREEDY, A.

Analysis and modeling of information handling tasks in supervisory control of advanced aircraft  
[AD-A119067] p 205 N83-13116

## FREEMAN, C.

Recent advances in the performance of high bypass ratio fans  
[PNR-90120] p 203 N83-13107

## FREEMAN, G. W.

Spontaneous ignition characteristics of hydrocarbon fuel-air mixtures p 554 N83-29231

## FREEMAN, M. G.

Design considerations for ease of maintenance in commuter aircraft  
[SAE PAPER 820722] p 371 A83-31804

## FREEMAN, W. G.

Further studies on the prediction of spray evaporation rates p 468 A83-35811

## FREI, D.

X-29 forward swept wing aerodynamic overview  
[AIAA PAPER 83-1834] p 520 A83-38663

## FRENCH, M. W.

Development of a compact real-time turbofan engine dynamic simulation  
[SAE PAPER 821401] p 533 A83-37974

## FRENCH, R. P.

A shock tube driver with a 'cyclone' separator p 290 A83-26130

## FREUHLER, R. J.

Flight investigation of natural laminar flow on the Bellanca Skyrocket II  
[SAE PAPER 830717] p 599 A83-43326

## FREUND, D. J.

Community rotorcraft air transportation Opportunities and benefits p 252 N83-20836

## FRICKE, H.

Propulsion systems of flight vehicles and drones - Conditions, requirements, and current and future propulsion systems  
[DGLR PAPER 82-086] p 275 A83-24198

Design and development of a small gasturbine engine Results today - A basis for design criteria of a next generation p 446 A83-35829

## FRICKE, M.

Air traffic control simulation in the airport area p 722 A83-47200

## FRIEDEL, H.

Design, construction, and testing of an experimental propeller in the 750 PS performance class  
[DGLR PAPER 82-066] p 274 A83-24180

Problems in determining aircraft polar curves from test-flight data p 676 A83-46489

Modern wing technology for general aviation aircraft Phase 3 Flight testing  
[BMFT-FB-W-82-012] p 33 N83-11121

Design, construction and test of an experimental propeller in the power range 750 HP  
[BMFT-FB-W-83-004] p 507 N83-29184

## FRIEDEL, R.

Noise-reducing takeoff and landing procedures and the potential for their operational use in the Airbus A300  
[DGLR PAPER 82-032] p 247 A83-24158

## FRIEDLAND, B.

Design of an integrated strapdown guidance and control system for a tactical missile  
[AIAA PAPER 83-2169] p 591 A83-41665

## FRIEDMAN, D. M.

Analysis of complex inlet configurations using a higher-order panel method  
[AIAA PAPER 83-1828] p 498 A83-38659

## FRIEDMAN, R.

Recent trends in aviation turbine fuel properties  
[NASA-TP-2056] p 61 N83-11340

## FRIEDMANN, P. P.

Aeroelastic tailoring of rotor blades for vibration reduction in forward flight  
[AIAA 83-0916] p 329 A83-29844

Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight p 433 A83-33506

Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight p 435 A83-35948

Formulation and solution of rotary-wing aeroelastic stability and response problems p 600 A83-43673

## FRIEDRICH, M.

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## FRIEDRICH, R.

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## FRIEDRICH, S.

Fatigue crack growth of corner cracks in lug specimens  
[VTH-LR-375] p 700 N83-33234

## FRIEHE, C. A.

The use of pressure fluctuations on the nose of an aircraft for measuring air motion p 566 A83-39118

## FRIELING, R.

Design and construction of a flexible autonomous electronic display device  
[TUBS/FB-80-12-02] p 221 N83-13824

## FRIGNE, P.

Distinction between different types of impeller and diffuser rotating stall in a centrifugal compressor with vaneless diffuser  
[ASME PAPER 83-GT-61] p 714 A83-47917

## FRINGS, G.

A study of bird ingestions into large high bypass ratio turbine aircraft engines  
[FAA-CT-82-144] p 319 N83-22173

## FRINT, H. K.

Report on advanced transmission system integration tests p 298 A83-24833

## FRISCH, B.

Vertical seeking ejection seat boosts pilots odds p 525 A83-40305

## FRISCH, B.

First design details of the all-composite Lear Fan p 383 A83-30829

## Bucking the current

p 729 A83-48887

## FRISCH, G. D.

Instrumentation requirements for assessing occupant response to three dimensional high acceleration environments p 302 N83-19434

## FRISINA, J. W.

Synergistic integration of JTIDS/GPS technology p 323 A83-28789

## FRITTS, M. J.

Numerical simulation for droplet combustion using Lagrangian hydrodynamics p 537 N83-29210

## FRITZEN, C. P.

Influence of parameter changes to stability behavior of rotors p 187 N83-15648

## FROES, F. H.

Titanium powder metallurgy components for advanced aerospace applications  
[AIAA 83-0982] p 351 A83-29789

Powder metallurgy of titanium alloys p 403 A83-32599

## FROMMEYER, H.

Structural members made of high-strength cast aluminum and their properties p 468 A83-33954

Statistical and vibratory fatigue limit characteristics of aluminum cast alloys p 692 N83-32712

## FROMMLET, H.

A jointless and bearingless tail rotor of fiber-reinforced-composite construction p 725 A83-47215

## FROST, R. L.

Observations of optical lightning emissions from above thunderstorms using U-2 aircraft p 234 A83-22703

## FROST, S. R.

Marconi avionics standard central air data computer p 34 A83-11119

## FROST, W.

Influence of multidroplet size distribution on icing collection efficiency  
[AIAA PAPER 83-0110] p 188 A83-16526

An analysis of spanwise gust gradient data p 565 A83-38762

## Flight in low-level wind shear

p 362 N83-21711

Summary Proceedings of a Wind Shear Workshop  
[NASA-CR-3678] p 410 N83-25265

Proceedings Sixth Annual Workshop on Meteorological and Environmental Inputs to Aviation Systems  
[NASA-CP-2274] p 658 N83-33827

Low-level gust gradient program and aviation workshop effort p 767 N83-36592

Feasibility study of a procedure to detect and warn of low-level wind shear p 767 N83-36593

## FRUEHAUF, H. H.

Transonic and subsonic compressors p 703 N83-34836

## FRUSH, C. L.

Feasibility test of an airborne pulse-Doppler meteorological radar p 566 A83-39872

## FRIE, D.

Computer Aided Mission Planning System (CAMPS)  
[AD-A118567] p 221 N83-12895

## FRYNTA, V.

Concerning the measurement of aircraft acceleration p 158 A83-16876

## FUEHRING, H.

Practical application of a model for fatigue damage with irregular cyclic loading p 224 A83-21757

## FUH, J. S.

Coupled flap-torsional response of a rotor blade in forward flight due to atmospheric turbulence excitations p 618 A83-41073

## FUJIKSCHOT, P. H.

PEANUTS - the PETW data system  
[MAW-82-009-U] p 402 N83-24519

## FUJIEDA, H.

Powered lift aerodynamics of USB STOL aircraft  
[AIAA PAPER 83-1848] p 499 A83-38676

## FUJII, M.

Automatic control of balloon altitude p 530 A83-39809

## FUJISAKI, N. T.

The emerging need for improved helicopter navigation p 671 A83-46930

## FUJISAWA, F.

Method of calculating optimum angular blade pitches in fan with unequally pitched blades p 375 A83-33090



## FUJISAWA, Y

An engine installation for fan jet STOL aircraft using USB powered high lift system (I) engine matching test for circular confluent exhaust duct  
[NAL-TR-703] p 200 N83-12086

## FUKUDA, M.

Numerical simulation of inviscid compressible flow through two-dimensional cascade by finite area method  
[NAL-TR-709] p 217 N83-12348

## FULLER, C. R.

An experimental investigation of sound radiation from a duct with a circumferentially varying liner  
[AIAA PAPER 83-0712] p 307 A83-25928

## FULLER, D. E.

NTF user operations requirements p 291 N83-18750

## FULLER, S. G.

Stability of steady sideslip equilibria for high alpha p 284 A83-24031  
Design criteria for the future of flight controls  
[AD-A121423] p 289 N83-19759

## FUREY, R. J.

Short takeoff performance using a gravity assist skip jump  
[AD-A126456] p 679 N83-33879

## FURLONG, G. M., JR.

Tomorrow's Tomcat p 189 A83-14324

## FURSOV, V. A.

Development of adaptation and identification algorithms in adaptive digital aircraft control systems p 287 A83-26600

## FYFE, D. E.

Numerical simulation for droplet combustion using Lagrangian hydrodynamics p 537 N83-29210

## G

## GAABO, R. J.

Demonstration Advanced Avionics System (DAAS) function description  
[NASA-CR-166282] p 26 N83-10027  
Demonstration Advanced Avionics System (DAAS), phase 1  
[NASA-CR-166503] p 612 N83-31602

## GADBOIS, R. G.

Role of standards with integrated control p 568 A83-37104

## GADD, G. E.

An investigation of flow improvement devices for reducing propeller excited vibration  
[NMI-R-157] p 702 N83-34223

## GAFF, S. A.

Design of plywood and paper flywheel rotors  
[DE83-002276] p 304 N83-20430

## GAFFIN, W. O.

The JT8D and JT9D engine component improvement Performance improvement program  
[NASA-CR-167965] p 214 N83-17543

## GAFFNEY, E. F.

Blade loss transient dynamic analysis of turbomachinery p 612 A83-40864

## GAGLIARDO, J.

Air transportable AS32/P-4 crash rescue vehicle  
[AD-A128068] p 669 N83-33864

## GAI, E.

Reliability analysis of a dual-redundant engine controller p 556 A83-37289  
A new approach to fault-tolerant helicopter swashplate control  
[AIAA PAPER 83-2485] p 750 A83-48345

## GAILFOIL, R. R.

Evaluation of air-cooled Si3N4 vanes p 224 A83-22263

## GAINUTDINOV, R. G.

A study of the corrosion activity of the fuselage condensate of passenger aircraft p 190 A83-15398

## GALBRAITH, L. D.

Application of a hot gas high pressure rotary vane motor to aircraft APU starting  
[SAE PAPER 821464] p 534 A83-37997

## GALBRAITH, T. J.

Estimation of nonlinear aerodynamics from transport airplane certification maneuvers - A system identification approach  
[AIAA PAPER 83-2065] p 627 A83-43811

## GALETUSE, S.

Optimal adaption of the aircraft propeller p 7 A83-10580

## GALINIER, M.

The quality of avionics software Specification and evaluation p 335 N83-22142

## GALLAGHER, J. T.

The F-5 story - Prototype and technology demonstrator  
[AIAA PAPER 83-1062] p 439 A83-36473

## GALLARDO, V.

Blade loss transient dynamic analysis of turbomachinery p 612 A83-40864

## GALLON, M.

The new hydrodynamic visualization laboratory of the aerodynamics division p 289 A83-23676

## GALLOWAY, R. T.

Flight fidelity testing of the F/A-18 simulators  
[AIAA PAPER 83-1094] p 437 A83-36225

## GALLOWAY, T. L.

Opportunities and benefits p 252 N83-20838

## GAMACHE, R. R.

Measuring the antenna pattern of the HF heater antenna in Puerto Rico  
[AD-A119963] p 168 N83-15558

## GAMBLE, M. K.

Overview of the air cargo industry  
[AIAA PAPER 83-1607] p 380 A83-33369

## GAMBLE, W. L.

Development of counter-rotating intershaft support bearing technology p 392 A83-32587

## GAMMON, B. E.

Thermodynamics of organic compounds  
[AD-A125022] p 483 N83-27895

## GANDEE, G. W.

Performance tests of two inert gas generator concepts for airplane fuel tank inerting  
[AIAA PAPER 83-1140] p 519 A83-38078

## GANESH, M.

On-line certification for ATE systems p 1 A83-10785

## GANGSAAS, D.

An integrated maneuver enhancement and gust alleviation mode for the AFTI/F-111 MAW aircraft  
[AIAA PAPER 83-2217] p 620 A83-41699

Application of optimal control synthesis to integrated vertical flight path and airspeed control for an advanced fighter  
[AIAA PAPER 83-2560] p 751 A83-49594

## GANNON, C.

A survey of avionics software support environments p 70 A83-11163

## GANTS, M. G.

Restartable high power gas generator  
[AD-A127291] p 646 N83-31022

## GANZER, U.

The technology of adaptive wind-tunnel walls p 752 A83-47226

On the use of adaptive walls for transonic wind tunnel testing p 348 N83-20969

## GAONKAR, G. H.

The use of actuator-disc dynamic inflow for helicopter flap-lag stability p 595 A83-41081

## GARABEDIAN, P.

Computational fluid dynamics of airfoils and wings p 313 A83-29927

## GARBEROGGIO, J. E.

Maximum loading capability of axial flow compressors  
[AIAA PAPER 83-1163] p 451 A83-36254

## GARBO, S. P.

Design and analysis of composite structures with stress concentrations p 693 N83-33960

## GARD, J. H.

Holographic HUDs de-mystified p 35 A83-11171

## GARDNER, W. B.

Energy efficient high-pressure turbine leakage technology report  
[NASA-CR-165202] p 165 N83-15304

## GARFINKLE, J. B.

Development and production cost estimating relationships for aircraft turbine engines  
[AD-A123753] p 459 N83-25714

## GARIS, A.

Microprocessor implementation of fast-sampling direct digital flight-mode controllers p 342 N83-22096

## GARLITZ, J.

Modeling the spatial distribution of aircraft on visual flight rules p 253 A83-24040

## GARNER, H. D.

Low cost fluidic sensors p 735 N83-34897

## GARNET, H.

An efficient triangular plate bending finite element for crash simulation p 64 A83-12755

## GARNIER, J. L.

New on board equipments /PMS, FMS/ and the ATC system - Evolution or revolution p 269 A83-24859

## GARRARD, W. L.

Calculated and experimental stress distributions in a ribbon parachute canopy p 181 A83-13168

Active flutter suppression using eigenspace and linear quadratic design techniques  
[AIAA PAPER 82-2222] p 621 A83-41702

Eigenspace techniques for active flutter suppression  
[NASA-CR-169858] p 217 N83-17556

## GARRELT, W. E.

Final evaluation of multi-viscosity oils designed for aircraft reciprocating engines  
[SAE PAPER 830707] p 691 A83-44685

## GARROY, C.

Chinese aviation in the eyes of American experts  
[AD-A118961] p 128 N83-14063

## GARY, B. L.

CAT altitude avoidance system  
[NASA-CASE-NPO-15351-1] p 38 N83-10040

## GASANALIJEV, M.

Aviation repair association chief interviewed p 176 N83-13064

## GASTINGER, D. C.

FAA rotorcraft icing regulations and directions p 668 A83-46927

## GASTON, D. W.

The U S Air Force and U S Navy Standard Central Air Data Computer p 34 A83-11120

## GATES, T. A.

Aircraft flight procedure program Data base development  
[PB82-183740] p 175 N83-12040

## GATLIN, G. M.

Trimming high lift for STOL fighters  
[AIAA PAPER 83-0168] p 168 A83-16566

## GATZEN, B. S.

Advanced turboprop propulsion technology  
[SP-03A82] p 281 N83-18659

## GAU, C.-F.

Hovering limit cycles - A man-in-the-loop approach  
[AIAA PAPER 83-2232] p 621 A83-41710

## GAUGLER, R. E.

Measured and calculated wall temperatures on air-cooled turbine vanes with boundary layer transition  
[NASA-TM-83030] p 183 N83-14432

## GAUME, J. G.

A combined hazard index fire test methodology for aircraft cabin materials, volume 1  
[AD-A117448] p 15 N83-10025

A combined hazard index fire test methodology for aircraft cabin materials, volume 2  
[AD-A117449] p 15 N83-10026

## GAUNTNER, J. W.

Use of cooling air heat exchangers as replacements for hot section strategic materials  
[NASA-TM-83494] p 747 N83-34946

## GAVILLA, H.

On-line certification for ATE systems p 1 A83-10785

## GAWISH, D.

Technical aspects of the AEROBAC AB-7 p 484 A83-34858

## GAY, C. H., JR.

Tip cap for a rotor blade  
[NASA-CASE-LEW-13654-1] p 164 N83-14129

## GAYDA, J.

Fatigue crack initiation and propagation in several nickel-base superalloys at 650 C p 634 A83-41199

## GEARHART, W. S.

Efficiency improved turboprop  
[AIAA PAPER 83-0059] p 160 A83-16491

Efficiency improved turboprop  
[AD-A118819] p 202 N83-12096

## GEBHARD, E. P.

A placement model for flight simulators  
[AD-A123782] p 466 N83-25730

## GEDWILL, M. A.

Coating with overlay metallic-cermet alloy systems  
[NASA-CASE-LEW-13639-2] p 227 N83-17683

## GEDYMIN, V. A.

Method for calculating jet noise in the presence of a shielding surface p 570 A83-37253

## GEISSLER, W.

Investigation of the unsteady airloads on airfoils with oscillating control in sub- and transonic flows p 717 A83-49180

## GELHAUSEN, P. A.

Effect of buoyancy and power design parameters on hybrid airship performance  
[AIAA PAPER 83-1976] p 521 A83-38907

## GELLATLY, R. A.

Force method optimization 2 Volume 1 Theoretical development  
[AD-A127073] p 652 N83-32408

## GELLIN, S.

Force method optimization II Volume 2 User's manual  
[AD-A128235] p 652 N83-32387

Force method optimization 2 Volume 1 Theoretical development  
[AD-A127073] p 652 N83-32408

## GELLMAN, A. J.

Economic analysis of aeronautical research and technology  
[NASA-CR-170083] p 368 N83-22025

## GENOVESE, D. T.

- Roughness effects on compressor outlet guide vanes at high Reynolds Number and high turning angle  
[AD-A124688] p 395 N83-24511

## GENT, C. R.

- Self-adaptive filters for the integration of navigation data  
p 268 A83-23374

## GENTIL, P.

- Design and development of a nozzle extendible exit cone  
[AIAA PAPER 83-1410] p 467 A83-36399

## GENTRY, G. L., JR.

- Low-speed aerodynamic characteristics of a highly swept, untwisted uncambered arrow wing  
[NASA-TP-2176] p 718 N83-36000

## GENTRY, L. R.

- Remotely driven model control surfaces for efficient wind-tunnel operations  
[AIAA PAPER 83-0148] p 172 A83-16556

## GEORGE-FALVY, D.

- Flight test evaluation of drag effects on surface coatings on the NASA Boeing 737 TCX airplane  
[NASA-CR-165787] p 666 N83-33852

## GEORGE, A. R.

- Comparison of broadband noise mechanisms, analyses, and experiments on helicopters, propellers, and wind turbines  
[AIAA PAPER 83-0690] p 365 A83-28009

## GEORGE, C. W.

- Static testing to evaluate airtanker delivery performance  
[PB82-179946] p 194 N83-12079  
Measurements of airtanker drop conditions during firefighting operations  
[PB83-157883] p 529 N83-29203

## GEORGE, M. W.

- Computational wing design for an advanced trainer  
[AIAA PAPER 83-0093] p 149 A83-16517

## GERARDI, A. G.

- Proposed specifications for international interoperability on repaired bomb damaged runways  
p 175 N83-15286

## GERARDI, T. G.

- Transient response of taxiing aircraft  
[AIAA 83-0927] p 329 A83-29853  
Dynamic taxi response (have bounce) testing of the C-5A aircraft  
[AIAA PAPER 83-1024] p 386 A83-32783  
Aircraft response to operations on rapidly repaired battle damaged runways and taxiways  
p 31 N83-10270  
An assessment of the A-10's capability to operate on rough surfaces  
p 607 N83-30717

## GERASIMOV, I. U. IA.

- Investigation of flow past an aircraft wing section in flight and in a wind tunnel  
p 493 A83-37506

## GERBERICH, W. W.

- Application of fracture mechanics for selection of metallic structural materials  
p 295 A83-25317  
Design, materials selection and failure analysis  
p 295 A83-25325

## GERDES, R. M.

- A summary of NASA/FAA experiments concerning helicopter IFR airworthiness criteria  
p 584 A83-41079  
Simulation evaluation of flight controls and display concepts for VTOL shipboard operations  
[AIAA PAPER 83-2173] p 575 A83-41668  
A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 1 Technical discussion and results  
[NASA-TM-84258-PT-1] p 48 N83-10049  
A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 2 Supporting data  
[NASA-TM-84258-PT-2] p 48 N83-10050  
The effects of pilot stress factors on handling quality assessments during US/German helicopter agility flight tests  
[NASA-TM-84294] p 205 N83-13114

## GEREN, W. P.

- Calibration of C-130 lightning characterization sensors  
[AD-A127344] p 610 N83-30413  
Lightning field spectra obtained from airborne measurements  
p 649 N83-31201

## GERLACH, J. C.

- Conditions conducive to lightning striking an aircraft in a thunderstorm  
p 588 N83-31236

## GERMAIN, G.

- The quality of avionics software  
Specification and evaluation  
p 335 N83-22142

## GERMISHUYS, J. J. S.

- Human factors in air safety  
p 320 N83-23234

## GERNER, A. A.

- Seven-hole cone probes for high angle flow measurement Theory and calibration  
p 474 A83-36085

## GERSTEIN, M.

- Abstracts 1982 AFOSR Contractors Meeting on Air Breathing Combustion Dynamics Research  
[AD-A121647] p 351 N83-21062

## GERTZ, J. L.

- The AMPS computer system Design and operation  
[ATC-110] p 220 N83-12867

## GESING, W. S.

- An integrated multisensor aircraft track recovery system for remote sensing  
p 257 A83-26266

## GETTY, D. J.

- Three-Dimensional Displays Perceptual Research and Applications to Military Systems  
[AD-A122577] p 309 N83-20692

## GEYER, G. B.

- Equivalency evaluation of firefighting agents and minimum requirements at US Air Force airfields  
[AD-A126443] p 198 N83-17524

## GHAFFARI, F.

- Study of highly sweptback wings by the free vortex sheet method  
[NASA-CR-169559] p 181 N83-13076

## GHIRINGHELLI, G.

- Anisotropic beam theory and applications  
p 65 A83-12756

## GHOSH, M. K.

- On the damping effect of sloshing fluid on flexible rotor systems  
[ASME PAPER 82-DET-140] p 65 A83-12783

## GIAMATI, C. C.

- Dynamic distortion in a short s-shaped subsonic diffuser with flow separation  
[AIAA PAPER 83-1412] p 683 A83-45515  
Dynamic distortion in a short s-shaped subsonic diffuser with flow separation  
[NASA-TM-83412] p 459 N83-26838

## GIAMEI, A. F.

- Energy efficient engine high-pressure turbine single crystal vane and blade fabrication technology report  
[NASA-CR-165400] p 616 N83-30429

## GIANSAETE, N.

- Rotor dynamic simulation and system identification methods for application to vacuum whirl data  
[NASA-CR-159356] p 32 N83-11117

## GIAROLA, A. J.

- Analysis of microstrip wraparound antennas using dyadic Green's function  
p 258 A83-26830

## GIAVOTTO, V.

- Anisotropic beam theory and applications  
p 65 A83-12756

## GIBB, R. M.

- Design and development of the RF-5E aircraft  
p 327 A83-29015

## GIBINO, D. J.

- Simulator applications and technology  
[AIAA PAPER 83-2172] p 630 A83-41667

## GIBSON, J. C.

- Piloted handling qualities design criteria for high order flight control systems  
p 49 N83-10058

## GIBSON, R. K.

- Advanced Gas Turbine (AGT) power-train system development  
[NASA-CR-167875] p 186 N83-15627

## GIBSON, S. G.

- User's manual for master Modeling of aerodynamic surfaces by 3-dimensional explicit representation  
[NASA-CR-166056] p 236 N83-18304

## GIESY, D. P.

- Tradeoff studies in multiobjective insensitive design of airplane control systems  
[AIAA PAPER 83-2273] p 622 A83-41739

## GIFFORD, R. V.

- The design integration of wingtip devices for light general aviation aircraft  
[NASA-TM-83252] p 30 N83-10034

## GILBERT, G. A.

- Rotorcraft air transportation  
p 251 N83-20834

## GILBERT, M. G.

- Quadratic synthesis of integrated active controls for an aeroelastic forward-swept-wing-aircraft  
p 47 A83-12458

## GILBERT, N. E.

- Digital filtering of helicopter flight data  
[ARL/AERO-NOTE-406] p 154 N83-14106  
Preliminary kinematic consistency checking of helicopter flight data  
[ARL/AERO-NOTE-414] p 678 N83-32794

## GILCHRIST, I. J.

- High speed propeller for the Lear Fan 2100  
[AIAA PAPER 83-2465] p 745 A83-49580

## GILL, B. J.

- An operational hygiene study for ozone in the cabin of the Canadian Forces (CC137) Boeing 707 aircraft  
[AD-A121749] p 332 N83-20937

## GILL, J. C.

- Advanced propfan engine characteristics and technology needs  
[AIAA PAPER 83-1155] p 450 A83-36250

## Rotorcraft convertible engine study

- [NASA-CR-168161] p 537 N83-27996

## GILL, M. E.

- Initial findings during studies of the flow within a high speed impeller using a transit anemometer  
p 216 N83-12270

## GILL, W.

- Sandia Aircraft Crashfire Facility  
[DE82-004297] p 198 N83-16313

## GILLASPY, P. H.

- Observations of optical lightning emissions from above thunderstorms using U-2 aircraft  
p 234 A83-22703

## GILLE, W. H., JR.

- Historical inflation program A computer program generating historical inflation indices for Army aircraft, revision  
[AD-A127674] p 654 N83-32677

## GILLIAM, F. T.

- Investigations on the effects of discrete wingtip jets  
[AIAA PAPER 83-0546] p 134 A83-16781

## GILLIAM, W. L.

- Ejection seat testing for females  
[AD-A122870] p 381 N83-23285

## GILLIAN, R. E.

- Aircraft noise prediction program user's manual  
[NASA-TM-84486] p 190 N83-16150

## GILMER, B. R.

- Aircraft aerodynamic prediction method for V/STOL transition including flow separation  
[NASA-CR-166467] p 426 N83-26818

## GILWEE, W. J.

- Polymer materials research at NASA Ames Research Center  
p 210 N83-12150

## GILYARD, G. B.

- Algorithms for real-time flutter identification  
[AIAA PAPER 83-2223] p 640 A83-41703

- Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft  
[NASA-TM-84901] p 265 N83-18710

- Real-time flutter analysis of an active flutter suppression system on a remotely piloted research aircraft  
p 628 N83-30380

## GINZBURG, A. E.

- The use of a structural model for determining the adaptability curve for turbine disks in stress concentration zones  
p 445 A83-35039

## GIORDANO, F.

- Lightweight materials for rolling elements in aircraft bearings  
p 184 N83-15510

## GIRARD, L. A., JR.

- Air bag impact attenuation system for the AQM-34V remote piloted vehicle  
p 29 A83-10188

## GIRAUDBIT, G.

- SITA - Advanced telecommunications services  
p 670 A83-45079

## GISBEY, R. M.

- The management of a large real-time military avionics project  
p 335 N83-22144

## GIULI, D.

- Performance analysis of a dwell-time processor for monopulse beacon radars  
p 200 A83-22726  
Reply correlation test analysis in monopulse beacon radars  
p 200 A83-22727

## GLADDEN, H. J.

- Measured and calculated wall temperatures on air-cooled turbine vanes with boundary layer transition  
[NASA-TM-83030] p 183 N83-14432

## GLADENKO, A. F.

- Sound propagation in ducts with impedance walls in the presence of an air flow II - Optimization of acoustic attenuation in ducts  
p 570 A83-37512

## GLASER, F. W.

- Wind tunnel measurements of blade/vane ratio and spacing effects on fan noise  
p 222 A83-15317  
Low flight speed acoustic results for a supersonic inlet with auxiliary inlet doors  
[AIAA PAPER 83-1415] p 706 A83-45517

- Low flight speed acoustic results for a supersonic inlet with auxiliary inlet doors  
[NASA-TM-83411] p 482 N83-27794

## GLASGOW, E. R.

- Zero-length inlets for subsonic V/STOL aircraft  
p 312 A83-29012

- Wind tunnel tests of a zero length, slotted-tip engine air inlet for a fixed nacelle V/STOL aircraft  
[NASA-TM-82939] p 9 N83-10019

## GLASGOW, T. K.

- Coating with overlay metallic-cermet alloy systems  
[NASA-CASE-LEW-13639-2] p 227 N83-17683

- GLATT, L.**  
The development of a generalized advanced propeller analysis system  
[AIAA PAPER 83-2466] p 746 A83-49581
- GLAZE, L. W.**  
V/STOL fountain force coefficient  
[AD-A126261] p 528 N83-29200
- GLENNY, D. E.**  
An evaluation of engine performance assessment procedures for the Lycoming T53 engine as installed in the Iroquois helicopter  
[ARL-MECH-ENG-NOTE-387] p 282 N83-18728
- GLEZER, A.**  
Thrust reverser effects on the tail surface aerodynamics of an F-18 type configuration  
[AIAA PAPER 83-1860] p 500 A83-38687
- GLICKSTEIN, M. R.**  
Thermal stability of alternative aircraft fuels  
[AIAA PAPER 83-1143] p 470 A83-36243
- GLIDEWELL, S. R.**  
Design of algorithms to extract data from capacitance sensors to measure fastener hole profiles  
p 639 A83-41026
- GLIENICKE, J.**  
Aerodynamic compliant bearings for small turbo-engines p 185 N83-15537
- GLOECKNER, B.**  
The employment of a miniature calculating device for the determination of the center of gravity  
p 545 A83-39220
- GLOERSEN, P.**  
MIZEX-WEST NASA CV-990 flight report  
[NASA-TM-85020] p 409 N83-23670
- GLOR, C.**  
Digital system for structural dynamics simulation  
[NASA-CR-168019] p 174 N83-14139
- GLOSS, B. B.**  
Support-sting interference on boattail pressure drag for Reynolds numbers up to 70 x 10 to the 6th  
[AIAA PAPER 83-0387] p 172 A83-16687  
Cryogenic Wind Tunnel Models Design and Fabrication  
[NASA-CP-2262] p 290 N83-16748
- GLOVER, J. R., JR.**  
The remote link unit. A demonstration of operational performance Part 3 Design manual, volume 1  
[AD-A124621] p 476 N83-25934  
The remote link unit. A demonstration of operational performance Part 3 Design manual Volume 2 Appendices A - C  
[AD-A124622] p 476 N83-25935  
The remote link unit. A demonstration of operational performance Part 2 User's manual  
[AD-A124620] p 476 N83-25938  
The remote link unit. A demonstration of operational performance, part 1  
[AD-A124619] p 476 N83-25939
- GLOWACKI, E. F.**  
Preliminary evaluation of the basic experimental active Beacon Collision Avoidance System (BCAS)  
[DOT/FAA/RD-82/67] p 188 N83-12058
- GLUSHCHENKO, N. I.**  
A finite-element study of the stress-strain state of the turbofan rotor of an aircraft gas-turbine engine  
p 274 A83-23515
- GLUSHKOV, N. N.**  
On the accuracy of calculating the aerodynamic characteristics of thin wings and airfoils by the method of discrete vortices p 493 A83-37519
- GOAD, W. K.**  
Flow visualization in a cryogenic wind tunnel using holography  
[NASA-TM-84556] p 217 N83-12395  
Image degradation in Langley 0.3-meter transonic cryogenic tunnel  
[NASA-TM-84550] p 219 N83-13419
- GOBBINI, G. F.**  
Stability of the decentralized estimation in the JTIDS relative navigation p 23 A83-11253
- GOBERT, J. L.**  
Studies on the cryogenic induction driven wind-tunnel T2 p 548 N83-28004
- GOCI, M. J.**  
An interactive bombing mission simulation with computer graphics interface  
[AD-A124661] p 481 N83-26637
- GOCKENBACH, E.**  
An impulse generator to simulate lightning effects on aircraft p 587 N83-31221
- GODBOUT, L. F., JR.**  
Output feedback pole assignment under system variation p 704 A83-44948
- GODDARD, K.**  
Aspects of the reliability and maintenance of turboprops and large turbofan engines  
[PNR-90113] p 45 N83-11135
- GODECKER, W.**  
Environmental control of an aircraft pod mounted electronics system  
[SAE PAPER 820869] p 263 A83-25768
- GODEFROY, J. C.**  
Measurement techniques in turbomachines, ultrathin transducers applied to measurements in turbomachines p 216 N83-12273
- GODFREY, D.**  
Dashing ahead in commuterliners p 519 A83-38470
- GODFREY, D. J.**  
The use of ceramics for engines p 757 A83-48636
- GODSTON, J.**  
Propulsion system integration configurations for future prop-fan powered aircraft  
[AIAA PAPER 83-1157] p 535 A83-38081  
Technology and benefits of aircraft counter rotation propellers  
[NASA-TM-82983] p 44 N83-11129
- GOEBEL, T.**  
A numerical transformation solution procedure for closely coupled canard-wing transonic flows  
[AIAA PAPER 83-0502] p 137 A83-19591
- GOEBEL, T. P.**  
Bending effects on structural dynamic instabilities of transonic wings  
[AIAA 83-0920] p 358 A83-29887
- GOEDEL, H.**  
Aeroelastic considerations for automatic structural design procedures p 730 A83-49189
- GOEMAAT, M. L.**  
VOR/DME automated station selection algorithm p 321 A83-28597
- GOETZ, E.**  
Navigation for balloon payloads - Recent experience with OMEGA in the US and a new slant range system p 514 A83-39814
- GOETZ, W. L.**  
A prototype model for the development of training systems and the acquisition of aircrew training devices for developing weapon systems  
[AD-A123041] p 401 N83-23331  
An evaluation of the pavement condition index prediction model for rigid airfield pavements  
[AD-A123002] p 402 N83-24524
- GOGGIN, D. G.**  
Field experiences with rub induced instabilities in turbomachinery p 186 N83-15631
- GOGINENI, S. P.**  
Helicopter-borne scatterometer  
[AD-A125796] p 562 N83-29561
- GOGLIA, G. L.**  
Inherent spiral stability in a fixed wing aircraft by means of a simplified pneumatic wing tip control system  
[NASA-CR-170207] p 344 N83-22206  
Experimental and analytical studies of a true airspeed sensor  
[NASA-CR-165704] p 530 N83-27989
- GOKA, T.**  
Analysis of in-trail following dynamics of CDTI-equipped aircraft p 390 A83-30161  
Modeling of the Mode S tracking system in support of aircraft safety research  
[NASA-CR-166486] p 510 N83-29186
- GOKHALE, G. S.**  
Present status and new trends in scientific ballooning in India p 525 A83-39817
- GOLASZESKI, R.**  
Government financial support for civil aircraft research, technology and development in four European countries and the United States  
[NASA-CR-169537] p 225 N83-14022
- GOLD, D.**  
A new use for NWC's wind machine - Parachute testing p 207 A83-15309  
A look at the Russell 'Lobe' parachute - The first ultrastable parachute design p 184 A83-15434
- GOLDBERG, J.**  
The software-implemented fault tolerance /SIFT/ approach to fault tolerant computing p 235 A83-22825
- GOLDEN, D. P.**  
An axisymmetric nacelle and turboprop inlet analysis including power simulation p 375 A83-32584
- GOLDIEZ, B. F.**  
Design of a real-time CGSI system  
[AIAA PAPER 83-1101] p 474 A83-36221
- GOLDMAN, A.**  
The effect of backlash and trailing-edge strips on the flutter speed of a two-dimensional model of a tailplane with tab p 151 A83-18068  
Flutter substantiation tests on a Transavia PL-12/T-300 Airtruk  
[AD-A118895] p 170 N83-14134  
Resonance tests on the tail of a CT4 aircraft  
[AD-A124566] p 441 N83-25703
- GOLDSCHMIED, F. R.**  
Jet-propulsion of subsonic bodies with jet total-head equal to free stream's  
[AIAA PAPER 83-1790] p 535 A83-38630  
Wind tunnel demonstration of an optimized LTA system with 65 percent power reduction and neutral static stability  
[AIAA PAPER 83-1981] p 522 A83-38910
- GOLDSTEIN, D. N.**  
Rotorcraft convertible engine study  
[NASA-CR-168241] p 747 N83-34944
- GOLDSTEIN, F.**  
Adaptive control of variable flow ducted rockets  
[AIAA PAPER 83-2202] p 595 A83-41686
- GOLDSTEIN, K.**  
A preliminary assessment of helicopter/VSTOL handling qualities specifications  
[AD-A124687] p 461 N83-25716
- GOLDSTEIN, K. W.**  
Status of VTOL and VSTOL flying qualities criteria development Where are we and where are we going? p 49 N83-10056
- GOLDSTEIN, R. J.**  
Curvature effects on the heat transfer performance of three-dimensional film cooling of gas turbine blades  
[AD-A119729] p 184 N83-14131  
Introduction to film cooling, three dimensional film cooling, curvature effects and film cooling p 301 N83-18731
- GOLOVAN, V. I.**  
Generalization of the results of calculations of the stressed state of structures with cutouts p 556 A83-37268
- GOLUB, R. A.**  
Turbofan engine blade pressure and acoustic radiation at simulated forward speed p 274 A83-24026
- GOMER, F. E.**  
Stimulus variables affecting dynamic target acquisition p 209 A83-22590
- GONCHAROV, I. N.**  
Lasers in aviation p 229 A83-20384
- GONULLU, B.**  
Numerical treatment of Doppler radar signals  
[ENST-E-82014] p 478 N83-27114
- GOODEY, J. H.**  
A Canadian approach to flutter clearance for external stores p 345 N83-22216
- GOODGER, E. M.**  
Radiation and smoke from the gas turbine combustor using heavy fuels p 294 A83-23877  
Alternative fuel technology series Volume 1 Alternative fuels for transport  
[ISBN-0-902937-63-4] p 555 N83-29414
- GOODMAN, J. W.**  
Undetectable critical defects in safety-of-flight structure p 641 A83-42544
- GOODMAN, R. C.**  
High frequency fatigue of turbine blade material  
[AD-A124585] p 458 N83-25713
- GOODMAN, S.**  
A study of wavelength division multiplexing for avionics applications  
[AD-A125749] p 530 N83-27990
- GOODMAN, S. E.**  
Fiber optics wavelength division multiplexing for aircraft applications p 21 A83-11181
- GOODMAN, S. J.**  
Observations of optical lightning emissions from above thunderstorms using U-2 aircraft p 234 A83-22703
- GOODSON, K. W.**  
Low-speed aerodynamic characteristics of a 42 deg swept high-wing model having a double-slotted flap system and a supercritical airfoil  
[NASA-TM-X-3036] p 4 N83-11022
- GOODWIN, J. L.**  
Air traffic management research at the Royal Signals and Radar Establishment p 142 A83-17730
- GOODWIN, P.**  
The first implementation of ATLAS for testing gas turbine engines p 1 A83-10750
- GOODYER, M. J.**  
Extraction of model performance from wall data in a 2-dimensional transonic flexible walled test section  
[NASA-CR-165994] p 207 N83-12102  
The status of two- and three-dimensional testing in the University of Southampton transonic self-streamlining wind tunnel p 349 N83-20971
- GOODYKOONTZ, J. H.**  
Experiments on high bypass internal mixer nozzle jet noise  
[NASA-TM-83020] p 191 N83-16152
- GOORJIAN, P. M.**  
Effects of viscosity on transonic-aerodynamic and aeroelastic characteristics of oscillating airfoils  
[AIAA 83-0888] p 312 A83-29835

Flutter analysis of a transport wing using XTRAN3S [AIAA 83-0922] p 357 A83-29848  
Interactions of airfoils with gusts and concentrated vortices in unsteady transonic flow [AIAA PAPER 83-1691] p 502 A83-39267

**GOPALAKRISHNAN, S**  
Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 1 [DE82-903116] p 303 N83-20165  
Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 2 [DE82-903304] p 303 N83-20166

**GORCZYCA, D**  
Automatic plotting of the results of bench tests of turbine engines p 39 A83-10444

**GORDON, C N**  
Flight software for optimal trajectories in transport aircraft [AIAA PAPER 83-2241] p 591 A83-41718

**GORDON, J E**  
Hazards of colour coding in visual approach slope indicators [ARL/REPT-25] p 186 N83-12057

**GORDON, W B**  
Crab angle estimation with two dimensional cross correlations and centroids [AD-A122872] p 382 N83-23289

**GORENKOV, A F**  
The effect of the jet fuel temperature on wear rates during the friction of sliding and rolling p 210 A83-16145  
Jet fuels based on West Siberian oils p 403 A83-32077

**GORGES, F J**  
Advanced lightweight, fire retardant floor paneling for aircraft [AIAA PAPER 83-2442] p 726 A83-48330  
Development of lightweight, fire retardant, low smoke, thermally stable, high strength floor paneling Passenger floor panels [NASA-CR-167770] p 212 N83-13174  
**GORGONOV, G I**  
Radio-electronic guidance systems p 299 A83-25622

**GORI, M**  
A new technique for the precision DME of microwave landing system p 186 A83-16448

**GORIUNOV, L V**  
An experimental study of ball bearings in the combined supports of the rotors of gas-turbine engines p 640 A83-42144

**GORSTEIN, M**  
Airport landside Volume 1 Planning guide [AD-A117599] p 56 N83-10083  
Airport landside Volume 2 The Airport Landside Simulation Model (ALSIM) description and users guide [AD-A117600] p 56 N83-10084  
Airport landside Volume 3 ALSIM calibration and validation [AD-A117601] p 57 N83-10085  
Airport landside Volume 4 Appendix A ALSIM AUXILIARY and MAIN programs [AD-A117602] p 57 N83-10086  
Airport landside Volume 5 Appendix B ALSIM subroutines [AD-A117603] p 57 N83-10087

**GOSSEN, J J**  
Monte Carlo simulation of the engine development process [AIAA PAPER 83-1405] p 456 A83-36394

**GOSSET, J**  
Minizone image furnace p 633 N83-31658

**GOSSETT, T D**  
The Aquila - A versatile, cost-effective military tool shows its potential p 192 A83-16399  
Extended uses of the Aquila RPV system p 601 A83-43716

**GOTHAN, G.**  
Flight test experience on military aircraft engine handling p 541 N83-29248

**GOTO, N**  
Piloting techniques on the backside p 169 A83-16927

**GOTTHARDT, H**  
Theoretical and experimental investigations involving plane turbine cascades with sweep and dihedral p 578 A83-41806

**GOUNET, H**  
A theoretical and experimental study of propeller noise [ONERA, TP NO 1982-122] p 305 A83-24333  
Subsonic and transonic propeller noise [ONERA, TP NO 1983-76] p 769 A83-48191

**GOUSAT, P.**  
Nitrogen ceramics in France p 757 A83-48310  
**GOUSSE, M**  
Full scale test of the C22 target in the ONERA S1MA wind tunnel [ONERA, TP NO 1982-95] p 152 A83-18430

**GOVARDHAN, M**  
Effect of entry boundary layer thickness on secondary flows in an annular cascade of turbine nozzle and rotor blades p 419 A83-35868

**GOVINDAN, T R**  
Blade loading and rotation effects on compressor rotor wake near end walls p 190 A83-22138

**GOWARD, G. W**  
Recent developments in high temperature coatings for gas turbine airfoils p 634 A83-42254

**GOWELL, R W**  
Measuring the antenna pattern of the HF heater antenna in Puerto Rico [AD-A119963] p 186 N83-15558

**GOYA, T**  
Traumatic occlusion of the vertebral artery caused by neck rotation [AD-A126922] p 606 N83-30409

**GOYAL, A**  
Coal gasification for stationary gas-turbine applications [DE82-902135] p 226 N83-16553

**GOYAL, R K**  
Three dimensional compressible viscous analysis of mixer nozzles [AIAA PAPER 83-1401] p 422 A83-36391

**GRABAU, J J**  
Symbolic pattern matching for target acquisition p 24 A83-11460

**GRABOWSKI, B**  
Shaft vibrations in turbomachinery excited by cracks p 187 N83-15635

**GRACHEV, V S**  
Investigation of flow past an aircraft wing section in flight and in a wind tunnel p 493 A83-37506

**GRAEWE, E**  
Development of a six-component weighing device for cryogenic applications p 752 A83-47208  
Development of a cryogenic windtunnel balance [KB-TE-1-1173] p 632 N83-31611

**GRAF, C P**  
Design of a real-time CGSI system [AIAA PAPER 83-1101] p 474 A83-36221

**GRAF, E R**  
Observers as noise filters in an automatic aircraft landing system p 285 A83-24434

**GRAF, P. A.**  
Analytical and experimental investigation of turbine blade damping [AD-A120470] p 213 N83-16345

**GRAF, W**  
Allocation of protection p 588 N83-31240

**GRAFTON, S B**  
High-angle-of-attack stability characteristics of a 3-surface fighter configuration [NASA-TM-84584] p 288 N83-19757

**GRAGG, C D**  
Open seat ejection at high dynamic pressure - A radical approach p 190 A83-15308

**GRAHAM, J M R**  
Ejection seat testing for females [AD-A122870] p 381 N83-23285

**GRAHAM, L J**  
A wind tunnel for unsteady turbulent shear flows - Design and flow calculation p 218 A83-19664

**GRAHAM, R W**  
Acoustic-emission monitoring of steam turbines [DE82-904663] p 73 N83-10887

**GRAHAM, T A**  
Opportunities for research in aerothermodynamics [NASA-TM-83348] p 394 N83-24506

**GRAHAM, T A**  
Application of system identification flight analysis techniques to the pitch-heave dynamics of an air cushion vehicle p 484 A83-34852

**GRAINGER, P S**  
Composite technology in the UK helicopter industry p 151 A83-18377

**GRANATEK, B J**  
Major hot section component salvaged through advanced repair methods [SAE PAPER 821489] p 534 A83-38007

**GRANGAARD, J L**  
Infrared calibration facilities at Newark Air Force Station p 219 A83-22875

**GRANGER, R A.**  
Testing of the Mannesmann Demag oxygen compressor [DE83-006801] p 646 N83-31028

**GRANIERO, J A**  
The role and nature of adaptive antennas in ECCM [AD-P000923] p 701 N83-34148

**GRANOT, R**  
Effective aerodynamic parameter evaluation from free flight tests p 203 A83-21005

**GRANT, I J**  
A family of small low cost gas turbines for unmanned vehicle systems p 615 A83-42616

**GRANT, W D**  
Advanced composite elevator for Boeing 727 aircraft, volume 2 [NASA-CR-159258] p 205 N83-16330

**GRANTHAM, W D**  
An advanced control system for a next generation transport aircraft [AIAA PAPER 83-2194] p 620 A83-41679

**GRANTHAM, W L**  
Greenland 1979 microwave remote sensing data catalog report, 14-15 October 1979 [NASA-TM-84571] p 362 N83-21730

**GRASSO, F**  
Computed and measured turbulence in axisymmetric reciprocating engines p 276 A83-24669  
Sensitivity of chamber turbulence to intake flows in axisymmetric reciprocating engines p 276 A83-24677

**GRATALO, J G**  
Improved airborne HF receive antenna An ILIR report [AD-A118861] p 182 N83-14369

**GRAVES, S R**  
Graphite/Larc-160 technology demonstration segment test results [NASA-CR-172123] p 637 N83-30539

**GRAY, T D**  
Fatigue life evaluation of the A-7E arresting gear hook shank p 175 A83-13912  
Damage tolerance assessment of the A-7D aircraft structure p 204 A83-21771

**GRAZIANI, R A**  
J790 thermal barrier coated vanes [NASA-CR-167964] p 536 N83-27993

**GREBER, I**  
Dilution jet experiments in compact combustor configurations p 538 N83-29218

**GRECO, L**  
The Navy PATE program - A status report [ASME PAPER 83-GT-109] p 739 A83-47944

**GREEN, B I**  
Structural mechanics of fibre composites p 635 N83-30530

**GREEN, G M**  
Preliminary report on the engineering development of the Magnus Aerospace Corp LTA 20-1 heavy-lift aircraft p 327 A83-28193  
Development of the Magnus Aerospace Corporation's rotating-sphere airship [AIAA PAPER 83-2003] p 523 A83-38922

**GREEN, J**  
A glimpse into the future of air combat [AIAA PAPER 83-0143] p 171 A83-16552

**GREEN, K C**  
Integrated flight and fire control development and flight test on an F-15B aircraft p 20 A83-11160

**GREENBERG, C E**  
Flight testing with hot JP-4 fuel p 277 A83-24831

**GREENE, W**  
Development and operating characteristics of an advanced two-stage combustor p 535 A83-38022  
Energy efficient engine sector combustor rig test program [NASA-CR-167913] p 283 N83-19753

**GREENLEE, P H**  
Design consideration for lighting modern commercial aircraft [SAE PAPER 830712] p 599 A83-43322

**GREENSLET, E S**  
Transport aircraft requirements - How much? How soon? How to pay? [AIAA PAPER 83-2504] p 720 A83-49588

**GREGG, G**  
Cost effective performance restoration of high by-pass engines p 447 A83-35833

**GREGOIRE, H**  
An option for enhanced aircrew survivability p 183 A83-15409

**GREGOIRE, J E**  
Pan Air versus S/HABP - An evaluation of two diverse approaches to supersonic missile aerodynamic analysis [AIAA PAPER 83-0008] p 129 A83-16460

**GREGOIRE, R**  
The analysis of operational stresses p 181 A83-18596

**GREGOREK, G M**  
An analytical evaluation of the icing properties of several low and medium speed airfoils [AIAA PAPER 83-0109] p 131 A83-16525

- Flight investigation of natural laminar flow on the Bellanca Skyrocket II  
[SAE PAPER 830717] p 599 A83-43326
- Aerodynamic flight test of four single engine propellers  
[SAE PAPER 830731] p 615 A83-43328
- An investigation of the aerodynamic characteristics of a new general aviation airfoil in flight  
[NASA-CR-169477] p 179 N83-12046
- Wind tunnel evaluation of airfoil performance using simulated ice shapes  
[NASA-CR-167960] p 138 N83-15265
- GREGORY, G. L.**  
Laboratory evaluation of an airborne ozone instrument that compensates for altitude/sensitivity effects  
p 681 A83-45618
- GREGORY, W.**  
High accuracy fuel flowmeter, phase 1  
[NASA-CR-167893] p 359 N83-21314
- GREITZER, E. M.**  
Effects of compressor hub treatment on stator stall margin and performance  
[AIAA PAPER 83-1352] p 475 A83-36354
- Non-uniform flows in axial compressors due to tip clearance variation p 745 A83-48824
- Current problems in turbomachinery fluid dynamics  
[AD-A126478] p 747 N83-34949
- GRELLNER, W.**  
Development and fabrication of refractory bodies for gas turbine engines  
[BMFT-FB-T-82-138] p 164 N83-14132
- GREINICH, A. F.**  
Performance tests of two inert gas generator concepts for airplane fuel tank inerting  
[AIAA PAPER 83-1140] p 519 A83-38078
- GRENS, E. A., II**  
Anti-misting additives for jet fuels  
[NASA-CR-169751] p 225 N83-16417
- Viscometric and misting properties of polymer-modified fuel  
[NASA-CR-169750] p 226 N83-16543
- GRIEB, H.**  
Development trends regarding jet engines for future combat aircraft  
[DGLR PAPER 82-072] p 275 A83-24186
- GRIFFIN, C. F.**  
Advanced composite aileron for L-1011 transport aircraft. Ground tests and flight evaluation  
[NASA-CR-165664] p 606 N83-30405
- Advanced composite aileron for L-1011 transport aircraft. Design and analysis  
[NASA-CR-165635] p 606 N83-30406
- GRIFFIN, D. E.**  
Supersonic V/STOL - Tandem fan concepts  
[AIAA PAPER 83-2567] p 746 A83-49597
- GRIFFIN, J. H.**  
Friction damping of flutter in gas turbine engine airfoils  
p 274 A83-24038
- Effects of friction dampers on aerodynamically unstable rotor stages  
[AIAA PAPER 83-0848] p 392 A83-32791
- Effects of static friction on the forced response of frictionally damped turbine blades  
[ASME PAPER 83-GT-155] p 741 A83-47981
- GRIFFIN, K. E.**  
Wake characteristics and interactions of the canard/wing lifting surface configuration of the X-29 forward-swept wing flight demonstrator  
[AIAA PAPER 83-1835] p 499 A83-38664
- Measurement of wake interactions of a canard and a forward swept wing  
[AD-A118756] p 180 N83-12053
- GRIFFIN, M. D.**  
Applications of computational techniques in the design of ramjet engines p 418 A83-35828
- Calculation of inviscid air capture and additive drag for 3-D supersonic inlet flows p 685 N83-33889
- GRIFFITHS, G. R.**  
Composite technology in the UK helicopter industry p 151 A83-18377
- GRIFFITHS, J.**  
An introduction to the Boeing 767-200 and the 767 Weight Control Program  
[SAWE PAPER 1467] p 602 A83-43741
- GRIGOREV, V. P.**  
Aircraft production technology (2nd revised and enlarged edition) p 415 A83-36443
- GRIMES, G. C.**  
Fatigue sensitivity of composite structure for fighter aircraft p 152 A83-18402
- GRIMES, H. H.**  
Research on ultra-high-temperature materials: monolithic ceramics, ceramic matrix composites and carbon/carbon composites p 211 N83-12161
- GRITTON, M. J.**  
Time-variant aerodynamics for translational motion of large-turning airfoils  
[AD-A118884] p 203 N83-13105
- GROENEWEG, J. F.**  
Aircraft turbofan noise  
[NASA-TM-83317] p 239 N83-18405
- GROESBECK, D. E.**  
Conventional profile coaxial jet noise prediction  
p 237 A83-22128
- Comparison with prediction  
[NASA-TM-83370] p 482 N83-27793
- GROMMES, R. J.**  
Integrated flight/propulsion control system architectures for a high speed aircraft  
[AIAA PAPER 83-2563] p 746 A83-49595
- GROSS, U.**  
The water tunnel - A helpful simulation facility for the aircraft industry p 55 A83-11080
- GROSSER, W. F.**  
Aerodynamic characteristics of a slotted vs smooth-skin supercritical wing model p 178 A83-15324
- Flutter and steady/unsteady aerodynamic characteristics of supercritical and conventional transport wings p 345 N83-22218
- GROSSIN, M.-J.**  
Flight management computers (FMS) p 618 A83-40881
- GROSVELD, F. W.**  
Noise transmission characteristics of advanced composite structural materials  
[AIAA PAPER 83-0694] p 306 A83-25915
- Noise transmission through sidewall treatments applicable to twin-engine turboprop aircraft  
[AIAA PAPER 83-0695] p 306 A83-25916
- Characteristics of the transmission loss apparatus at NASA Langley Research Center  
[NASA-CR-172153] p 572 N83-30165
- GRUEBEL, G.**  
Systematic computer aided control design p 342 N83-22097
- GRUENHAGEN, W. V.**  
Comparison of rotor analysis results with aerodynamic windtunnel data p 194 N83-17487
- GRUNLING, H. W.**  
The interaction of high temperature corrosion and mechanical properties of alloys p 224 A83-21470
- GRUNNET, J. L.**  
Model test and full-scale checkout of dry-cooled jet runup sound suppressors p 753 A83-48217
- GRUNWALD, A. J.**  
Predictor symbology in computer-generated pictorial displays  
[NASA-CR-169441] p 72 N83-10803
- GRUPE, U.**  
The increase in the cost effectiveness of the construction of and preparation of manufacturing processes for flight equipment through integrated and graphic data processing CAD/CAM p 759 A83-47191
- GRUZDEV, V. N.**  
Methods for calculating the stabilization limits of a flame of inhomogeneous mixtures using a bluff body p 41 A83-11512
- Increasing the combustion efficiency of fuel in an air-heating chamber operating on a pre-vaporized fuel p 614 A83-42151
- GSCHWENDER, L. J.**  
Determination of the sensitivity of U.S. Air Force aircraft hydraulic system components to particulate contamination p 475 A83-36910
- GU, J.**  
Nonsynchronous whirls of the turbine rotor in aerojet engines p 615 A83-43694
- GU, S. J.**  
Trajectory with diffusion method for predicting the fuel distribution in a transverse stream  
[AIAA PAPER 83-0336] p 161 A83-16662
- GU, S.-J.**  
Experimental investigation of fuel distribution in a transverse stream  
[ASME PAPER 83-GT-207] p 743 A83-48008
- GUADAGNINO, C. L.**  
Evaluation of a damage accumulation monitoring system as an individual aircraft tracking concept  
[AD-A118768] p 193 N83-12076
- GUAN, D.**  
A program system for dynamic analysis of aeronautical structures /HAJIF-II/ p 215 A83-15545
- GUANG, C.**  
The problems of refitting aero-gas turbine engines for multiple uses p 43 N83-11052
- GUBSER, J. L.**  
Investigation of limit cycle response of aerodynamic surfaces with structural nonlinearities  
[AD-A127140] p 584 N83-31580
- GUERBET, M.**  
The toxic nature of gases from the thermal decomposition of combustible materials  
[RAE-TRANS-2082] p 553 N83-28118
- GUERRA, G.**  
Conceptual design of transport aircraft p 731 A83-49475
- GUFFOND, D.**  
Wind tunnel study of icing and de-icing on oscillating rotor blades  
[ONERA, TP NO 1982-116] p 247 A83-24327
- GUGEL, E.**  
Development of high strength silicon carbide materials for gas turbine applications, phase 2  
[BMFT-FB-T-82 140] p 164 N83-14133
- GUILFOOS, S. J.**  
Wartime maintenance impact on aircraft availability  
Quantifying the R&D investment payoff  
[AIAA PAPER 83-2515] p 711 A83-48359
- Aircraft availability. An acquisition decision strategy  
[AD-A123060] p 372 N83-23271
- GULL, F.**  
Preliminary analyses of flail, windblast and tumble problems and injuries associated with usage of U.S. Navy Aircrew Automated Escape Systems /AAES/ p 183 A83-15407
- GULL, F. C.**  
Preliminary generalized thoughts concerning ejection flail phenomena p 182 A83-15404
- Preliminary overview analyses of U.S. Navy Aircrew Automated Escape Systems /AAES/ in-service usage data p 182 A83-15405
- Preliminary generalized thoughts concerning jettisoned vs through-the-canopy ejection escape systems p 182 A83-15406
- U.S. Navy Aircrew Automated Escape Systems /AAES/ In-Service Data Analysis program p 183 A83-15408
- GUILLARD, P.**  
Omega application in the Indonesian region p 431 A83-35599
- GUILLET, F.**  
Comparative trials of helicopter rotors in a wind tunnel  
[ONERA, TP NO 1982-119] p 243 A83-24330
- GUINN, K. F.**  
Individual blade control independent of a swashplate p 191 A83-16027
- GULLEDGE, T. R.**  
Cost functions for airframe production programs  
[AD-A119788] p 128 N83-14062
- GULLY, S. W.**  
Multivariable stability margins for vehicle flight control systems p 285 A83-24815
- Nonlinear generalized likelihood ratio algorithms for maneuver detection and estimation p 511 A83-37136
- GUNDERSON, A. W.**  
Design, materials selection and failure analysis p 295 A83-25325
- GUNNINK, J. W.**  
Overall buckling of specially orthotropic Z-stiffened panels Part 1 Theory  
[VTH-LR-351-PT-1] p 69 N83-11526
- GUNTHER, H.**  
Air traffic flow management over Europe p 143 A83-17735
- GUO, R. W.**  
The swirl in an S-duct of typical air intake proportions p 418 A83-35620
- GUOXIONG, N.**  
Experimental research on perforated acoustic liners in turbojet engine afterburners p 165 N83-15256
- GUPTA, A.**  
A technical analysis of rehosting the National Aerospace System software  
[AD-A118828] p 187 N83-12069
- GUPTA, I. J.**  
Relationship between the adaptive performance of antenna arrays and their underlying electromagnetic characteristics p 219 N83-13324
- An algorithm to select element locations of an adaptive array  
[AD-A120486] p 186 N83-15570
- GUPTA, M. M.**  
Synthesis of C(astenski)-model reference adaptive flight controller p 287 A83-26559
- GUPTA, N.**  
Flight test trajectory control analysis  
[NASA-CR-170395] p 288 N83-18744
- GUPTA, N. K.**  
Integrated airframe/propulsion controls technology p 46 A83-11175
- Algorithms for real-time flutter identification  
[AIAA PAPER 83-2223] p 640 A83-41703
- GURA, G. S.**  
Motion of the ski runners of an aircraft on soil I p 327 A83-29281

## GUREVICH, E. A.

The effect of additive compositions on the oxidation stability of T-6 fuel p 58 A83-10458

## GURKA, J. J.

Application of VAS multispectral imagery to aviation forecasting p 408 A83-30561

## GURMAN, B.

Electroluminescent displays p 611 N83-30421

## GURUSHKIN, A. M.

The effect of slot suction on the aerodynamic characteristics of an airfoil at transonic velocities p 494 A83-37552

## GURUSWAMY, P.

Effects of viscosity on transonic-aerodynamic and aeroelastic characteristics of oscillating airfoils [AIAA 83-0888] p 312 A83-29835  
Flutter analysis of a transport wing using XTRAN3S [AIAA 83-0922] p 357 A83-29848

## GUSEV, I. N.

Dynamic stability of a flight vehicle near a perturbed surface p 396 A83-33008

## GUSTAFSON, A. J.

Impact behavior of fibrous composition and metal substructures [AD-A121618] p 296 N83-18858

## GUSTAVINO, T.

In-flight aircraft seat fire extinguishing tests (cabin hazard measurements) [FAA-CT-82-111] p 197 N83-16308

## GUTHRIE, J. A.

Flight testing the Hustler 500 p 387 A83-32930

## GUY, C. R.

Sea King helicopter flight trials [ARL-AERO-NOTE 415] p 733 N83-36023

## GUY, R. W.

Expanded operational capabilities of the Langley Mach 7 Scramjet test facility [NASA-TP-2186] p 754 N83-36039

## GUYTON, F. C.

Comparison of computational and experimental jet effects p 7 A83-10185

## GYLES, B.

Hot wire thermal tuft development for measurement of flow reversal near a compressor blade p 216 N83-12274

## H

## HAACK-VOERSMANN, L.

Airborne flight trajectory planning as a new pilot task [TUBS/FB-82-04-01] p 206 N83-13121

## HAAFKENS, M. H.

Experiences in repair of hot section gas turbine components [SAE PAPER 821490] p 535 A83-38008

## HAAKINSON, E. J.

Instrument landing system localizer receiver performance in the presence of co-channel interference [AD-A118909] p 188 N83-13089

## HAAS, J. E.

Experimental evaluation of inlet turbulence, wall boundary layer, surface finish, and fillet radius on small axial turbine state performance [SAE PAPER 821475] p 534 A83-38001

Analytical and experimental investigation of stator endwall contouring in a small axial-flow turbine 1. Stator performance [NASA-TP-2023] p 43 N83-11125

## HAAS, M. W.

Visually-coupled systems as simulation devices [AIAA PAPER 83-1083] p 464 A83-36224

## HAAS, T. J.

YAH-63 helicopter crashworthiness simulation and analysis [AD-A125642] p 510 N83-27970

## HABASHI, W. G.

A transonic quasi-3D analysis for gas turbine engines including split-flow capability for turbofans p 190 A83-22647

## HABERKORN, B.

Automated riveter for spherical aircraft cell structures p 709 A83-47182

## HABERLAND, W.

New technology in general aviation [DGLR PAPER 82-048] p 262 A83-24172  
Modern wing technology for general aviation aircraft. Phase 3. Flight testing [BMFT-FB W-82-012] p 33 N83-11121

## HABERLE, G. F.

Airport and highway noise control, planning and analysis [PB83-153692] p 560 N83-28290

## HABERMANN, H.

The Actidyne active magnetic bearing p 185 N83-15533

## HACKER, J. M.

First results of boundary layer research flights with three powered gliders during the field experiment PUKK p 188 A83-18996

## HACKETT, S. B.

Decision support systems An approach to aircraft maintenance scheduling in the Strategic Air Command [AD-A123039] p 372 N83-23269

## HACKLER, L. W.

Identification of exit taxiways (retroreflective markers only) [AD-A117487] p 58 N83-11151

Evaluation of supplemental lights for caution bars [FAA-CT-82-119] p 220 N83-17559

## HACKLINGER, M.

The problem of design criteria for aircraft loads due to rough runway operation p 158 N83-15298

## HADCOCK, R.

Advanced composites for advanced aircraft p 552 A83-40342

Manufacturing processes for aeronautical structures p 227 N83-17620

Specific examples of aerospace applications of composites p 227 N83-17621

## HADDAD, A. J.

Emulation, a cost effective alternative for replacing obsolete ATE p 69 A83-10763

## HADLEY, S. K.

Application of forward sweep wings to an air combat fighter [AIAA PAPER 83-1833] p 520 A83-38662

## HAFTKA, R. T.

Design for global damage tolerance and associated mass penalties p 214 A83-15321

Damage tolerant design using collapse techniques p 695 A83-45591

Structural optimization with aeroelastic constraints - A survey of US applications p 764 A83-49188

## HAGEMAIER, D. J.

Eddy current impedance plane analysis p 231 A83-22410

A critical commentary on magnetic particle inspection p 694 A83-43829

## HAGEMEISTER, K.

Ceramic components for high-temperature vehicular gas turbines - State of the art of the German ceramic program [ASME PAPER 83-GT-205] p 762 A83-48006

## HAGEN, D. L.

Design of plywood and paper flywheel rotors [DE83-002276] p 304 N83-20430

## HAGEN, F. W.

Advanced multiple output air data sensor for angle of attack, pitot and static pressure measurements p 34 A83-11098

## HAGER, R. D.

The aerodynamic design and performance of the General Electric/NASA EEE fan [AIAA PAPER 83-1160] p 451 A83-36252

## HAQUE, D. S.

Correlation of flight test and analytic M-on-N air combat exchange ratios p 710 A83-48219

## HAH, C.

A Navier-Stokes analysis of three-dimensional turbulent flows inside turbine blade rows at design and off-design conditions [ASME PAPER 83-GT-40] p 713 A83-47900

## HAHN

Force initiations in helicopter rotor blades, wind channel fans and wind turbines [MBB-UD-356-82-O] p 196 N83-17522

## HAHN, H. T.

Failure mechanisms p 693 N83-33962

## HAHN, M.

Force-transmitting structures in blades for helicopter rotors, wind-tunnel blowers, and wind turbines [DGLR PAPER 82-013] p 764 A83-50138

## HAHN, R. S.

Feasibility study on CNC multipoint grinding of jet engine components using force sensing adaptive control [AD-A121725] p 302 N83-19953

## HANNE, D. E.

Low-speed investigation of the maneuver capability of supersonic fighter wings [AIAA PAPER 83-0426] p 134 A83-16708

Status review of a supersonically-based fighter wing-design study [AIAA PAPER 83-1857] p 521 A83-38684

## HAIDL, G.

The F-4 flutter suppression program p 730 A83-49192

## HAINES, G. H.

Landing gear shock absorber development to improve aircraft operating performance on rough and damaged runways p 158 N83-15299

## HAINES, P.

Aerodynamic penalties of heavy rain on landing airplanes p 138 A83-18403

Heavy rain influence on airplane accidents p 138 A83-18415

## HAJELA, P.

Techniques in optimum structural synthesis with static and dynamic constraints p 699 N83-33189

## HALDEMAN, C. W.

Development of closed loop roll control for magnetic balance systems [NASA-CR-166017] p 208 N83-13122

## HALDEMAN, D. G.

Integrated CNI - A new testing challenge p 18 A83-11095

## HALE, P. L.

A method to estimate weight and dimensions of small aircraft propulsion gas turbine engines User's guide [NASA-CR-168049] p 213 N83-16343

## HALES, J. M.

Composite design of an advanced airborne monitoring system [DE82-006980] p 235 N83-18106

## HALFMANN, G.

Modern wing technology for general aviation aircraft Phase 3. Flight testing [BMFT-FB-W-82-012] p 33 N83-11121

## HALFORD, G. R.

Nonlinear structural and life analyses of a combustor liner p 65 A83-12764

Turbine blade nonlinear structural and life analysis p 337 A83-29024

## HALL, C. L.

Investigation of F/A-18A engine throttle usage and parametric sensitivities [ASME PAPER 83-GT-64] p 738 A83-47919

## HALL, C. W.

A fundamental basis for using the platinum group elements as alloying additions in nickel-base alloys to improve high temperature corrosion p 757 A83-49501

## HALL, D. G.

The use of composite materials in aircraft propellers p 42 A83-12966

Advanced propeller technology for new commuter aircraft [SAE PAPER 820720] p 392 A83-31803

## HALL, J. C.

Flight Management Systems III - Where are we going and will it be worth it? [AIAA PAPER 82-2237] p 622 A83-41714

## HALL, J. F.

Pan Air Geometry Management System (PAGMS) A data-base management system for PAN AIR geometry data [NASA-CR-16581] p 771 N83-35943

## HALL, J. W., JR.

Nondestructive airfield pavement testing using laser technology [AIAA PAPER 83-1601] p 399 A83-33364

## HALL, P. H.

A set of flight dynamic equations for aircraft simulation [AD-A119543] p 175 N83-14143

## HALL, P. S.

Recent examples of conformal microstrip antenna arrays for aerospace applications p 144 A83-18672

Vibration test level criteria for aircraft equipment p 31 N83-10240

## HALL, V. J.

The A6E /TRAM/ all-weather weapon system p 24 A83-11260

## HALLE, J. E.

Energy efficient engine low-pressure compressor component test hardware detailed design report [NASA-CR-165354] p 616 N83-30427

## HALLEN, O.

Simulator studies to develop and improve flight attitude information p 197 A83-16334

## HALLISSY, J. B.

Design and true Reynolds number 2-D testing of an advanced technology airfoil [AIAA PAPER 83-1792] p 496 A83-38632

Wind-tunnel investigation of aerodynamic load distribution on a variable-wing-sweep fighter airplane with a NASA supercritical airfoil [NASA-TM-X-3095] p 32 N83-11116

## HALLOCK, J. N.

Chicago Monostatic Acoustic Vortex Sensing System Volume 4. Wake vortex decay [AD-A120081] p 138 N83-15269

## HALOULAKOS, V. E.

Strong pressure waves in air-breathing engines p 715 A83-48216



- HALYO, N.**  
Terminal area automatic navigation, guidance and control research using the Microwave Landing System (MLS). Part 5 Design and development of a Digital Integrated Automatic Landing System (DIALS) for steep final approach using modern control techniques [NASA-CR-3681] p 345 N83-22213
- HAM, N D**  
Effects of dynamic stall on SWECS p 409 N83-23732
- HAMBLING, B.**  
The military user view of software support throughout the in-service life of avionics systems p 335 N83-22149
- HAMILTON, J R**  
Historical inflation program A computer program generating historical inflation indices for Army aircraft, revision [AD-A127674] p 654 N83-32677
- HAMILTON, K G.**  
Prelaunch survivability of Ground Launched Cruise Missile (GLCM) Volume 3 SAVAGE code version 1.0 user's guide [AD-A119023] p 155 N83-14113
- HAMM, J M**  
Allocation of protection p 588 N83-31240
- HAMME, D L.**  
ICNIA - Lessons learned on sensor integration p 18 N83-11096
- HAMMOND, C E**  
Wind tunnel results showing rotor vibratory loads reduction using higher harmonic blade pitch p 169 N83-18385
- HAMMOND, J K**  
Nonstationarity in acoustic fields p 769 N83-47628
- HAMMOND, J L, JR**  
Design of algorithms to extract data from capacitance sensors to measure fastener hole profiles p 639 N83-41026
- HAMMOND, T A.**  
Ride quality systems for commuter aircraft [NASA-CR-166118] p 397 N83-24512
- HAMOUDA, M N**  
Helicopter vibration suppression using simple pendulum absorbers on the rotor blade p 204 N83-13109
- HAMOUDA, M-N H**  
Aeromechanical stability of a hingeless rotor in hover and forward flight - Analysis and wind tunnel tests p 732 N83-50141
- HAMPTON, B J**  
Benefits assessment of active control technology and related cockpit technology for rotorcraft [NASA-CR-166406] p 217 N83-17553
- HAN, J. C**  
A computer model for gas turbine blade cooling analysis [ASME PAPER 82-JPGC-GT-6] p 279 N83-25267
- HAN, L S**  
Transient heat flow along uni-directional fibers in composites [AD-A122926] p 471 N83-26929  
Heat transfer on three turbine airfoils [AD-A128762] p 747 N83-34950
- HANCOCK, G J**  
Universities - Have they a role in aeronautical research? Flight mechanics, avionics and space p 575 N83-42619
- HAND, L. A.**  
A new facility and technique for two-dimensional aerodynamic testing p 398 N83-32585
- HANEY, D. G**  
Aircraft towing feasibility study p 207 N83-17458
- HANEY, H. P.**  
Computational aerodynamic design methodology [AIAA PAPER 83-1865] p 501 N83-38692
- HANIF, S. M**  
A review and comparison of lightning return stroke models using experimental data [AD-A124680] p 479 N83-26345
- HANIN, M**  
Induced drag of a slender wing in a nonuniform stream p 312 N83-28970
- HANK, W K**  
The oil/air system of a modern fighter aircraft engine p 167 N83-15511
- HANKE, D.**  
Handling qualities aspects of CTOL aircraft with advanced flight controls p 50 N83-10064
- HANKER, E J., JR.**  
Rotor aerodynamics in ground effect at low advance ratios [AD-A118609] p 180 N83-12051
- HANKEY, W L, JR**  
Numerical simulation of cold flow in an axisymmetric centerbody combustor [AIAA PAPER 83-1741] p 531 N83-37219
- HANNAH, M J**  
Bootstrap stereo error simulations p 25 N83-12895
- HANNAH, M Z.**  
Intelligent control of tactical target cueing p 25 N83-12879
- HANSCHMANN, D**  
Prediction capability and improvements of the numerical notch analysis for fatigue loaded aircraft and automotive components p 213 N83-13907
- HANSEN, B J**  
Automatic control and data acquisition system for combustion laboratory applications [AD-A125195] p 470 N83-25829
- HANSEN, D F**  
Development of an airborne visibility meter [AD-A124276] p 410 N83-25327
- HANSEN, I G.**  
Advantage of resonant power conversion in aerospace applications [NASA-TM-83399] p 536 N83-27994
- HANSEN, J**  
Highly stressed materials, with aviation considered as an example p 487 N83-33951
- HANSEN, R S**  
On approximating higher-order rotor dynamics in helicopter stability-derivative models [AIAA PAPER 83-2088] p 624 N83-41920  
Helicopter simulation validation using flight data [NASA-TM-84291] p 204 N83-13112  
Helicopter simulation validation using flight data p 631 N83-30372
- HANSON, D B**  
Near-field frequency - Domain theory for propeller noise [AIAA PAPER 83-0688] p 365 N83-28007  
Compressible helicoidal surface theory for propeller aerodynamics and noise p 375 N83-32986
- HANSON, G D**  
Effects of control saturation on the command response of statically unstable aircraft [AIAA PAPER 83-0065] p 168 N83-16497  
Analysis of pilot control strategy [NASA-CR-170399] p 344 N83-22212  
Non-intrusive parameter identification procedure user's guide [NASA-CR-170398] p 397 N83-23318
- HANSON, G P**  
An investigation and comparison of the aerodynamic performance of selected hang-glider airfoil sections [BU 276] p 192 N83-16305
- HANSEN, S**  
Infrared fiber early warning receiver p 682 N83-46640
- HARCH, W H**  
Numerical modelling of ramjet combustors [AD-A129631] p 749 N83-36035
- HARDY, G H**  
Design, development, and flight test of a demonstration advanced avionics system [NASA-TM-84323] p 270 N83-18721  
A flight test and simulation evaluation of the longitudinal final approach and landing performance of an automatic system for a light wing loading STOL aircraft [NASA-TM-84270] p 461 N83-26845
- HARDY, R**  
AFTI/F-111 mission adaptive wing technology demonstration program [AIAA PAPER 83-1057] p 438 N83-36468
- HARESCUUGH, R I.**  
The development of advanced composite front fuselage technology p 202 N83-20464
- HARGRAVE, J T**  
Weight control program for a graphite/epoxy aircraft [SAWE PAPER 1485] p 635 N83-43752
- HARGRAVE, P J**  
The application of sub-optimal control methods to adaptive antennas for airborne communication systems p 143 N83-18632
- HARGROVE, A**  
Three computer based aids to maintenance scheduling [AD-A120351] p 187 N83-16280
- HARMAN, W H**  
Traffic alert and Collision Avoidance System (TCAS 1) design guidelines [ATC-114] p 187 N83-12066  
TCAS 1 design guidelines [ATC-114] p 187 N83-12067  
Validation of minimum TCAS 2 surveillance performance p 145 N83-14087
- HARMON, K. R**  
Relative cost and training effectiveness of the 6883 F-111 converter/light control system simulators as compared to actual equipment [AD-A123534] p 402 N83-24523
- HARNEY, P F**  
Real-time data display for AFTI/F-16 flight testing [NASA-TM-84899] p 198 N83-13095
- HARPENAU, R. L.**  
The U S Air Force and U S Navy Standard Central Air Data Computer p 34 N83-11120
- HARPER, K J**  
A study of the flow around a slotted flap end [BU-279] p 192 N83-16306
- HARR, M E.**  
Nondestructive airfield pavement testing using laser technology [AIAA PAPER 83-1601] p 399 N83-33364  
Non-contact, non-destructive airport pavement profile and deflection measurements [FAA-PM-83-14] p 400 N83-23325
- HARRER, R E.**  
Closed-loop engine fuel system simulation [SAE PAPER 821374] p 532 N83-37964
- HARRIER, S C.**  
Composite engine inlet particle separator swirl frame p 278 N83-24841
- HARRINGTON, J A.**  
Infrared fiber early warning receiver p 682 N83-46640
- HARRINGTON, W W**  
Assessment of advanced fighter powered approach simulations [AIAA PAPER 83-0141] p 168 N83-16550
- HARRIS, B**  
The nature of fibre composite materials p 227 N83-17610
- HARRIS, C D**  
Wind-Tunnel investigation of effects of underwing leading-edge vortex generators of a supercritical-wing research airplane configuration [NASA-TM-X-2471] p 4 N83-11019  
Wind-tunnel investigation of effects of rear upper surface modification on a NASA supercritical airfoil [NASA-TM-X-2454] p 4 N83-11020  
Effects of wing trailing-edge truncation on aerodynamic characteristics of a NASA supercritical-wing research airplane model [NASA-TM-X-3024] p 4 N83-11021  
Aerodynamic characteristics of two 10-percent-thick NASA supercritical airfoils with different upper surface curvature distributions [NASA-TM-X-2977] p 5 N83-11026  
Aerodynamic characteristics of an improved 10-percent-thick NASA supercritical airfoil [NASA-TM-X-2978] p 5 N83-11031  
Wind-tunnel development of underwing leading edge vortex generators on a NASA supercritical-wing research airplane configuration [NASA-TM X-2808] p 6 N83-11032  
Aerodynamic characteristics of the 10-percent-thick NASA supercritical airfoil 33 designed for a normal-force coefficient of 0.7 [NASA-TM-X-72711] p 12 N83-11075  
Comparison of the experimental aerodynamic characteristics of theoretically and experimentally designed supercritical airfoils [NASA-TM X-3082] p 12 N83-11076  
Aerodynamic characteristics of a 14-percent-thick NASA supercritical airfoil designed for a normal-force coefficient of 0.7 [NASA-TM X-72712] p 12 N83-11077  
Aerodynamic characteristics of 10 percent thick NASA supercritical airfoils with different aft camber [NASA-TM-X-72007] p 12 N83-11078  
Comparison of experimental and theoretical drag characteristics for a 10-percent-thick supercritical airfoil using a new version of an analysis code [NASA TM X-74041] p 13 N83-11080  
Transonic aerodynamic characteristics of the 10 percent-thick NASA supercritical airfoil 31 [NASA-TM-X-3203] p 13 N83-11083  
Wind-tunnel investigation of aerodynamic load distribution on a variable-wing-sweep fighter airplane with a NASA supercritical airfoil [NASA-TM-X-3095] p 32 N83-11116  
Low-speed aerodynamic characteristics of a 14-percent-thick NASA phase 2 supercritical airfoil designed for a lift coefficient of 0.7 [NASA-TM-81912] p 317 N83-22167
- HARRIS, D F**  
Single pilot IFR accident data analysis [NASA-CR-3650] p 139 N83-14076
- HARRIS, G L.**  
The SKYEYE R-4E surveillance system p 601 N83-43705
- HARRIS, K**  
Development of the single crystal alloys CM SX-2 and CM SX-3 for advanced technology turbine engines [ASME PAPER 83-GT-244] p 756 N83-48034

## HARRIS, R. A.

- HARRIS, R. A.**  
Airport and highway noise control, planning and analysis  
[PB83-153692] p 560 N83-28290
- HARRIS, R. M.**  
Characterization of the dynamical response of receivers to fading  
p 299 A83-26471
- HARRIS, W. L.**  
An experimental study of windturbine noise from blade-tower wake interaction  
[AIAA PAPER 83-0691] p 306 A83-25913
- HARRIS, W. R., JR.**  
Deterioration trending enhances jet engine hardware durability assessment and part management  
[AIAA PAPER 83-1234] p 453 A83-36297
- HARRISON, E. S.**  
A new high impact resin system for advanced composites with 300 F / 150 C/ properties  
p 222 A83-20429
- HARRISON, J. V.**  
Reliability analysis of a dual-redundant engine controller  
p 556 A83-37289
- HARRISON, R. A.**  
Aircraft production and development schedules  
[AD-A118047] p 6 N83-11056
- HARRISON, W. E., III**  
The chemical and physical properties of JP-4 for 1980 - 1981  
[AD-A122965] p 404 N83-23469
- HART-SMITH, L. J.**  
Adhesive layer thickness and porosity criteria for bonded joints  
[AD-A129817] p 759 N83-36227
- HART, R. E.**  
Airspeed calibrations on a stretch YC-141B aircraft  
p 397 A83-32931
- HART, R. H.**  
SH-3 helicopter/Global Positioning System integration analysis  
[AD-A125005] p 432 N83-25691
- HARTHARAN, S. L.**  
Radiation of sound from unflanged cylindrical ducts  
[NASA-CR-172171] p 705 N83-33591
- HARTILL, W. R.**  
Exhaust nozzle concepts for STOL tactical aircraft  
[AIAA PAPER 83-1226] p 523 A83-39102
- HARTMAN, S. L.**  
Vectoring exhaust systems for STOL tactical aircraft  
[ASME PAPER 83-GT-212] p 744 A83-48013
- HARTMAN, B. O.**  
An overview of human factors in aircraft accidents and investigative techniques  
p 198 N83-17491
- HARTMAN, M. J.**  
The trend of future gas turbine technology  
[NASA-TM-83505] p 712 N83-34886
- HARTMANN, G. L.**  
Advanced flight control system study  
[NASA-CR-163117] p 205 N83-13113
- HARTMANN, M. J.**  
Advanced technologies for turbomachinery systems An overview  
[NASA-TM-82949] p 201 N83-12090
- HARTMANN, P. V.**  
Application of system identification flight analysis techniques to the pitch-heave dynamics of an air cushion vehicle  
p 484 A83-34852
- HARTMANN, W.**  
Design and manufacture of the Tornado carbon-fiber reinforced plastics taileron  
[DGLR PAPER 82-038] p 261 A83-24182
- HARVELL, J. K.**  
Aerodynamic characteristics of a circulation controlled elliptical airfoil with blown jets  
[AIAA PAPER 83-1794] p 497 A83-38633
- HARVELL, J. K.**  
Circulation-controlled elliptical airfoil  
p 580 A83-42537
- HARVELL, J. K.**  
An experimental/analytical investigation into the performance of a 20-percent thick, 8.5-percent cambered, circulation controlled airfoil  
[AD-A124732] p 441 N83-25701
- HARVEY, C. A.**  
Test demonstration of digital control of wing/store flutter  
p 383 A83-30163
- HARVEY, C. A.**  
Adaptive flutter suppression, analysis and test  
p 346 N83-22219
- HARVEY, J. F.**  
Operating instructions manual for Microprocessor Airborne Data Acquisition and Replay (MADAR) module  
[AD-A128558] p 648 N83-32031
- HARVEY, J. K.**  
The evaluation of some collision models used for Monte-Carlo calculations of diatomic rarefied hypersonic flows  
[IC-AERO-82-03] p 583 N83-30396
- HARVEY, R. A.**  
Regional airline turboprop engine technology  
[AIAA PAPER 83-1158] p 535 A83-39101

- HARVEY, S. T.**  
Advanced composite elevator for Boeing 727 aircraft, volume 2  
[NASA-CR-159258] p 205 N83-16330
- HARVEY, W. B.**  
Rotor redesign for a highly loaded 1800 ft/sec tip speed fan 3 Laser Doppler velocimeter report  
[NASA-CR-167954] p 163 N83-14128
- HARWIT, M.**  
Infrared observations from the NASA Airborne Observations  
p 573 A83-40454
- HASHEMI-KIA, M.**  
Investigation of dynamic characteristics of an elastic wing due to correction of mass and stiffness matrices  
[AIAA PAPER 83-0653] p 150 A83-16818
- HASHIGUCHI, S.**  
Piloting techniques on the backside  
p 169 A83-16927
- HASHIMOTO, T.**  
Real-time simulation of jet engines with digital computer 1 Fabrication and characteristics of the simulator  
[NASA-TM-77081] p 684 N83-32809
- HASTINGS, R.**  
Throttle handling related to J85 engine performance and durability Canadian forces experience  
p 541 N83-29249
- HATANO, M.**  
Airport and highway noise control, planning and analysis  
[PB83-153692] p 560 N83-28290
- HATFIELD, C.**  
Problems of representation of air traffic controllers in mid-air litigation  
p 239 A83-21547
- HATHAWAY, R. W.**  
Investigation of F/A-18A engine throttle usage and parametric sensitivities  
[ASME PAPER 83-GT-64] p 738 A83-47919
- HAUG, E.**  
Engineering safety analysis via destructive numerical experiments  
p 215 A83-16198
- HAUPT, U.**  
Blade vibration measurements on centrifugal compressors by means of telemetry and holographic interferometry  
[ASME PAPER 83-GT-131] p 740 A83-47959
- HAUX, U.**  
Stability and control for high angle of attack maneuvering  
p 50 N83-10069
- HAYAS, G. D.**  
LC Science Tracer Bullet Jet engines and jet aircraft  
[TB-82-5] p 537 N83-29207
- HAYDINGS, H.**  
A control model for maneuvering flight for application to a computer flight testing program  
[NLR-MP-81046-U] p 207 N83-17531
- HAYDINGS, W.**  
Bail out simulation of an F-16 ejection seat by means of a blast simulator  
[PML-1982-7] p 585 N83-30398
- HAYRILLA, J.**  
A technique to empirically model clutter signals in airborne pulse Doppler radar  
p 23 A83-11251
- HAWK, J. D.**  
Subsonic surface panel method for airframe analysis and wing design  
[AIAA PAPER 83-0341] p 133 A83-16667
- HAWK, J. D.**  
Subsonic panel method for designing wing surfaces from pressure distribution  
[NASA-CR-3713] p 528 N83-29198
- HAWKINS, H. L.**  
Emissions variability and traversing on production RB211 engines  
[ASME PAPER 83-GT-141] p 741 A83-47966
- HAWORTH, L. A.**  
Pneumatic rotor blade deicing  
p 676 A83-46926
- HAWTHORNE, W. R.**  
Current problems in turbomachinery fluid dynamics  
[AD-A126478] p 747 N83-34949
- HAXELL, C. F.**  
Optical methods of flow diagnostics in turbomachinery  
p 62 A83-11076
- HAYDON, T. F.**  
Launch and recovery techniques for RPVs  
p 601 A83-43715
- HAYDU, K. J.**  
Description and operating procedures for the NOAA (National Oceanic and Atmospheric Administration) C-130 AWRD (Airborne Weather Reconnaissance System) system  
[PB83-197053] p 768 N83-36615
- HAYES, C. W.**  
Energy efficient engine high-pressure turbine single crystal vane and blade fabrication technology report  
[NASA-CR-165400] p 616 N83-30429

## PERSONAL AUTHOR INDEX

- HAYS, A. P.**  
Advanced turboprop and dual cycle engine performance benefits and installation options on a Mach 0.7 short-haul transport aircraft  
[AIAA PAPER 83-1212] p 452 A83-36284
- HAYS, D. D.**  
Sputtered ceramic coatings and sealing layers  
[DE82-005225] p 226 N83-16531
- HAYS, R. T.**  
Research Issues in the Determination of Simulator Fidelity Proceedings of the ARI sponsored Workshop  
[AD-A118253] p 208 N83-12106
- HAYWARD, J. L.**  
Evaluation of interior noise control treatments for high-speed propfan-powered aircraft  
[AIAA PAPER 83-0693] p 264 A83-25914
- HAZELL, A. F.**  
Novel airborne technique for aircraft noise measurements above the flight path  
p 222 A83-15316
- HAZLEWOOD, K.**  
Instantaneous, predictable balloon system descent from high altitude  
p 524 A83-39808
- HE, B. P.**  
The testing in BIA hypersonic gun tunnel  
p 290 A83-26133
- HE, S.**  
Extracting the comprehensive characteristics in terms of similar parameters from flight test  
p 675 A83-44570
- HEAD, D. A.**  
Tried and proven engine technology A vital key to improving airline economics  
[PNR-90112] p 44 N83-11134
- HEAD, R. C.**  
Air-to-air missiles - Flight test in the 80's  
p 29 A83-11805
- HEAD, R. E.**  
Warm cycle propulsion for the 1990's heavy lift helicopters  
p 278 A83-24840
- HEAD, V.**  
Three-dimensional compressible viscous analysis of mixer nozzles  
[AIAA PAPER 83-1401] p 422 A83-36391
- HEADY, B. D.**  
NASA F-106B lightning ground tests  
p 586 N83-31195
- HEALY, G. J.**  
X-wing noise data acquisition program  
[NASA-CR-166454] p 266 N83-18717
- HEARON, B. F.**  
Vertical impact tests of a modified F/B-111 crew seat to evaluate headrest position and restraint configuration effects  
[AD-A120255] p 197 N83-16311
- HEBB, R. C.**  
Helmet mounted feasibility model  
[AD-A126150] p 736 N83-34940
- HEBERT, R. J.**  
The Canadian challenger advanced composite material program  
p 60 A83-12971
- HECHT, H.**  
Trends in software reliability for digital flight control  
[NASA-CR-166456] p 411 N83-24194
- HECHT, M.**  
Trends in software reliability for digital flight control  
[NASA-CR-166456] p 411 N83-24194
- HEDE, A. J.**  
Time-of-day corrections in measures of aircraft noise exposure  
p 411 A83-33024
- HEDLAND, D.**  
Integrated and transferable hardware/software checkout  
p 71 A83-11249
- HEDMAN, S. G.**  
The FFA wing body 83 computer program A panel method for determination of aerelastic characteristics at subsonic and supersonic speeds  
[FFA-TN-1983-3] p 665 N83-32780
- HEEGE, K.**  
Noise-reducing takeoff and landing procedures and the potential for their operational use in the Airbus A300  
[DGLR PAPER 82-032] p 247 A83-24158
- HEFER, G.**  
Transonic cryogenic test section for the Goettingen Tube Facility  
[NASA-TM-77050] p 401 N83-23328
- HEFFLEY, R. K.**  
An analysis of airline landing flare data based on flight and training simulator measurements  
[NASA-CR-166404] p 47 N83-10047
- HEFFLEY, R. K.**  
Determination of motion and visual system requirements for flight training simulators  
[AD-A117555] p 57 N83-11149
- HEFFLEY, R. K.**  
Analysis of pilot control strategy  
[NASA-CR-170399] p 344 N83-22212

- Proposed MIL standard and handbook. Flying qualities of air vehicles. Volume 1. Proposed MIL standard [AD-A123874] p 373 N83-24468
- Proposed MIL standard and handbook. Flying qualities of air vehicles. Volume 2. Proposed MIL handbook [AD-A123726] p 441 N83-25704
- HEFNER, J. N.**  
Research on non-planar wall geometries for turbulence control and skin-friction reduction p 374 A83-31975
- HEGGS, P. J.**  
The one-dimensional analysis of fin assembly heat transfer p 643 A83-43365
- HEIDELBERG, L. J.**  
A compact inflow control device for simulating flight fan noise [AIAA PAPER 83-0680] p 365 A83-28005  
A compact inflow control device for simulating flight fan noise [NASA-TM-83349] p 482 N83-26643
- HEIDERSCHIEDT, G. A.**  
Protecting the world's largest commercial helicopter from atmospheric hazards p 588 N83-31242
- HEIDMANN, H.**  
Trim Tank system for optimizing drag at the center of gravity [DGLR PAPER 82-030] p 284 A83-24156
- HEIDTMAN, K. H.**  
Method of construction and fabrication procedures for the A300-rudder unit, using a carbon-fiber type of construction p 710 A83-47211
- HEILBERG, E.**  
Computer B (National Airspace System - Automated Radar Terminal Systems) communications support [FAA-PM-83-16] p 407 N83-24742
- HEIMBOLD, R. M.**  
Four-dimensional flight management using colour CRT displays p 681 A83-44689
- HEIMBUCH, A. H.**  
Polymer materials research at NASA Ames Research Center p 210 N83-12150
- HEINIG, K. E.**  
Sounding propagation in multistage axial flow turbomachines p 222 A83-15289
- HEINRICH, F.**  
Automated systems of control in civil aviation of the USSR p 513 A83-39219
- HEINZE, F.**  
Service operation of a CFRP window frame in short fiber pressing [BMFT-FB-W-82-021] p 233 N83-17749
- HELFRIK, A. D.**  
The future of civil avionics p 512 A83-37819
- HELLAND, A. R.**  
Application of image understanding to automatic tactical target acquisition p 25 A83-12878
- HELLER, H.**  
DFVLR research on helicopter noise p 490 A83-39346  
Propeller aircraft noise-certification and flight testing p 308 N83-18657  
Propeller aircraft noise certification and flight testing [DFVLR-MITT-82-16] p 572 N83-28993
- HELLER, H. H.**  
Helicopter flight noise tests about the influence of rotor-rotational and forward speed changes on the characteristics of the emitted sound [AIAA PAPER 83-0672] p 365 A83-28002
- HELLESTO, G. T.**  
Cost analysis of turbine engine warranties [AD-A123034] p 394 N83-23313
- HELLMAN, G. K.**  
In-flight simulation of a digitally implemented direct force mode p 395 A83-32933
- HELLMANN, G. K.**  
Integrated flight and fire control development and flight test on an F-15B aircraft p 20 A83-11180
- HELM, R. W.**  
Operational deployment of the air cushion vehicle p 485 A83-34864  
From Voyageur on - The exploitation of an opportunity to develop a Canadian air cushion vehicle industry p 485 A83-35052
- HELMS, H. E.**  
Advanced Gas Turbine (AGT) power-train system development [NASA-CR-167875] p 186 N83-15627
- HELMS, J. L.**  
Air traffic control into the 21st century p 381 A83-30275
- HEMMING, P. H.**  
National air traffic services implementation plans p 142 A83-17729  
A UK NATS view of the air traffic management requirements in the next decade p 325 N83-22178
- HENDERSON, C.**  
Development and validation of the V/STOL aerodynamics and stability and control manual p 312 A83-29020  
An engineering method for estimating the aerodynamic characteristics of Circulation Control Wings (CCW) [AD-A126436] p 666 N83-33856
- HENDERSON, D. M.**  
Recursive relationships for body axis rotation rates p 570 A83-37074
- HENDERSON, D. W.**  
Autonomy in military aircraft [AAS PAPER 83-041] p 691 A83-44168
- HENDERSON, M. L.**  
Some recent applications of high-lift computational methods at Boeing p 178 A83-15313
- HENDERSON, W. P.**  
Propulsion installation characteristics for turbofan transports [AIAA PAPER 83-0087] p 130 A83-16513  
Fluid Dynamics Panel Symposium on Aerodynamics of Power Plant Installation [AGARD-AR-173] p 45 N83-11138
- HENDRICKS, H. D.**  
Fiber optic wavelength multiplexing for civil aviation applications p 208 A83-22492
- HENDRICKSON, T. W.**  
Flight management systems and data links p 285 A83-24424
- HENDRIKS, R. W.**  
Airport and highway noise control, planning and analysis [PB83-153692] p 560 N83-28290
- HENDRIX, J. C.**  
Preliminary science report on the directional solidification of hypereutectic cast iron during KC-135 low-G maneuvers [NASA-TM-82528] p 470 N83-25854
- HENDRY, J. J.**  
Evaluation of technology assessments and development of evaluation protocols, project report [PB82-197393] p 224 N83-13027  
Evaluation of technology assessments and development of evaluation protocols [PB82-197385] p 224 N83-13028
- HENKE, K. R.**  
Integrated flight/propulsion control system architectures for a high speed aircraft [AIAA PAPER 83-2563] p 746 A83-49595
- HENNE, P. A.**  
Computational aerodynamics applications to transport aircraft design [AIAA PAPER 83-2061] p 578 A83-41902
- HENNECKE, D. K.**  
Turbine blade cooling in aeroengines p 282 N83-18739  
Turbine tip clearance control in gas turbine engines p 541 N83-29254
- HENNEQUIN, J. C.**  
Minizone image furnace p 633 N83-31658
- HENNIGAR, H. F.**  
Greenland 1979 microwave remote sensing data catalog report, 14-15 October 1979 [NASA-TM-84571] p 362 N83-21730
- HENRY, R.**  
Substructuring and wave propagation - An efficient technique for impeller dynamic analysis [ASME PAPER 83-GT-150] p 741 A83-47969
- HENTON, L. M.**  
Refining of military jet fuels from shale oil. Volume 3, part 2. Above ground shale oil process data [AD-A128835] p 758 N83-35182  
Refining of military jet fuels from shale oil, part 2, volume 2 (in situ shale oil process data) [AD-A129031] p 759 N83-36248
- HERBELIN, R. L.**  
Airborne electronic terrain map display - An update p 35 A83-11135
- HERBST, M. K.**  
Fuel conservation evaluation of US Army helicopters Part 5. AH-1S slight testing p 608 N83-31601  
Airworthiness and Flight Characteristics (AFC) test of YAH-64 advanced attack helicopter, Prototype Qualification Test-Government (PQT-G), part 3 and Production Validation Test-Government (PVT-G) for handbook verification [AD-A130524] p 734 N83-36025
- HERBST, W. B.**  
Dynamics of air combat p 416 A83-36914
- HERCOCK, R. G.**  
Effects of intake flow distortion on engine stability p 542 N83-29257
- HERKERT, C. M.**  
Design simplification and cost reduction of helicopter tail rotor drive system by use of composites [M88-UD-348] p 31 N83-10037
- HERLING, W. W.**  
Jet scaling effects in a USB propulsive lift configuration p 662 N83-32744
- HERMAN, J. F.**  
Effect of wing-mounted nacelles on a 42 deg swept supercritical wing configuration at near-sonic speeds [NASA-TM-X-2954] p 4 N83-11025
- HERMANEK, F. J.**  
Automation of the thermal spray process [SAE PAPER 820610] p 696 A83-45868
- HERMANN, B. R.**  
A demonstration of relative positioning using conventional GPS Doppler receivers p 199 A83-19779
- HERMES, R.**  
Cable avoidance study [AD-A122917] p 380 N83-23284
- HERNDON, J. W.**  
A visual technology research simulator for Vertical Take Off and Landing (VTOL) [AD-A115626] p 207 N83-12103
- HERRMANN, O.**  
Some aspects of the engine design of future fighter planes [DGLR PAPER 82-071] p 275 A83-24185
- HERRON, S.**  
Computer generated cockpit engine displays p 269 A83-26309
- HERROUIN, G.**  
Technical aspects of the AEROBAC AB-7 p 484 A83-34858
- HERSHAM, L. W.**  
Low-level gust gradient program and avaluation workshop effort p 767 N83-36592
- HERSHMAN, L. W.**  
Proceedings Sixth Annual Workshop on Meteorological and Environmental Inputs to Aviation Systems [NASA-CP-2274] p 658 N83-33827
- HERSTINE, G. L.**  
Advanced turboprop and dual cycle engine performance benefits and installation options on a Mach 0.7 short-haul transport aircraft [AIAA PAPER 83-1212] p 452 A83-36284
- HERTEMAN, J. P.**  
The simulation of fatigue loads in aeronautics p 219 A83-23241
- HERTRICH, H.**  
Ten years of promoting the development of air transport research p 709 A83-47185
- HERTRICH, H. A.**  
Economic conditions and key points of BMFT air transport research requirements in the eighties [DGLR PAPER 82-044] p 242 A83-24168
- HERZLICH, S.**  
Discharge rate capability of nickel-cadmium aircraft batteries p 336 A83-27190
- HESELTINE, M. J.**  
Advanced testing of lightning protection schemes for composite main rotor blades (helicopter) p 587 N83-31211
- HESS, E. W.**  
En route Moving Target Detector (MTD) 2 Test and evaluation [FAA-RD-82-34] p 359 N83-21212
- HESS, J. L.**  
Analysis of complex inlet configurations using a higher-order panel method [AIAA PAPER 83-1828] p 498 A83-38659
- HESS, R. A.**  
Prediction of aircraft handling qualities using analytical models of the human pilot p 52 N83-10079
- HESS, R. K.**  
Integrated flight control systems development - The F/A-18A Automatic Carrier Landing System [AIAA PAPER 83-2162] p 623 A83-41765
- HESEL, A.**  
Simulation of a terrain following system p 186 A83-16333
- HESSLER, B. H.**  
Integrally cast low-cost compressor [AD-A127663] p 639 N83-31824
- HEWITT, B. L.**  
The strengths and weaknesses of Computational Fluid Mechanics (CFM) in aerodynamic design and analysis Part 1. Background and philosophy p 219 N83-13413
- HEWITT, P. W.**  
Transverse jet break-up and atomization with rapid vaporization along the trajectory [AIAA PAPER 83-0419] p 161 A83-16702

## HEYDLAUFF, B.

### HEYDLAUFF, B

Microwave measurements for an attitude reference system design p 196 A83-15438

### HIDGKINSON, J

Proposed MIL standard and handbook Flying qualities of air vehicles Volume 2 Proposed MIL handbook [AD-A123726] p 441 N83-25704

### HIENZ, E

A look at engine handling aspects from aircraft flight test experience, with an outlook for future requirements p 540 N83-29245

### HIERBAUM, F F, JR

Coast Terminal Radar Approach Control Facility (TRACON) refurbishment [DOT/FAA/RD-82/38] p 186 N83-12060

### HIGA, W H

Centrifugal-reciprocating compressor [NASA-CASE-NPO-14597-2] p 563 N83-29708

### HIGGINBOTHAM, J W

Fiber optic aircraft multiplex systems - Planning for the 1990s p 20 A83-11180

### HIGGINS, A M

Air Force Academy Aeronautics Digest, Fall/Winter, 1981 [AD-A119168] p 176 N83-13066

Catapult dynamics in a high acceleration environment [AD-A122314] p 250 N83-19724

Air Force Academy Aeronautics Digest, Spring/Summer 1982 [AD-A128248] p 577 N83-31571

### HIGGINS, L B

Airworthiness and flight characteristics test Part 1 YAH-64 advanced attack helicopter [AD-A118490] p 193 N83-12075

### HIGGINS, T H

Summary of the FAA's future navigation system mix evaluation, through May 1982 [AD-A119314] p 146 N83-14099

### HIGHTER, W H

Thermal properties of some asphaltic concrete mixes [AIAA PAPER 83-1598] p 399 A83-33361

### HILAIRE, J

Damage tolerance [SNIAS-831-551-103] p 679 N83-32800

### HILBERT, K B

A piloted simulator investigation of side-stick controller/stability and control augmentation system requirements for helicopter visual flight tasks [NASA-CR-172852] p 754 N83-36041

### HILDEBRAND, B P

A study of model deflection measurement techniques applicable within the national transonic facility [NASA-CR-165853] p 181 N83-13075

### HILDEBRAND, P H

Feasibility test of an airborne pulse-Doppler meteorological radar p 566 A83-39872

### HILGARTH, C O

The McDonnell Aircraft environmental test laboratory p 172 A83-16931

### HILL, G C

Piloted simulation of hover and transition of a vertical attitude takeoff and landing aircraft p 516 A83-37064

### HILL, J

An experimental study of a high rotational speed propulsor [AD-A126060] p 539 N83-29238

### HILL, J P

Alternatives for jet engine control [NASA-CR-170100] p 338 N83-20945

### HILL, L G

A structural-ceramic research program A preliminary economic analysis [DE83-014263] p 766 N83-36499

### HILL, M L

Designing a mini-RPV for a world endurance record p 2 A83-11000

### HILL, R G

The development and application of a full-scale wide-body test article to study the behavior of interior materials during a post crash fuel fire p 173 A83-18373

Effectiveness of seat cushion blocking layer materials against cabin fires [SAE PAPER 821484] p 507 A83-38003

In-flight aircraft seat fire extinguishing tests (cabin hazard measurements) [FAA-CT-82-111] p 197 N83-16308

Fire containment characteristics of aircraft class D cargo compartments [FAA-CT-82-156] p 509 N83-27968

### HILL, R J

LCC evaluation of advanced engine damage tolerance goals for a hot-section disk [AIAA PAPER 83-1407] p 456 A83-36396

### HILLAKER, H J

Technology and modern fighter aircraft - The evolutionary F-16 p 203 A83-20598

The F-16 - A technology demonstrator, a prototype, and a flight demonstrator [AIAA PAPER 83-1063] p 438 A83-36467

### HILLBERG, C

Pursuit-evasion between two realistic aircraft [AIAA PAPER 83-2119] p 651 A83-41944

On pursuit-evasion between two realistic aircraft [SAAB-TN-AE-75] p 705 N83-33641

### HILLE, H K

USAF Bioenvironmental Noise Data Handbook Volume 155 CH-3 in-flight crew noise p 191 N83-16154

USAF bioenvironmental noise data handbook Volume 157 KC-10A in-flight crew noise p 191 N83-16156

USAF Environmental Noise Data Handbook Volume 150 C-140 in-flight crew noise p 238 N83-17246

USAF Bioenvironmental Noise Data Handbook Volume 152 C-12A in-flight crew noise p 238 N83-17247

USAF Bioenvironmental Noise Data Handbook Volume 156 HH-1N in-flight Crew Noise p 368 N83-23118

[AD-A122601] p 368 N83-23118

### HILLER, M

The dynamics of spatial linked quadrangle chains p 643 A83-42986

### HILLIER, R

Heat transfer and skin friction measurements in a hypersonic turbulent boundary layer at M = 9 [IC-AERO-82-04] p 583 N83-30397

### HILZINGER, K

Analysis and correlation of the test data from an advanced technology rotor system [NASA-CR-3714] p 665 N83-32777

### HIMKA, R L

Description and planned use of a data distribution evaluation system for fiber optic data buses p 21 A83-11183

### HINCHEY, M J

An over-view of UTIAS research on the dynamic stability of air cushion vehicles p 484 A83-34853

### HINDSON, W S

A flight-test and simulation evaluation of the longitudinal final approach and landing performance of an automatic system for a light wing loading STOL aircraft [NASA-TM-84270] p 461 N83-26845

### HINER, F P, III

Real-time multiradar simulation with a multiprocessor p 200 A83-22824

### HINKLE, R L

Background study on efficient use of the 2700-2900 MHz band [PB83-214288] p 766 N83-36352

### HINSON, B L

Inlet design for high-speed propfans [SAE PAPER 821359] p 495 A83-37957

### HINST, W R

Experimental investigation of a two-dimensional shock-turbulent boundary layer interaction with bleed [NASA-TM-83057] p 339 N83-22200

### HIRAKA, K

A comparative study of the influence of different means of turbine cooling on gas turbine performance [ASME PAPER 83-GT-180] p 762 A83-47991

### HIRASAWA, K

Effects of finite wire scatterers in the field of VOR p 144 A83-19039

### HIROSAWA, H

Automatic control of balloon altitude p 530 A83-39809

Relay balloon p 524 A83-39811

A new static-launch method for plastic balloons p 548 A83-39816

### HIRSCH, C

Instantaneous turbulence profiles in the wake of an oscillating airfoil p 312 A83-28951

### HIRSCH, R

Remarks on the evolution of methods of calculation for propellers and rotors [AAAF PAPER NT 82-03] p 376 A83-33161

### HIRSCHEL, E H

Considerations of the vorticity fields on wings p 661 A83-46465

Three-dimensional boundary-layer calculations in design aerodynamics p 662 A83-47034

### HIRSCHKRON, R

Rotorcraft convertible engine study [NASA-CR-168241] p 747 N83-34944

### HIRST, M

Avionics analyzed III - The hidden sensors p 512 A83-38471

Avionics analyzed IV - Aircraft grey matter p 670 A83-44494

### HIRSTEIN, W S

Greenland 1979 microwave remote sensing data catalog report, 14-15 October 1979 [NASA-TM-84571] p 362 N83-21730

### HITCH, H

The stiffness of transport wings for minimum weight p 358 A83-29970

### HITCHCOCK, J E

Theoretical gust response prediction of a Joukowski airfoil p 580 A83-42536

### HITT, E F

Digital flight control system validation [AD-A124506] p 462 N83-26847

### HITZEL, S M

Slender wings with leading edge vortex-separation p 661 A83-46466

### HIXSON, R B

Aircraft noise and the airport community [AIAA PAPER 83-1580] p 409 A83-33352

### HIYAMA, R

Revised Structural Technology Evaluation Program (STEP) user's manual for structural synthesis [AD-A118964] p 184 N83 14532

### HIYAMA, R M

Improved methods for predicting spectrum loading effects Volume 1 Technical summary [AD-A118295] p 68 N83-11521

Improved methods for predicting spectrum loading effects Volume 1 Technical summary [AD-A118856] p 193 N83-12077

### HJALSTED, F

Passenger liability in international carnage by air - Lines of development p 707 A83-45831

### HO, C M

The transition and dynamics of bounded and free shear layers [AD-A118665] p 217 N83-12380

### HO, C-M

Unsteady Kutta condition of a plunging airfoil p 661 A83-46438

### HO, C-S

Stability of aircraft motion in critical cases p 544 A83-37066

### HOAD, D R

Reduction of high-speed impulsive noise by blade planform modification of a model helicopter rotor [NASA-TM-84553] p 191 N83-16151

Preliminary rotor wake measurements with a laser velocimeter [NASA-TM-83246] p 301 N83-19018

### HOBBART, H F

The NASA High Accuracy Fuel Flowmeter (HAFF) development program [NASA-TM-83484] p 682 N83-33883

### HOBBBS, D E

Development of controlled diffusion airfoils for multistage compressor application [ASME PAPER 83-GT-211] p 715 A83-48012

Rotor redesign for a highly loaded 1800 ft/sec tip speed fan 3 Laser Doppler velocimeter report [NASA-CR-167954] p 163 N83-14128

### HOBBBS, G K

Design for random - An example p 405 A83-30856

### HOBBBS, M A A

The next generation - The Stencel S45 ejection seat development program p 191 A83-15440

### HOBBBS, P V

Production of ice particles in clouds due to aircraft penetrations p 566 A83-39120

Evidence for the production of ice particles in clouds due to aircraft penetrations p 767 A83-49691

### HOCH, C J

An overview of the DOT/FAA aviation energy conservation policy p 235 N83-17460

### HOCKENHULL, M

Development of a cost effective approach to modelling aircraft response to repaired runways p 157 N83-15293

### HODES, H H

The solution of 'real-world' aircraft EMC problems using the AAPG computer program p 63 A83-11085

### HODGKINS, D

Status of Mode S implementation p 145 N83-14082

### HODGKINSON, J

Comparison of the Bode envelope criterion with other criteria [AIAA PAPER 83-2073] p 624 A83-41910

Equivalent systems criteria for handling qualities of military aircraft p 49 N83-10057

Bandwidth A criterion for highly augmented airplanes p 49 N83-10063

- Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 2 Program plan, test data and analysis  
[AD-A119704] p 155 N83-14117
- Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 1 Summary  
[AD-A119406] p 156 N83-14122
- Proposed MIL standard and handbook. Flying qualities of air vehicles. Volume 1 Proposed MIL standard  
[AD-A123674] p 373 N83-24468
- HODGSON, B.**  
A rapid-tuning high-power pod-mounted VHF antenna system p 430 A83-35088
- HOLZER, C. A.**  
F-14 aircraft and propulsion control integration evaluation  
[ASME PAPER 83-GT-234] p 744 A83-48029
- Potential benefits of a Full Authority Digital Electronic Control (FADEC) installed on a TF30 engine in an F14 flight test demonstrator aircraft p 543 N83-29269
- HOENLINGER, H.**  
Survey of aeroelastic wind tunnel and flight testing methods at MBB p 753 A83-49181
- The F-4 flutter suppression program p 730 A83-49192
- Basic investigations for the use of wind tunnel models in the ETW  
[BMFT-FB-W-82-023] p 402 N83-24522
- HOERMANN, A.**  
Air traffic control simulation in the airport area p 722 A83-47200
- HOFF, N. J.**  
Composite materials in aircraft structures p 551 A83-40130
- HOFF, R. S., JR.**  
AFWAL FY81 technical accomplishments  
[AD-A120682] p 191 N83-16253
- HOFFER, K.**  
Economic riveting p 697 N83-32714
- HOFFMAN, J. M.**  
A-10 stall/post-stall testing - A status update p 47 A83-11808
- Flight testing the Low Cost Inertial Guidance System p 324 A83-29210
- HOFFMAN, M. D.**  
The effects of weather on rapid runway repair, volume 1  
[AD-A130409] p 754 N83-36040
- HOFFMAN, M. J.**  
Flight investigation of natural laminar flow on the Bellanca Skyrocket II  
[SAE PAPER 830717] p 599 A83-43326
- HOFFMAN, S.**  
Contracts, grants and funding summary of supersonic cruise research and variable-cycle engine technology programs, 1972 - 1982  
[NASA-TM-85650] p 666 N83-33848
- HOFFMAN, S. J.**  
Methods for teaching aerospace vehicle design  
[AIAA PAPER 83-2475] p 771 A83-49582
- HOFFMANN, A. S.**  
Utilization of computer aided design for the development of advanced turbomachinery components  
[SAE PAPER 821423] p 533 A83-37880
- HOFFMANN, M. J.**  
An investigation of the aerodynamic characteristics of a new general aviation airfoil in flight  
[NASA-CR-169477] p 179 N83-12046
- HOFFMANN, R.**  
An improved propeller for general aviation aircraft p 738 A83-47194
- HOFMEISTER, M. C.**  
The lightning spark barrier p 647 N83-31241
- HOFTON, A. N.**  
Forecasting in air transport - A critical review of the techniques available p 318 A83-29968
- HOGAN, P.**  
New concepts for intermediate level maintenance  
[AIAA PAPER 83-2498] p 763 A83-48353
- HOGE, F. E.**  
Airborne dual laser excitation and mapping of phytoplankton photopigments in a Gulf Stream Warm Core Ring p 648 A83-42210
- HOGLE, L. H.**  
Summary of the FAA's future navigation system mix evaluation, through May 1982  
[AD-A119314] p 146 N83-14099
- Digital systems technical analysis  
[ARINC-1469-01-1-2804] p 271 N83-18724
- HOM, R. H.**  
Bring cohesion to handling-qualities engineering p 434 A83-35772
- Status of the development of handling criteria for VSTOL transition  
[AIAA PAPER 83-2103] p 624 A83-41932
- Handling qualities criteria for STOL flight path control for approach and landing  
[AIAA PAPER 83-2106] p 625 A83-41935
- Bandwidth A criterion for highly augmented airplanes p 49 N83-10063
- Flying qualities of relaxed static stability aircraft, volume 1  
[AD-A128758] p 333 N83-22189
- Flying qualities of relaxed static stability aircraft, volume 2  
[AD-A128720] p 333 N83-22190
- Proposed MIL standard and handbook. Flying qualities of air vehicles Volume 1 Proposed MIL standard  
[AD-A123674] p 373 N83-24468
- Proposed MIL standard and handbook. Flying qualities of air vehicles Volume 2 Proposed MIL handbook  
[AD-A123726] p 441 N83-25704
- HOHEISEL, H.**  
The transonic wind tunnel Braunschweig of DFVLR p 217 A83-19663
- HOLANDA, R.**  
Analysis of strain gage reliability in F-100 jet engine testing at NASA Lewis Research Center  
[NASA-TM-83325] p 408 N83-24829
- HOLBECH, T. A.**  
Novel airborne technique for aircraft noise measurements above the flight path p 222 A83-15316
- HOLDAWAY, R.**  
Orbit prediction for IRAS using vector and analytic techniques  
[IAF PAPER 83-315] p 755 A83-47338
- HOLDEMAN, J. D.**  
Experiments in dilution jet mixing  
[AIAA PAPER 83-1201] p 475 A83-36277
- Dilution zone mixing p 562 N83-29216
- HOLDER, S.**  
New systems for extending the useful float duration of standard zero-pressure balloon flights p 524 A83-39805
- A global HF telecommand system for long duration balloon flights p 514 A83-39813
- HOLFORD, D. M.**  
The role of a fatigue damage accumulation plot in structural loads data analysis  
[RAE-TR-82125] p 700 N83-33214
- HOLLA, V. S.**  
Helicopter rotor performance evaluation using oscillatory airfoil data p 177 A83-13172
- HOLLAND, R.**  
Treatment of late time instabilities in finite-difference EMP scattering codes p 180 A83-17532
- HOLLENBAUGH, D. D.**  
Operational military helicopter interior noise and vibration measurements with comparisons to ride quality criteria  
[AIAA PAPER 83-2526] p 728 A83-48364
- Interior noise and vibration measurements on operational military helicopters and comparisons with various ride quality criteria  
[NASA-TM-84664] p 653 N83-32518
- HOLLINGTON, J. L.**  
Advances in sensors and their integration into aircraft guidance and control systems  
[AGARD-AG-272] p 712 N83-34891
- HOLLIS, M. K.**  
Evaluation of control and display configurations for helicopter shipboard operations  
[AIAA PAPER 83-2486] p 734 A83-48346
- HOLLISTER, W. M.**  
Cockpit environment p 610 N83-30416
- Applications p 611 N83-30426
- HOLLWEGER, D. J.**  
F/A-18 inlet/engine compatibility flight test results p 594 A83-41039
- HOLM, R. G.**  
The influence of inlet design on the aeroacoustic performance of a JT15D turbofan engine as measured in the NASA-Ames 40 x 80 foot wind tunnel  
[AIAA PAPER 83-0681] p 337 A83-28006
- HOLMES, B. J.**  
NASA aerial applications wake interaction research p 317 A83-28899
- Natural laminar flow data from full-scale flight and wind-tunnel experiments p 422 A83-38409
- Flight investigation of natural laminar flow on the Bellanca Skyrocket II  
[SAE PAPER 830717] p 599 A83-43326
- NASA wake interactions research and applications  
[SAE PAPER 830784] p 580 A83-43329
- HOLMES, H. K.**  
Model deformation system p 292 N83-18767
- HOLMES, J. E.**  
Life Utilization Criteria Identification in Design (LUCID)  
[AD-A117807] p 43 N83-10048
- HOLMES, R. E.**  
Target TV projector with dynamic raster shaping for use in dome simulators p 231 A83-22834
- HOLMES, W. M.**  
Survey of missile simulation and flight mechanics facilities in NATO  
[AD-A128440] p 550 N83-29276
- HOLPP, J. E.**  
The HAVE BOUNCE Program p 157 N83-15291
- HOLST, H.**  
Three-dimensional wall corrections for ventilated wind tunnels p 348 N83-20965
- HOLT, D. R.**  
The use of panel methods for the evaluation of subsonic wall interference p 347 N83-20959
- HOLT, J. C.**  
An overview of airborne optical communications p 592 A83-42574
- HOLT, J. L.**  
Measurement and analyses of heat flux data in a turbine stage I - Description of experimental apparatus and data analysis  
[ASME PAPER 83-GT-121] p 740 A83-47950
- Measurement and analyses of heat flux data in a turbine stage II - Discussion of results and comparison with predictions  
[ASME PAPER 83-GT-122] p 740 A83-47951
- HOLT, W. R.**  
Pursuit rotor tracking performance in conjunction with extended flight operations in a helicopter simulator  
[AD-A119237] p 293 N83-18772
- HOLZWORTH, R. H.**  
Electrodynamics of the stratosphere using 5000 cu m superpressure balloons p 525 A83-39818
- HOM, K. W.**  
Low-speed investigation of the maneuver capability of supersonic fighter wings  
[AIAA PAPER 83-0426] p 134 A83-16708
- HOMAN, M. L.**  
The 1981 calibration of the AEDC-PWT aerodynamic wind tunnel (4T) at Mach numbers from 0.1 to 1.3  
[AD-A118704] p 208 N83-12104
- HOMICZ, G. F.**  
Rotating stall investigations Volume 1 Theoretical investigations  
[AD-A128744] p 748 N83-34951
- HOMYAK, L.**  
A compact inflow control device for simulating flight fan noise  
[AIAA PAPER 83-0680] p 365 A83-28005
- A compact inflow control device for simulating flight fan noise  
[NASA-TM-83349] p 482 N83-26643
- HONCZARENKO, G.**  
Advanced technology for SAAB-Fairchild 340 aircraft  
[SAE PAPER 820729] p 384 A83-31805
- HONEY, W. F.**  
Adaptive power management - A hierarchical/control system with a central multiplex system p 40 A83-11202
- HONG, C.**  
Acoustic-emission monitoring of steam turbines  
[DE82-904663] p 73 N83-10887
- HONG, C. Y. R.**  
Coupled flap-torsional response of a rotor blade in forward flight due to atmospheric turbulence excitations p 618 A83-41073
- HONGEN, X.**  
A computational geometry method for blade space geometric design p 165 N83-15260
- HONLINGER, H.**  
Development and flight test of an active flutter suppression system for the F-4F with stores Part 1 Design of the active flutter suppression system  
[AD-A121485] p 288 N83-18746
- HOOD, R. V.**  
The all electric airplane-benefits and challenges  
[SAE PAPER 821434] p 518 A83-37982
- HOOGSTRATEN, J. A.**  
Output feedback regulators for aircraft automatic control systems  
[VTH-LR-339] p 546 N83-28002
- HOOP, T. R.**  
Design, fabrication and test of an integrated Built-In-Test (BIT) control unit  
[AD-A127278] p 631 N83-30441
- HOOPER, J. O.**  
Microwave measurements for an attitude reference system design p 196 A83-15438
- HOPCROFT, R. G.**  
Progress toward the analysis of complex propulsion installation flow phenomenon  
[AIAA PAPER 83-1367] p 421 A83-36363

## HOPKINS, H.

**HOPKINS, H.**  
Long-range Falcon - Flight-test Dassault Falcon 50  
p 151 A83-18074

**HOPPER, L C**  
A new high impact resin system for advanced composites with 300 F /150 C/ properties  
p 222 A83-20429

**HORATTAS, C G**  
Data base considerations for a tactical environment simulation  
[AIAA PAPER 83-1099] p 463 A83-36219

**HOREFF, T C**  
FAA certification requirements for future fuels, fuel systems and powerplants  
p 352 N83-22443

**HORLING, J E**  
Closed-loop engine fuel system simulation  
[SAE PAPER 821374] p 532 A83-37964

**HORLOCK, J H**  
Non-uniform flows in axial compressors due to tip clearance variation  
p 745 A83-48824

**HORN, W J**  
New thermal and trajectory model for high-altitude balloons  
p 386 A83-32579

**HORNE, C**  
Turbofan engine blade pressure and acoustic radiation at simulated forward speed  
p 274 A83-24026

The influence of inlet design on the aeroacoustic performance of a JT15D turbofan engine as measured in the NASA-Ames 40 x 80 foot wind tunnel  
[AIAA PAPER 83-0681] p 337 A83-28006

**HORNE, W C**  
Measurements of the scattering of sound by a line vortex  
[AIAA PAPER 83-0676] p 365 A83-28004

The acoustic response of a propeller subjected to gusts incident from various inflow angles  
[AIAA PAPER 83-0692] p 366 A83-28010

**HORNUNG, H**  
Transonic cryogenic test section for the Goettingen Tube Facility  
[NASA-TM-77050] p 401 N83-23328

**HORST, D**  
Slidestrip indication system  
p 210 N83-17466

**HORSTEN, J J**  
On measuring transonic dips in the flutter boundaries of a supercritical wing in the wind tunnel  
[AIAA 83-1031] p 331 A83-29878

The LANN program - An experimental and theoretical study of steady and unsteady transonic airloads on a supercritical wing  
[AIAA PAPER 83-1686] p 502 A83-39099

**HORSTMANN, K H**  
Development of four profiles for an experimental propeller in the performance class of 750 PS  
[DGLR PAPER 82-067] p 243 A83-24181

Development of two airfoil sections for helicopter rotor blades  
p 374 A83-31623

Drag reduction by means of pneumatic turbulators  
[ESA-TT-743] p 505 N83-27965

**HORTON, R**  
Proposal and justification for the establishment of an aeronautical systems-target nonnuclear survivability-vulnerability information analysis center-SURVIAC  
[AD-A130414] p 771 N83-37015

**HORTON, V W**  
'Light bar' attitude indicator  
p 197 A83-16136

**HORVATH, P**  
Establishing signal processing and pattern recognition techniques for inflight discrimination between crack-growth acoustic emission and other acoustic waveforms  
p 214 A83-15198

**HOSKIN, B C**  
Lectures on Composite Materials for Aircraft Structures  
[ARL/STRUC-REPT-394] p 635 N83-30523

Introduction to Lectures on Composite Materials for Aircraft Structures  
p 635 N83-30524

Structural mechanics of fibre composites  
p 635 N83-30530

Environmental effects and durability  
p 636 N83-30532

Aircraft applications  
p 636 N83-30536

Airworthiness considerations  
p 636 N83-30537

**HOSMER, T P**  
Evaluating Scroll refrigerant compressors for reducing size and weight of military aircraft ECS  
[SAE PAPER 820877] p 263 A83-25771

**HOSTETLER, L D**  
Nonlinear Kalman filtering techniques for terrain-aided navigation  
p 257 A83-26263

**HOSTETTLER, R W**  
Comparison of simple position resets and Kalman filter position updates for correcting inertial navigation system errors  
p 673 A83-46967

**HOTOP, H J**  
Flight testing of a strapdown system Results of a special flight test  
[DFVLR-MITT-83-02] p 514 N83-27973

Flight testing of inertial navigation systems Hardware and software description  
[ESA TT-772] p 515 N83-27974

**HOTZ, E R**  
Analysis of the effects of explosive fuel ignition on an aircraft noise suppressor system  
p 43 N83-10247

**HOUGHARD, J**  
Advancing electronic technology impact on integrated propulsion/airframe controls design and development  
[ASME PAPER 83-GT-161] p 725 A83-47985

**HOUGHARD, J H**  
Inlet, engine, airframe controls integration development for supercruising aircraft  
p 447 A83-35842

**HOUCK, J A**  
A simulation study of crew performance in operating an advanced transport aircraft in an automated terminal area environment  
[NASA-TM-84610] p 382 N83-24490

**HOUGH, M E**  
Closed-loop eigenvalue selection for reduced autopilot sensitivity to radome errors  
[AIAA PAPER 83-0062] p 140 A83-16494

**HOUGHTON, W W**  
Evaluation of the effect of voids in composite main rotor blades  
p 472 A83-33507

Evaluation of the effect of voids in composite main rotor blades  
p 435 A83-35950

**HOUPIS, C H**  
Robustness of a decoupled multivariable digital flight control system  
[AIAA PAPER 83-2272] p 622 A83-41738

**HOUSNER, J M**  
The dynamic collapse of a column impacting a rigid surface  
p 639 A83-40873

**HOEWINK, H**  
Correlation of experimental and quasi-3D theoretical airloads on the oscillating LANN supercritical wing model  
[AD-A130505] p 718 N83-36002

**HOEWINK, R**  
The LANN program - An experimental and theoretical study of steady and unsteady transonic airloads on a supercritical wing  
[AIAA PAPER 83-1686] p 502 A83-39099

**HOVEY, P W**  
Characterization of NDE reliability  
p 214 A83-15211

**HOWARD, H K**  
CRAF today - An airline perspective  
[AIAA PAPER 83-1589] p 379 A83-33358

**HOWARD, W D**  
CF6 jet engine diagnostics program High pressure turbine roundness/clearance investigation  
[NASA-CR-165581] p 202 N83-13100

**HOWELL, W D**  
The development and application of a full-scale wide body test article to study the behavior of interior materials during a post crash fuel fire  
p 173 A83-18373

**HOWELL, W E**  
Restructurable controls for aircraft  
[AIAA PAPER 83-2255] p 622 A83-41728

Observations of severe in-flight environments on airplane composite structural components  
p 600 A83-43330

Effects of simulated lightning on composite and metallic joints  
[NASA-TM-84554] p 177 N83-14170

**HOYLE, R D**  
Restructurable Controls  
[NASA-CP-2277] p 688 N83-33896

**HOYLE, R D**  
A versatile thermal imager for RPV applications  
p 610 A83-43720

**HOYNIK, D**  
The coupled aeroelastic response of turbomachinery blading to aerodynamic excitations  
[AIAA 83-0844] p 357 A83-29822

**HREHA, M A**  
A dynamic model for aircraft poststall departure  
[AIAA PAPER 83-0367] p 150 A83-16674

**HRUBY, R J**  
Guidance and flight control demonstration in a helicopter flight environment using a laser-gyro inertial navigation system  
p 322 A83-28779

Performance of a Strapdown Ring Laser Gyro Tetrad Inertial Navigation System in a helicopter flight environment  
p 322 A83-28781

**HSIA, Y**  
Edge tones in high-speed flows and their application to multiple-jet mixing  
p 482 A83-36077

**HSU, D A**  
A theoretical framework for analysis of lateral position errors in VOR jet-route systems  
p 431 A83-35273

**HSU, M**  
A technical analysis of rehosting the National Aerospace System software  
[AD-A118828] p 187 N83-12069

**HSU, M T**  
Characterization and degradation studies on synthetic polymers for aerospace application  
[NASA-CR-172996] p 698 N83-33014

**HUA, H M**  
Optimization for structures of discrete-size elements  
p 472 A83-34311

**HUANG, J-K**  
An optimal control approach to the design of moving flight simulators  
p 218 A83-19949

**HUANG, M-K**  
Apparent-mass coefficients for isosceles triangles and cross sections formed by two circles  
p 675 A83-43973

**HUANG, Y**  
Statistical determination of a flaw detection probability curve  
p 300 A83-26763

**HUARD, J**  
Test facility for basic research on distortion  
p 542 N83-29258

**HUBBARD, J E, JR**  
A comparison of model helicopter rotor Primary and Secondary blade/vortex interaction blade slap  
[AIAA PAPER 83-0723] p 307 A83-25934

**HUBER, C**  
In-flight aircraft seat fire extinguishing tests (cabin hazard measurements)  
[FAA-CT-82-111] p 197 N83-16308

**HUBER, D**  
A study of wavelength division multiplexing for avionics applications  
[AD-A125749] p 530 N83 27990

**HUBER, H**  
Hingeless and bearingless main rotor in a fiber composite type of construction for dynamic systems of future helicopters  
p 724 A83 47195

Transonic effects on helicopter rotor blades  
p 716 A83-49178

Studies on blade-to-blade and rotor-fuselage-tail interferences  
p 193 N83-17479

Transonic effects on helicopter rotor blades  
[MBB-349-81-O-E] p 195 N83-17520

Studies on blade-to-blade and rotor-fuselage-tail interferences  
[MBB-351-82-O-E] p 195 N83-17521

**HUBER, J**  
Manufacturing processes for aeronautical structures  
p 227 N83-17620

Specific examples of aerospace applications of composites  
p 227 N83-17621

**HUBER, P**  
The corrosion resistance of protective coatings  
p 223 A83-21454

**HUBLER, G K**  
Ion implanting bearing surfaces for corrosion resistance  
[ASME PAPER 82-LUB 23] p 209 A83-13512

**HUCK, W**  
The effect of the Reynolds number on turbomachines  
p 687 N83-34838

**HUCULAK, P**  
The use of composite patches for repair of aircraft structural parts  
p 3 A83-12968

**HUDGINS, C H**  
Laboratory evaluation of an airborne ozone instrument that compensates for altitude/sensitivity effects  
p 681 A83-45618

**HUDGINS, W A**  
Full-flow debris monitoring and fine filtration for helicopter propulsion systems  
p 278 A83-24838

**HUESCHEN, R M**  
Restructurable controls for aircraft  
[AIAA PAPER 83-2255] p 622 A83-41728

Restructurable Controls  
[NASA-CP-2277] p 688 N83-33896

**HUFF, R**  
Carrier landing simulation results of precision flight path controllers in manual and automatic approach  
[AIAA PAPER 83-2072] p 592 A83-41909

**HUFFMAN, J K**  
Experimental study of wing leading-edge devices for improved maneuver performance of a supercritical maneuvering fighter configuration  
[NASA-TP-2125] p 316 N83-22162

**HUFFMAN, M**  
Developments in performance monitoring and diagnostics in aircraft turbine engines  
[SAE PAPER 821400] p 533 A83-37973

**HUGHES, A J**  
Liquid crystal displays  
p 611 N83-30420

Other types of display  
p 611 N83-30424



- HUGHES, R. G.**  
Applications of simulator freeze to carrier glideslope tracking instruction  
[AD-A18862] p 220 N83-16356
- HUGHES, R. T.**  
Phoenix GCS - Some considerations which influence the design of computer assisted ground control stations for RPV p 592 A83-43714
- HUGHES, R. V.**  
Thrust reverser effects on the tail surface aerodynamics of an F-18 type configuration  
[AIAA PAPER 83-1860] p 500 A83-38687
- HUGHES, S. E.**  
Fabrication and heat treatment of a Ni-base superalloy integrally bladed rotor for small gas turbine engine applications p 177 A83-19102
- HUGHES, W. I.**  
Video stand-alone instrument multi-function cockpit display system p 35 A83-11172
- HULING, D. W.**  
Fire resistant aircraft hydraulic system  
[AD-A18169] p 33 N83-11118
- HULL, D. G.**  
Estimation enhancement by trajectory modulation for homing missiles p 511 A83-37135  
New target models for homing missile guidance  
[AIAA PAPER 83-2166] p 590 A83-41662  
MIMO controller design for longitudinal decoupled aircraft motion  
[AIAA PAPER 83-2274] p 623 A83-41740
- HULL, D. R.**  
Metal honeycomb to porous wireform substrate diffusion bond evaluation p 559 A83-39620
- HULSE, M. S.**  
En route Moving Target Detector (MTD) 2 Test and evaluation  
[FAA-RD-82-34] p 359 N83-21212
- HUMBERT, M. C.**  
Comparison of modern icing cloud instruments  
[NASA-CR-168008] p 270 N83-18720
- HUMENIK, F. M.**  
Fuel spray diagnostics p 538 N83-29212  
Parametric study of flame radiation characteristics of a tubular-can combustor  
[NASA-TM-83436] p 539 N83-29237
- HUMPHRIS, R. R.**  
Development of the design concepts for a medium-scale wind tunnel magnetic suspension system  
[NASA-CR-166042] p 176 N83-15320
- HUNG, J. Y.**  
On the certification of digital computer programs for flight safety p 2 A83-11115
- HUNGER, H.**  
Aerodynamic compliant bearings for small turbo-engines p 185 N83-15537
- HUNOLD, K.**  
Development and fabrication of refractory bodies for gas turbine engines  
[BMFT-FB-82-138] p 164 N83-14132
- HUNT, B.**  
The strengths and weaknesses of Computational Fluid Mechanics (CFM) in aerodynamic design and analysis Part 1 Background and philosophy p 219 N83-13413  
The use of panel methods for the evaluation of subsonic wall interference p 347 N83-20959
- HUNT, B. L.**  
Thrust reverser effects on the tail surface aerodynamics of an F-18 type configuration  
[AIAA PAPER 83-1860] p 500 A83-38687  
Subsonic/supersonic aeropropulsive characteristics of nonaxisymmetric nozzles installed on an F-18 model p 744 A83-48215
- HUNT, C. L.**  
Post-flight compensation for a master navigator error p 673 A83-46966
- HUNT, G. H.**  
Optical techniques for airborne displays p 611 N83-30425
- HUNT, I. A.**  
Design of a new contraction, wide angle diffuser and flow manipulators for the low speed wind tunnel  
[AD-A119544] p 175 N83-14144
- HUNT, J.**  
Study of the damping characteristics of general aviation aircraft panels and development of computer programs to calculate the effectiveness of interior noise control treatment, part 1  
[NASA-CR-169534] p 190 N83-15043
- HUNT, R. L.**  
Design of a helicopter autopilot by means of linearizing transformations  
[NASA-TM-84295] p 52 N83-11140
- HUNTER, D. T.**  
LCC evaluation of advanced engine damage tolerance goals for a hot-section disk  
[AIAA PAPER 83-1407] p 456 A83-36396
- HUNTER, J. H.**  
Advanced digital controller development program, task 1  
[AD-A129269] p 749 N83-36034
- HUNTER, L.**  
Environmental quality research Fate of toxic jet fuel components in aquatic systems  
[AD-A122548] p 351 N83-21168
- HUNTER, W. F.**  
Analytical methods with application to the Pathfinder 1 model p 291 N83-18753
- HURRASS, K.**  
Simple integrated navigation systems p 256 A83-24873
- HURRY, M. F.**  
United Kingdom military engine usage, condition and maintenance systems experience  
[AIAA PAPER 83-1239] p 453 A83-36302
- HUSON, G. G.**  
Development of advanced circulation control wing high lift airfoils  
[AIAA PAPER 83-1847] p 499 A83-38675  
Wind tunnel investigation of cargo extraction parachutes in the wake of a Lockheed C-141B Starlifter aircraft  
[AD-A124523] p 425 N83-25675
- HUSS, R. E.**  
Airborne electronic terrain map display - An update p 35 A83-11135
- HUSSAINI, M. Y.**  
Pseudospectral calculation of shock turbulence interactions  
[NASA-CR-172133] p 491 N83-27952
- HUSSEIN, G. A.**  
Effect of air, liquid and injector geometry variables upon the performance of a plain-jet airblast atomizer p 473 A83-35809
- HUSSON, T. R.**  
Real-time infrared image processing p 37 A83-11459
- HUTCHISON, R. A.**  
STOL wind tunnel test results for a tactical supercruiser  
[AIAA PAPER 83-1224] p 420 A83-36291
- HUTTON, P. H.**  
Develop in flight acoustic emission monitoring of aircraft to detect fatigue crack growth p 195 A83-15197
- HUTTSSELL, L. J.**  
Development and flight test of an active flutter suppression system for the F 4F with stores Part 1 Design of the active flutter suppression system  
[AD-A121485] p 288 N83-18746
- HUTTSSELL, L. T.**  
Adaptive flutter suppression, analysis and test p 346 N83-22219
- HUTZLER, W. P.**  
Summary of analysis of sources of forecasting errors in BP 1500 requirements estimating process and description of compensating methodology  
[AD-A128548] p 577 N83-31574  
POM (Program Objective Memorandum) FY-85 BP 1500 cost growth and leadtime adjustments Research results  
[AD-A128522] p 654 N83-32667
- HURMAN, C.**  
Operational and maintenance aspects of the introduction of an advanced fighter type p 491 N83-29250
- HUXLEY, B.**  
NATS - Taking stock p 142 A83-17727
- HUYETT, R. A.**  
Impact-resistant transparencies for manne service  
[ASME PAPER 82 WA/OCE-4] p 295 A83-25686
- HWANG, C.**  
Test demonstration of digital control of wing/store flutter p 383 A83-30163  
Aircraft active controls - New era in design p 461 A83-35773  
Adaptive flutter suppression, analysis and test p 346 N83-22219
- HYLAND, W. L.**  
Status of the TCAS program p 682 A83-46959  
Evaluation of TCAS 2 in an air carrier environment p 146 N83-14092
- HYLTON, L. D.**  
An experimental investigation of endwall heat transfer and aerodynamics in a linear vane cascade  
[ASME PAPER 83-GT-52] p 714 A83-47909
- HYNES, R. J.**  
An integrated maneuver enhancement and gust alleviation mode for the AFTI/F-111 MAW aircraft  
[AIAA PAPER 83-2217] p 620 A83-41699
- IAKIMOV, N. A.**  
An experimental study of ball bearings in the combined supports of the rotors of gas-turbine engines p 640 A83-42144
- IANCHEVSKII, A. M.**  
The problem of an optimum wing of constant seaworthiness p 375 A83-33003
- IANNARELLI, F.**  
Analyzing the role of closed loop systems for a subsonic aircraft with reduced longitudinal stability p 51 N83-10076
- IANYASHEV, I. U. A.**  
The development of a central electrical generating system for transport vehicles p 300 A83-26885
- IAREMA, S. I. A.**  
The effect of anisotropy, thickness, and operating time on the crack growth in pressed and rolled products of D16chT and V95pchT1 alloys p 350 A83-28478
- IARKOVETS, A. I.**  
Aircraft production technology (2nd revised and enlarged edition) p 415 A83-36443
- IARLYKOV, M. S.**  
Optimal complexing of measuring instruments in short-range navigation systems p 17 A83-10803
- IATSENKO, M. I.**  
The effect of liquid media on the strength of an aluminum-matrix composite p 209 A83-15394
- IATSENKO, V. K.**  
Evaluation of the efficiency of the diamond burnishing of gas-turbine-engine parts p 558 A83-39511
- IAZZERI, L.**  
The fatigue crack growth under variable amplitude loading in built-up structures  
[AD-A119764] p 187 N83-15676
- ICHIKAWA, A.**  
The use of an error index to improve numerical solutions for unsteady lifting airfoils p 178 A83-15281  
Improved numerical method for unsteady lifting surfaces in incompressible flow p 422 A83-36917
- ICHIKAWA, H.**  
Real-time simulation of jet engines with digital computer 1 Fabrication and characteristics of the simulator  
[NASA-TM-77081] p 684 N83-32809
- ICHIKAWA, M.**  
Large scale aeroengine compressor test facility p 630 A83-41534
- IDELCHIK, I. E.**  
Certain effects and paradoxes in aerodynamics and hydraulics p 229 A83-20379
- IGETA, Y.**  
Construction and test of flexible walls for the throat of the ILR high-speed wind tunnel  
[NASA-TM-77005] p 293 N83-18771
- IGUMENTSEV, E. A.**  
Vibrational diagnostics of gas-turbine blades p 473 A83-35040
- IINUMA, K.**  
Recent progress of lighter-than-air programs in Japan  
[AIAA PAPER 83-1993] p 522 A83-38918
- IKEDA, T.**  
Nonlinear forced oscillations of a rotating shaft carrying an unsymmetrical rotor at the major critical speed p 228 A83-20288
- IKUI, T.**  
Turbulent boundary layer associated with periodic rotating wakes p 376 A83-33373
- ILIFF, K. W.**  
Space Shuttle stability and control derivatives estimated from the first entry p 544 A83-37065
- ILIFF, R. L.**  
Azimuth monitoring experiment  
[AD-A120834] p 148 N83-15278
- ILLARIONOV, V. F.**  
Determination of the equivalent noise level contour for a passenger jet aircraft over a place in the case of quasi-steady flight regimes p 570 A83-37535
- IMADO, F.**  
The optimal evasive maneuver of a fighter against proportional navigation missiles  
[AIAA PAPER 83-2139] p 626 A83-41961
- IMMEN, F. H.**  
New insights in structural design of composite rotor blades for helicopters p 525 A83-40287
- INGHAM, D. B.**  
The one-dimensional analysis of fin assembly heat transfer p 643 A83-43365
- INOUE, M.**  
Turbulent boundary layer associated with periodic rotating wakes p 376 A83-33373
- INSLEY, P. A.**  
Summary of analysis of sources of forecasting errors in BP 1500 requirements estimating process and description of compensating methodology  
[AD-A128548] p 577 N83-31574

## J

- POM (Program Objective Memorandum) FY-85 BP 1500 cost growth and leadtime adjustments Research results [AD-A128522] p 654 N83-32667
- IOFFE, G. I.**  
The Ka-26 helicopter p 437 A83-36448
- IOZZIA, S.**  
Air traffic flow control systems - Modelling and evaluation p 258 A83-26602
- IRINARKHOV, V. A.**  
Aerodynamic loads on the rear part of a fuselage behind a swept wing in supersonic flow p 494 A83-37562
- IRVOAS, J.**  
The corkscrew phenomenon on the prototype of the Epsilon [AAAF PAPER NT-82-15] p 396 A83-33166  
An example of longitudinal and transversal oscillation coupling The Epsilon aircraft cork screw p 51 N83-10074  
The Epsilon prototype corkscrew phenomenon [SNIAS-822-111-101] p 376 N83-23279
- IRWIN, S. H.**  
Results from tests, with van-mounted sensor, of magnetic leader cable for aircraft guidance during roll-out and turnoff [NASA-TP-2092] p 209 N83-16338
- ISH-SHALOM, J.**  
An optimal control approach to the design of moving flight simulators p 218 A83-19949
- ISHIDA, Y.**  
Nonlinear forced oscillations of a rotating shaft carrying an unsymmetrical rotor at the major critical speed p 228 A83-20288  
A numerical study of flow past a rotating flat plate by the discrete vortex method p 766 N83-36401
- ISHIGURO, T.**  
Finite difference calculation of an inviscid transonic flow over oscillating airfoils [RAE-TRANS-2087] p 191 N83-16292  
Finite difference calculation of an inviscid transonic flow over oscillating airfoils [AD-A123982] p 426 N83-25677
- ISHIMARU, K.**  
Rotor noise due to blade-turbulence interaction [AD-A129757] p 770 N83-36851
- ISHMAEL, S. D.**  
Qualification of the flight-critical AFTI/F-16 digital flight control system [AIAA PAPER 83-0060] p 167 A83-16492
- ISOGLI, K.**  
Numerical simulation of transonic flutter of a supercritical wing [NAL-TR-726T] p 288 N83-18743
- IUGOV, O. K.**  
Some aspects of development of power plant optimum control to increase aircraft fuel efficiency p 447 A83-35841
- IURTSEV, I. U. N.**  
The motion dynamics of parachute systems p 422 A83-36450
- IVANOV, A.**  
Semi-active radar guidance p 723 A83-48771
- IVANOV, M. A.**  
Probabilistic estimation of the efficiency of radio systems in the presence of interference p 405 A83-30731
- IVANOV, S. N.**  
On the formulation of the finite-element method in heat-conduction problems for aircraft structures p 556 A83-37515
- IVANOV, V. P.**  
Theoretical estimate of the effect of the rotation of impellers on their natural frequencies p 558 A83-39508
- IVANSHIN, I. U. I.**  
The effect of supercritical pressure gradients on heat transfer in turbine nozzle cascades p 614 A83-42140
- IVASHKEVICH, O. V.**  
A test stand for studying transient phenomena in aerodynamic turbomachine cascades p 218 A83-20913
- IVES, D. C.**  
Supercritical inlet design [AIAA PAPER 83-1866] p 501 A83-38693
- IWASAKI, M.**  
Numerical calculations for performances of propellers in a static-state by vortex theory accounting of slipstream deformation and their comparisons with experiments p 189 A83-22072
- IZZO, L.**  
Effects of thermal noise and interference due to scatterers on VOR system accuracy p 18 A83-11092
- JACHIMOWICZ, J.**  
Application of the matrix method of forces for the calculation of aircraft structures p 232 A83-23221
- JACK, J. W.**  
Imaging sensors for an RPV payload p 610 A83-43721
- JACKSON, A. C.**  
Advanced manufacturing development of a composite empennage component for L-1011 aircraft Phase 2 Design and analysis [NASA-CR-165634] p 605 N83-30404
- JACKSON, G. A.**  
Investigation of the RF properties of carbon fiber composite materials [ERA-81-109] p 552 N83-28084
- JACKSON, G. R.**  
The Dash 8 - Design considerations [SAE PAPER 820728] p 384 A83-30875
- JACKSON, J. A.**  
On the shock cell structure and noise of supersonic jets [AIAA PAPER 83-0703] p 306 A83-25923
- JACKSON, L. R.**  
An analytical comparison of two wing structures for Mach 5 cruise airplanes [AIAA 83-0974] p 329 A83-29806  
Pumped vortex [NASA-CASE-LAR-12615-1] p 246 N83-19715
- JACKSON, R. D.**  
Airborne reconnaissance in the civilian sector - Agricultural monitoring from high-altitude powered platforms p 566 A83-39939
- JACKSON, T. A.**  
Fuel property effects on Air Force gas turbine engines - Program genesis p 59 A83-10653
- JACKWERTH, H.**  
Advanced compressor components for aero engines Phase 2 (1980-1981) [BMFT-FB-W-82-022] p 394 N83-23311
- JACOB, D.**  
Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing. A comparison between wind tunnel and flight results for aerodynamic performance p 603 N83-30361
- JACOB, K.**  
Computation of the flow around wings with rear separation [DFVLR-FB-82-22] p 195 N83-17517
- JACOBS, P. F.**  
A comparison of trim drag for conventional and supercritical wings [AIAA PAPER 83-0094] p 131 A83-16518
- JACOBS, R. E.**  
Preliminary tests of an advanced high-temperature combustion system [NASA-TP-2203] p 686 N83-33893
- JACOBSEN, O. H.**  
A preliminary study of annular diffusers with constant diameter outer walls (suitable for turbine exits) [ASME PAPER 83-GT-218] p 744 A83-48018
- JACOBSON, I. D.**  
Aircraft trajectories for reduced noise impact p 667 A83-43971
- JACOBSON, L.**  
Navstar equipments accuracy compared with experimental results p 255 A83-24861
- JACOBSON, M. J.**  
Sonic fatigue of advanced composite panels in thermal environments p 224 A83-22166
- JACOBSEN, G. E., JR.**  
Prelaunch survivability of Ground Launched Cruise Missile (GLCM) Volume 3 SAVAGE code version 1.0 user's guide [AD-A119023] p 155 N83-14113
- JACOBY, G.**  
Prediction capability and improvements of the numerical notch analysis for fatigue loaded aircraft and automotive components p 213 A83-13907
- JACOCKS, J. L.**  
Comparison of computational and experimental jet effects p 7 A83-10185
- JACQUET, P.**  
Towards a renewal of the propeller in aeronautics [AAAF PAPER NT 82-01] p 392 A83-33159  
The return of the propeller airplane [SNIAS-822-111-102] p 389 N83-24501
- JAEL, R. F.**  
Flight evaluation of an engine static pressure noseprobe in an F-15 airplane [NASA-CR-163109] p 214 N83-17546
- JAERMARK, B.**  
Pursuit-evasion between two realistic aircraft [AIAA PAPER 83-2119] p 651 A83-41944
- Poststall flight in close combat [AIAA PAPER 83-2120] p 625 A83-41945  
On pursuit-evasion between two realistic aircraft [SAAB-TN-AE-75] p 705 N83-33641
- JAHNSEN, L. J.**  
Comparison of modern icing cloud instruments [NASA-CR-168008] p 270 N83-18720
- JAKUB, A.**  
Antimisting kerosene atomization and flammability [NASA-CR-169385] p 211 N83-12246
- JAKUBOWSKI, A. K.**  
Surface pressures induced on a flat plate with in-line and side-by-side dual jet configurations [AIAA PAPER 83-1849] p 500 A83-38677
- JAMES, B.**  
Structural optimization by multilevel decomposition [AIAA 83-0832] p 355 A83-29741
- JAMES, J. R.**  
Recent examples of conformal microstrip antenna arrays for aerospace applications p 144 A83-18672  
Synthesis of conformal HF and VHF directional arrays on spherical bodies using surface resonator techniques p 181 A83-18679
- JAMSON, A.**  
A multi-grid method for the computation of viscous/inviscid interactions on airfoils [AIAA PAPER 83-0234] p 132 A83-16602  
Three-dimensional Euler equation simulation of propeller-wing interaction in transonic flow [AIAA PAPER 83-0236] p 132 A83-16603  
Flow simulations for general nacelle configurations using Euler equations [AIAA PAPER 83-0539] p 134 A83-16775  
Finite-volume solutions to the Euler equations in transonic flow [AIAA PAPER 81-1265] p 136 A83-18405  
Solution of the Euler equations for complex configurations [AIAA PAPER 83-1929] p 503 A83-39381  
Recent experiences with three-dimensional transonic potential flow calculations [NASA-TM-78733] p 12 N83-11072
- JAMIN-CHANGART, F.**  
Minizone image furnace p 633 N83-31658  
Isothermal gradient heat-pipes space furnace (500 to 1000 deg C) p 633 N83-31659
- JAMISON, E. S.**  
Advanced composite elevator for Boeing 727 aircraft, volume 2 [NASA-CR-159258] p 205 N83-16330
- JANAKIRAM, D. S.**  
Noise and detectability characteristics of small-scale remotely piloted vehicle propellers p 199 A83-13162
- JANES, R. W. B.**  
Improved system reliability through master independent operation p 672 A83-46956
- JANISSE, T. C.**  
A parametric study of surface imperfections and small cutouts in a composite panel [AD-A124739] p 470 N83-25793
- JANKOVIC, J.**  
Anti-flutter control concept using a reduced non-linear dynamic model of elastic structure aircraft [AIAA 83-0993] p 341 A83-29870
- JANOVICZ, M. A.**  
Ceramic applications in turbine engines [NASA-CR-165494] p 771 N83-37028
- JANSEN, M.**  
On the influence of the diffuser inlet shape on the performance of a centrifugal compressor stage [ASME PAPER 83-GT-9] p 737 A83-47881
- JANSSEN, T. L.**  
Progress in propulsion system/airframe structural integration [AIAA PAPER 83-1123] p 437 A83-36234
- JANTZEN, E.**  
Behavior of aircraft engine oils at high temperature p 185 N83-15529
- JARRABET, G. P.**  
Strain isolated ceramic coatings [ASME PAPER 83-GT-223] p 762 A83-48021
- JARRETT, R. N.**  
Effects of cobalt in nickel-base superalloys p 233 A83-21467
- JASAS, G.**  
Gas turbine demonstration of pyrolysis. Derived fuels [DE82-007193] p 553 N83-28273
- JASAS, G. B.**  
Use of pyrolysis-derived fuel in a gas turbine engine [ASME PAPER 83-GT-96] p 755 A83-47942
- JASPAL, R.**  
Cost effective performance restoration of high by-pass engines p 447 A83-35833

# PERSONAL AUTHOR INDEX

JOHNSTON, J. P.

- JASPERSON, W. H.**  
Flight summaries and temperature climatology at airliner cruise altitudes from GASP (Global Atmospheric Sampling Program) data [NASA-CR-168106] p 409 N83-24048
- JASUJA, A. K.**  
Effect of air, liquid and injector geometry variables upon the performance of a plan-jet airblast atomizer p 473 A83-35809
- JAUER, R. A.**  
Pictorial formats Volume 1 Format development [AD-A119222] p 155 N83-14115
- JAY, R. L.**  
Structural response due to blade vane interaction [ASME PAPER 83-GT-133] p 740 A83-47960  
Time-variant aerodynamics for translational motion of large-turning airfoils [AD-A118884] p 203 N83-13105
- JAYARAJAN, A.**  
Development of aircraft lavatory compartments with improved fire resistance characteristics Phase 4 Sandwich panel decorative ink development [NASA-CR-166432] p 296 N83-18851
- JAYARAMAN, N.**  
Metallurgical instabilities during the high temperature low cycle fatigue of nickel-base superalloys p 224 A83 22019  
The effect of microstructure on the fatigue behavior of Ni base superalloys p 469 A83-36166
- JEANS, L. L.**  
Fatigue sensitivity of composite structure for fighter aircraft p 152 A83-18402
- JECMEN, D. M.**  
Effects of external burning on spike-induced separated flow p 715 A83-48132
- JEFFERIES, E. B.**  
The use of free-flight models for the prediction of departure control p 593 N83-30368
- JEN, H. F.**  
Cooling airflow studies at the leading edge of a film-cooled airfoil [ASME PAPER 83-GT-82] p 760 A83 47935
- JENKINS, J. E.**  
Missile Datcom status report Body and fin alone methodology [AIAA PAPER 83-0181] p 132 A83-16574
- JENKINS, R. M.**  
A comprehensive method for preliminary design optimization of axial gas turbine stages II - Code verification [AIAA PAPER 83-1403] p 456 A83-36393
- JENSEN, D. W.**  
Comparison of frequency determination techniques for cantilevered plates with bending-torsion coupling [AIAA 83-0953] p 358 A83-29885
- JEPSON, D.**  
Analysis and correlation of the test data from an advanced technology rotor system [NASA-CR-3714] p 665 N83-32777
- JERACKI, R. J.**  
Noise of the 10-bladed, 40 deg swept SR-6 propeller in a wind tunnel [NASA-TM-82950] p 74 N83-11840  
Noise of the 10-bladed 60 deg swept SR-5 propeller in a wind tunnel [NASA-TM-83054] p 367 N83-23112
- JERNELL, L. S.**  
Development of two supercritical airfoils with a thickness-to-chord ratio of 0.20 and design lift coefficients of 0.3 and 0.4 [NASA-TM-X 73948] p 12 N83-11079
- JEROSZKO, R. A.**  
Broad specification fuels technology program, phase 1 [NASA-CR-168180] p 637 N83-30551
- JESPERSEN, D. C.**  
A multigrid method for the Euler equations [AIAA PAPER 83-0124] p 131 A83-16537
- JETTMAR, R. U.**  
Computation of aerodynamic forces on bodies with non-circular cross-section in supersonic viscous flow [AIAA PAPER 83-2077] p 660 A83-45519
- JEWEL, J. W., JR.**  
Tabulation of recorded gust and maneuver accelerations and derived gust velocities and airplanes in the NASA VGH General Aviation Program [NASA-TM-84660] p 669 N83-33859
- JEWELL, W. F.**  
Determination of motion and visual system requirements for flight training simulators [AD-A117555] p 57 N83-11149  
Analysis of pilot control strategy [NASA-CR-170399] p 344 N83-22212  
Non-intrusive parameter identification procedure user's guide [NASA-CR-170398] p 397 N83-23318
- JEX, H. R.**  
Heavy-lift airship dynamics p 340 A83-29016  
Stability and control of the Gossamer human powered aircraft by analysis and flight test [NASA-CR-3627] p 11 N83-11062  
Determination of motion and visual system requirements for flight training simulators [AD-A117555] p 57 N83-11149  
Flight dynamics analysis and simulation of heavy lift airships Volume 1 Executive summary [NASA-CR-166471-VOL-1] p 344 N83-22207  
Flight dynamics analysis and simulation of heavy lift airships Volume 2 Technical manual [NASA-CR-166471-VOL-2] p 344 N83-22208  
Flight dynamics analysis and simulation of heavy lift airships Volume 5 Programmer's manual [NASA-CR-166471-VOL-5] p 344 N83-22211
- JH-RUI, C.**  
Experimental investigation of simulating impingement cooling of concave surfaces of turbine airfoils p 283 N83-18960
- JIANG, H. K.**  
Flow measurements within rotating stall cells in single and multistage axial-flow compressors p 419 A83-35873
- JIANG, L. Y.**  
A study of lean extinction limit for pilot flame holder p 469 A83-35821
- JIANG, P. W.**  
A fast microprocessor communication network design for interprocessor communications for an integrated flight control system p 24 A83-11902
- JIANTING, G.**  
Overspeed and overtemperature tests and dissection examination of the turbine discs made of an iron-nickel base superalloy p 165 N83-15261
- JIN, G.**  
Application of laser holographic interferometry to vibration analysis of aircraft beam structure model p 300 A83 26765
- JINAN, Z.**  
Overspeed and overtemperature tests and dissection examination of the turbine discs made of an iron-nickel base superalloy p 165 N83-15261
- JINES, L. A.**  
Easiest ejection seat stability and control analysis capability p 190 A83-15428  
The Air Force ejection seat as a vehicle for digital flight control [AIAA PAPER 83-2205] p 596 A83-41689
- JISCHKE, M. C.**  
Optimization of wavy configurations generated from axisymmetric conical flows p 715 A83-48134
- JOANNIC, Y.**  
Interactive fine-tuning of linear-quadratic governors by selective and direct action on the poles of the control system [ONERA, TP NO 1983-21] p 480 A83-36430
- JOERCK, H.**  
The design of wind shear filters p 286 A83-26483
- JOHN, L. K.**  
Development of a structural, bird impact resistant, de-iced wing leading edge for the de Havilland Dash 8 aircraft using fibre-reinforced composites p 153 A83-18823
- JOHNS, A. L.**  
Experimental results of a deflected thrust V/STOL nozzle research program [AIAA PAPER 83-0170] p 579 A83-42100  
Experimental results of a deflected thrust V/STOL nozzle research program [NASA-TM-83069] p 423 N83-25657
- JOHNSON, B. V.**  
Combustion experiments with a new burner air distribution concept [ASME PAPER 83-GT-31] p 737 A83-47893
- JOHNSON, C.**  
Refining of military jet fuels from shale oil Part 1 Preliminary process design, economic and yield optimization, and computer modeling [AD-A117511] p 60 N83-10210
- JOHNSON, C. A.**  
Refining of military jet fuels from shale oil Volume 3, part 2 Above ground shale oil process data [AD-A128635] p 758 N83-35162  
Refining of military jet fuels from shale oil, part 2, volume 2 (in situ shale oil process data) [AD-A129031] p 759 N83-36248
- JOHNSON, C. B.**  
Investigation of the effects of upstream sidewall boundary-layer removal on a supercritical airfoil [AIAA PAPER 83-0386] p 133 A83-16686
- JOHNSON, C. D.**  
Finite element prediction of damping in beams with constrained viscoelastic layers p 66 N83-10223
- JOHNSON, D. A.**  
Comparison of supercritical airfoil flow calculations with wind-tunnel results [AIAA PAPER 83-1688] p 503 A83-40472
- JOHNSON, D. W.**  
Reductions in parachute drag due to forebody wake effects p 178 A83-15315  
An experimental and theoretical investigation of the reduction in parachute drag caused by forebody wake effects Data compilation and program summary [DE83-005364] p 378 N83-24486
- JOHNSON, E. A.**  
Heavy gas mixtures for wind tunnel use p 630 A83-42623
- JOHNSON, E. H.**  
Test demonstration of digital control of wing/store flutter p 383 A83-30163  
Development and application of digital control for tactical aircraft flutter suppression p 343 N83-22108  
Adaptive flutter suppression, analysis and test p 346 N83-22219
- JOHNSON, G.**  
In-flight aircraft seat fire extinguishing tests (cabin hazard measurements) [FAA-CT-82-111] p 197 N83-16308
- JOHNSON, G. A.**  
Helicopter fin effectiveness [BU-271] p 206 N83-16336  
Development of aircraft lavatory compartments with improved fire resistance characteristics Phase 4 Sandwich panel decorative ink development [NASA-CR-166432] p 296 N83-18851
- JOHNSON, G. M.**  
Static testing to evaluate air tanker delivery performance [PB82-179946] p 194 N83-12079
- JOHNSON, J. L., JR.**  
Exploratory low-speed wind-tunnel investigation of advanced commuter configurations including an over-the-wing propeller design [AIAA PAPER 83-2531] p 732 A83-49590
- JOHNSON, J. R.**  
Application of advanced signal processing techniques to angle of arrival estimation in ATC navigation and surveillance systems [AD-A118306] p 28 N83-11108
- JOHNSON, L. R.**  
A structural-ceramic research program A preliminary economic analysis [DE83-014263] p 766 N83-36499
- JOHNSON, M.**  
Calculation of transonic potential flow around a wing-body-tail combination [AD-A124247] p 378 N83-24482
- JOHNSON, R. A.**  
Component qualification and initial build of the AGT 100 advanced automotive gas turbine [ASME PAPER 83-GT-225] p 763 A83-48023  
Advanced Gas Turbine (AGT) power-train system development [NASA-CR-167875] p 186 N83-15627
- JOHNSON, R. R.**  
Computational wing design for an advanced trainer [AIAA PAPER 83-0093] p 149 A83-16517
- JOHNSON, S. H.**  
Critical review of the trailing edge condition in steady and unsteady flow Blade flutter in compressors and fans Numerical simulation of the aerodynamic loading [NASA-CR-169705] p 137 N83-15264
- JOHNSON, S. K.**  
Evolution of aircraft trailing vortices in a stratified fluid [AIAA PAPER 83-0564] p 134 A83-16792
- JOHNSON, T. D., JR.**  
Allevation of the subsonic pitch-up of delta wings p 374 A83-32583
- JOHNSON, V. E., JR.**  
Self resonating pulsed water jets for aircraft coating removal Feasibility study [AD-A119114] p 218 N83-13292
- JOHNSON, V. S.**  
Parametric study of factors affecting the fuel efficiency of advanced turboprop airplanes [AIAA PAPER 83-1823] p 520 A83-38655  
Comparison of advanced turboprop and turbofan airplanes [NASA-TM-85692] p 733 N83-36022
- JOHNSON, W.**  
Trends of Reynolds number effects on two-dimensional airfoil characteristics for helicopter rotor analyses [NASA-TM-84363] p 377 N83-24472
- JOHNSON, W. N.**  
A hard X-ray experiment for long-duration balloon flights p 530 A83-39822
- JOHNSTON, J. P.**  
Transitory stall in diffusers [AD-A122953] p 394 N83-23315

# JOHNSTON, M. H.

- JOHNSTON, M. H.**  
Optical observations of unidirectional solidification in microgravity  
[NASA-TP-2110] p 225 N83-16492
- JOHNSTON, R. P.**  
Energy efficient engine Flight propulsion system preliminary analysis and design  
[NASA-CR-159859] p 201 N83-12094
- JONAS, F. M.**  
Wake characteristics and configurations of the canard/wing lifting surface configuration of the X-29 forward-swept wing flight demonstrator  
[AIAA PAPER 83-1835] p 499 A83-38664
- JONES, A., JR.**  
How to improve air cushion vehicle performance with VUMP equipped wave-forming keels  
p 484 A83-34855
- JONES, C.**  
Military systems acceptance criteria  
p 657 A83-45844
- USAF bioenvironmental noise data handbook Volume 172 Hush-noise suppressor (Aero Systems Engineering, Incorporated) far-field noise  
[AD-A118773] p 223 N83-12973
- Study of advanced rotary combustion engines for commuter aircraft  
[NASA-CR-165399] p 214 N83-17545
- Advanced rotary engines  
p 340 N83-22454
- Multi-fuel rotary engine for general aviation aircraft  
[NASA-TM-83429] p 539 N83-29235
- Multi-fuel rotary engine for general aviation aircraft  
[NASA-TM-85428] p 748 N83-36031
- JONES, C. M.**  
The C-9A interior noise evaluation  
[AD-A129256] p 770 N83-36852
- JONES, C. W.**  
Use of mixed performance criteria in gas turbine engine controller design  
p 612 A83-41482
- JONES, D. G.**  
Optical methods of flow diagnostics in turbomachinery  
p 62 A83-11076
- Some laser measurement techniques used in aero engine research  
[PNR-90118] p 68 N83-11486
- JONES, D. J.**  
Effects of manufacturing processes on structural allowables  
[AD-A122963] p 404 N83-23426
- JONES, F. L.**  
Experiments on the role of amplitude and phase modulations during transition to turbulence  
p 213 A83-14576
- JONES, F. P.**  
Development of a flight test maneuver autopilot for a highly maneuverable aircraft  
[AIAA PAPER 83-0061] p 168 A83-16493
- JONES, G. S.**  
Experimental studies of the separating confluent boundary-layer Volume 1 Summary  
[NASA-CR-3655] p 427 N83-26822
- JONES, J. E.**  
Plating on glass for hermetic seal  
[SAE PAPER 820613] p 696 A83-45871
- JONES, J. G.**  
On the energy characteristics of the aerodynamic matrix and the relationship to possible flutter  
p 715 A83-48144
- Dynamic response of aircraft with fluctuating flow fields  
p 341 N83-20897
- JONES, K.**  
Static aeroelastic analysis of flexible wings via NASTRAN, part 1  
[AD-A124682] p 477 N83-26099
- JONES, L.**  
Model of a cryogenic liquid-hydrogen pipeline for an airport ground distribution system  
p 648 A83-43841
- JONES, L. W.**  
Development of curves for estimating aircraft arresting hook loads  
[AD-A119551] p 156 N83-14119
- JONES, R.**  
Analysis of bonded repairs to damaged fibre composite structures  
p 209 A83-13200
- Analysis and repair of flaws in thick structures  
p 230 A83-21654
- Damage tolerance of fibre composite laminates  
p 636 N83-30533
- JONES, R. L.**  
Hot corrosion in gas turbines  
[AD-A127425] p 617 N83-30433
- JONES, R. R.**  
An experiment in assessment of flight control software development techniques  
p 71 A83-11177
- JONES, S. P.**  
Aerodynamic estimation techniques for aerostats and airships  
p 136 A83-18404

- Dynamics of the STARS aerostat  
[AIAA PAPER 83-1990] p 545 A83-38916
- JONES, T. J.**  
Exhaust nozzle concepts for STOL tactical aircraft  
[AIAA PAPER 83-1226] p 523 A83-39102
- Vectoring exhaust systems for STOL tactical aircraft  
[ASME PAPER 83-GT-212] p 744 A83-48013
- JONES, W. L.**  
Synthesis of conformal HF and VHF directional arrays on spherical bodies using surface resonator techniques  
p 181 A83-18679
- JONES, W. P.**  
Temperature and composition measurements in a research gas turbine combustion chamber  
p 445 A83-35790
- JONES, W. R., JR.**  
Ferromagnetic and spectrometer oil analysis from a failed gas turbine engine  
[NASA-TM-82956] p 218 N83-12433
- Analysis of a MIL-L-27502 lubricant from a gas-turbine engine test by size-exclusion chromatography  
[NASA-TP-2063] p 226 N83-16528
- JONKERS, H. L.**  
Digital calculation of the propagation in time of the aircraft gust response covariance matrix  
[VTH-LR-266] p 48 N83-10053
- JONKOUSKI, G. C.**  
The acoustic response of a propeller subjected to gusts incident from various inflow angles  
[AIAA PAPER 83-0692] p 366 A83-28010
- JOOS, R.**  
Design and manufacture of a transonic wind tunnel model and the investigation of model components under cryogenic flow conditions in the European transonic wind tunnel  
[BMFT-FB-W-82-015] p 181 N83-13078
- JORDAN, F. L., JR.**  
Investigation of some effects of humidity on aerodynamic characteristics on a 10-percent-thick NASA supercritical airfoil  
[NASA-TM-X-3355] p 4 N83-11018
- Investigation at near-sonic speed of some effects of humidity on the longitudinal aerodynamic characteristics of an NASA supercritical wing research airplane model  
[NASA-TM-X-2618] p 5 N83-11029
- Flow visualization of the wake of a transport aircraft model with lateral-control oscillations  
[NASA-TM-84623] p 491 N83-27951
- JORDAN, J.**  
Radar detection of wingtip vortices  
p 501 A83-38748
- JORGENSEN, D. P.**  
Feasibility test of an airborne pulse-Doppler meteorological radar  
p 566 A83-39872
- JORGENSEN, W. E.**  
Application of a hot gas high pressure rotary vane motor to aircraft APU starting  
[SAE PAPER 821464] p 534 A83-37997
- JOSHI, D. S.**  
Test demonstration of digital control of wing/store flutter  
p 383 A83-30163
- Comparison of the Bode envelope criterion with other criteria  
[AIAA PAPER 83-2073] p 624 A83-41910
- Development and application of digital control for tactical aircraft flutter suppression  
p 343 N83-22108
- Adaptive flutter suppression, analysis and test  
p 346 N83-22219
- JOSHI, M. C.**  
Sound propagation in segmented exhaust ducts - Theoretical predictions and comparison with measurements  
[AIAA PAPER 83-0734] p 366 A83-28016
- JOSLYN, H. D.**  
Negative incidence flow over a turbine rotor blade  
[ASME PAPER 83-GT-23] p 713 A83-47888
- Axial compressor middle stage secondary flow study  
[NASA-CR-3701] p 505 N83-29174
- JOU, W. H.**  
Calculation of transonic potential flow around a wing-body-tail combination  
[AD-A124247] p 378 N83-24482
- JOU, W. H.**  
An experience in mesh generation for three-dimensional calculation of potential flow around a rotating propeller  
p 501 A83-38798
- Finite volume calculation of three-dimensional potential flow around a propeller  
p 660 A83-45577
- JUBELIN, B.**  
Experimental methods in compressor noise studies  
[ONERA, TP NO 1983-79] p 769 A83-48194
- JUBERT, P.**  
Optimization of the supersonic drag of a smooth wing by use of linearized potential theory  
p 188 A83-20400

# PERSONAL AUTHOR INDEX

- JUERGENS, R. J.**  
Design impact of composites on fighter aircraft. I - They force a fresh look at the design process  
p 676 A83-46347
- Impact of composites on fighter aircraft. II - Composites New look to the aircraft production line  
p 711 A83-48889
- JUMPER, E. J.**  
Theoretical gust response prediction of a Joukowski airfoil  
p 580 A83-42536
- Wave drag prediction using a simplified supersonic area rule  
p 716 A83-48222
- Air Force Academy Aeronautics Digest, Fall/Winter, 1981  
[AD-A119168] p 176 N83-13066
- Air Force Academy Aeronautics Digest, Spring/Summer 1982  
[AD-A128248] p 577 N83-31571
- JUNKER, B.**  
Comparison of rotor analysis results with aerodynamic windtunnel data  
p 194 N83-17487
- K**
- KABESHOV, M. A.**  
Evaluation of the technical state of aircraft gas-turbine engines from thermogasdynamic parameters with allowance for the natural scatter of state parameters  
p 272 A83-23430
- KABUROV, I. S.**  
Investigation of flow past an aircraft wing section in flight and in a wind tunnel  
p 493 A83-37506
- KACPRZYNSKI, J. J.**  
Practical applications of fracture mechanics in aircraft and aerospace structural problems  
[AD-A116321] p 68 N83-11520
- KADRY, M.**  
Computational method of the drag of axisymmetric afterbodies in subsonic flow  
[AIAA PAPER 83-2079] p 578 A83-41913
- KAFKA, J.**  
Investigation methods on residual stresses in aero engines components  
p 449 A83-35879
- KAGA, M.**  
Rotor vibration caused by external excitation and rub  
p 187 N83-15637
- KAHANEK, V.**  
An instrument for recording the exceeding of specified levels of an operational parameter of an aircraft  
p 159 A83-16880
- KAHMANN, J.**  
Curvature transitions of composite curves and surfaces - Questions regarding details of computer-aided design  
p 235 A83-20398
- KAHN, M. M. S.**  
New considerations on scale extrapolation of wing pressure distributions affected by transonic shock-induced separations  
[NASA-CR-166426] p 608 N83-31597
- KALAFUS, R. M.**  
Differential operation of NAVSTAR GPS  
p 673 A83-46968
- KALETKA, J.**  
Correlation aspects of analytical, wind tunnel and flight test results for a hingeless rotor helicopter  
p 604 N83-30373
- KALLERGIS, M.**  
Experimental investigations concerning the noise produced by model propellers and propeller-driven small aircraft  
[DGLR PAPER 82-068] p 274 A83-24182
- KALLIO, R. L.**  
Modern technology and airborne engine vibration monitoring systems  
[AIAA PAPER 83-1240] p 444 A83-36303
- KALSHOVEN, A. W. B.**  
Calibration facilities for flight test equipment  
[NLR-MP-81029-U] p 159 N83-14125
- KALTON, G.**  
Estimating regression coefficients from clustered samples Sampling errors and optimum sample allocation  
[NASA-CR-166117] p 412 N83-25496
- KALUGIN, V. N.**  
Investigation of the possibility of reducing aerodynamic drag by a mechanism of initial vortex formations  
p 374 A83-30723
- KALVISTE, J.**  
Coupled static stability analysis for nonlinear aerodynamics  
[AIAA PAPER 83-2069] p 623 A83-41906

- KAMINER, A. A.**  
The effect of aerodynamic coupling between the blades of a cascade on the aerodynamic damping of blade vibrations and the onset of blade flutter  
p 182 A83-19312  
A test stand for studying transient phenomena in aerodynamic turbomachine cascades  
p 218 A83-20913
- KAMINO, K.**  
Experimental investigation on film cooling of a gas turbine blade  
p 199 A83-13346
- KAMINSKY, A. D.**  
The AMPS computer system Design and operation [ATC-110]  
p 220 A83-12887
- KAMONTAGNE, R. A.**  
CB agent threat to atmosphere inside Navy aircraft [AD-A127882]  
p 589 A83-31587
- KAMRADT, L.**  
On-board weight and center-of-gravity measurement system with tire-pressure monitoring  
p 725 A83-47216
- KAMSTRA, P.**  
Feasibility of dry lubrication for limited-duty gas turbine engines  
[AIAA PAPER 83-1130]  
p 475 A83-36405
- KAMURA, K.**  
Construction of an ice model basin at the Ship Research Institute of the Ministry of Transportation [NRC/CNR-TT-2066]  
p 631 A83-30436
- KAN, C.**  
Calculation of three-dimensional turbulent boundary layer on an infinite swept wing  
p 659 A83-44555
- KAN, H. P.**  
Fatigue sensitivity of composite structure for fighter aircraft  
p 152 A83-18402  
Statistical modeling of ballistic damage and residual strength in composite structures  
[AIAA 83-1002]  
p 351 A83-29790
- KANAI, K.**  
Synthesis of C(astensk)-model reference adaptive flight controller  
p 287 A83-26559
- KANDA, H.**  
Flow quality of NAL two-dimensional transonic wind tunnel Part 1 Mach number distributions, flow angularities and preliminary study of side wall boundary layer suction [NAL-TR-693]  
p 179 A83-12043
- KANDELAKI, A. SH.**  
The removal of metals from a jet fuel using a manganese catalyst  
p 350 A83-28775
- KANDIL, O. A.**  
Computational technique for three-dimensional compressible flow past wings at high angles of attack [AIAA PAPER 83-2078]  
p 578 A83-41912
- KANG, C. T.**  
Erosion-corrosion of coatings and superalloys in high velocity hot gases  
p 757 A83-49481
- KANG, Q.**  
Induced rolling moment on wings of a missile with tilt-wings in 'X-X' configuration at supersonic speeds  
p 627 A83-43689
- KANIA, W.**  
Wind-tunnel measurements of wing-buffet boundaries at subsonic and transonic speeds  
p 7 A83-10440
- KANIUKA, W. W.**  
New flight control technologies for future naval aircraft [AD-A128624]  
p 751 A83-34955
- KANNEMANS, H.**  
Laser Doppler measurements in transparent pump impellers  
p 216 A83-12272
- KANNING, G.**  
A Kalman filter algorithm for terminal-area navigation with sensors of moderate accuracy  
p 670 A83-45460  
Development and evaluation of a Kalman-filter algorithm for terminal area navigation using sensors of moderate accuracy [NASA-TP-2035]  
p 515 A83-29193
- KANURY, A. M.**  
Numerical calculations of turbulent buoyant flow in aircraft cabins [FAA-CT-82-61]  
p 319 A83-22170
- KAO, M. H.**  
Multiconfiguration Kalman filter design for high-performance GPS navigation  
p 257 A83-26262
- KAPLAN, R.**  
The transition and dynamics of bounded and free shear layers [AD-A118665]  
p 217 A83-12380
- KAPPETJUN, F. K.**  
Digital calculation of the propagation in time of the aircraft gust response covariance matrix [VTH-LR-266]  
p 48 A83-10053
- KAPRIELIAN, Z. JR.**  
Free wake aerodynamic analysis of helicopter rotors [AD-A129710]  
p 718 A83-36007
- KARAMCHETI, K.**  
Edge tones in high-speed flows and their application to multiple-jet mixing  
p 482 A83-36077
- KARASEV, V. A.**  
Preventing the strength failure of machines by vibrodiagnostic techniques. I  
p 182 A83-19313  
Preventing the strength failure of machines by vibrodiagnostic methods. II - The use of vibrodiagnostics for preventing the failure of certain parts and assemblies of gas-turbine engines  
p 182 A83-19314
- KARASK, A. A.**  
A study of the effect of the transverse sweep of delta wings on their vortex structures and aerodynamic characteristics in separated flows at low subsonic velocities  
p 178 A83-15096
- KARAYOSOV, R. K.**  
Method for calculating jet noise in the presence of a shielding surface  
p 570 A83-37253
- KARAYANAKIS, N. M.**  
Angle-of-attack feedback in manual aircraft control Piloting techniques and some flight training implications  
p 751 A83-34954
- KARCHMER, A.**  
The influence of inlet design on the aeroacoustic performance of a JT15D turbofan engine as measured in the NASA-Ames 40 x 80 foot wind tunnel [AIAA PAPER 83-0681]  
p 337 A83-28006
- KARCHMER, A. M.**  
Acoustic modal analysis of a full-scale annular combustor [AIAA PAPER 83-0760]  
p 481 A83-33486  
Acoustical modal analysis of the pressure field in the tailpipe of a turbofan engine [NASA-TM-83387]  
p 412 A83-25499
- KARL, R.**  
Differential-absorption LIDAR technology for light twin-engine aircraft operation [DE83-003888]  
p 410 A83-25232
- KARLASHOV, A. V.**  
A study of the corrosion activity of the fuselage condensate of passenger aircraft  
p 190 A83-15398
- KARMALI, M. S.**  
Modeling methodology for MLS range navigation system errors using flight test data [NASA-CR-166411]  
p 27 A83-11101  
Sensitivity analysis of helicopter IMC decelerating steep approach and landing performance to navigation system parameters [NASA-CR-166412]  
p 27 A83-11102
- KARPOVICH, P. A.**  
Effect of fuel composition on Navy aircraft engine hot section components [AIAA PAPER 83-1147]  
p 450 A83-36244
- KARPUK, M. E.**  
Improved combustion-turbine efficiency with reformed-alcohol fuels [DE83-005713]  
p 699 A83-33169
- KARWATH, K. E.**  
Observations regarding the MNPS in the North Atlantic and considerations concerning their applicability in the European air space I  
p 14 A83-13011
- KASPER, J.**  
Gas turbine demonstration of pyrolysis Derived fuels [DE82-007193]  
p 553 A83-28273
- KASPER, J. M.**  
Use of pyrolysis-derived fuel in a gas turbine engine [ASME PAPER 83-GT-96]  
p 755 A83-47942
- KASZEMEIK, K.**  
Design, construction, and operation of the calibration model for the DNW wind tunnel  
p 752 A83-47209
- KATT, D. R.**  
Advanced automatic terrain following/terrain avoidance control concepts study  
p 47 A83-11254  
Integrated GPS, DLMS, and radar altimeter measurements for improved terrain determination  
p 324 A83-29212
- KATZ, J.**  
Large-scale vortex-lattice model for the locally separated flow over wings  
p 177 A83-13127
- KATZ, R. H.**  
US national programs in ceramics for energy conversion  
p 756 A83-48308
- KAUFFMAN, R. E.**  
Spectrometer sensitivity investigations on the spectrometric oil analysis program [AD-A127969]  
p 638 A83-31752
- KAUFMAN, A.**  
Nonlinear structural and life analyses of a combustor liner  
p 65 A83-12764  
Turbine blade nonlinear structural and life analysis  
p 337 A83-29024  
Evaluation of inelastic constitutive models for nonlinear structural analysis  
p 703 A83-34357  
Simplified method for nonlinear structural analysis [NASA-TP-2208]  
p 703 A83-34372
- KAUFMAN, A. S.**  
ASPJ update counters the changing threat  
p 140 A83-16866
- KAUFMAN, H.**  
Implicit adaptive control for a class of MIMO systems  
p 169 A83-19031  
Model reference adaptive control in the presence of measurement noise  
p 568 A83-37128
- KAUSHAL, S. C.**  
Experimental investigation on the role of flexbars and metallic end seals in squeeze film dampers  
p 473 A83-35882
- KAVIAROV, V. I.**  
An experimental study of an annular film-evaporation combustion chamber in a low-power gas turbine engine  
p 273 A83-23443
- KAVOUSHI, S.**  
Software description for the O'Hare runway configuration management system Volume 1 Technical description [AD-A127398]  
p 631 A83-30442  
Software description for the O'Hare runway configuration management system Volume 2 Low-level pseudocode [AD-A127828]  
p 594 A83-31592
- KAWADA, H.**  
A study on the hydrogen-oxygen diffusion flame in high speed flow  
p 296 A83-26199
- KAWASHIMA, T.**  
Residual life prediction for jet engine rotor disks at elevated temperature  
p 472 A83-33974
- KAYSER, E. G.**  
Service life evaluation of rigid explosive transfer lines [NASA-TP-2143]  
p 608 A83-31596
- KAZA, K. R. V.**  
Bending-torsion flutter of a highly swept advanced turboprop [NASA-TM-82975]  
p 68 A83-11514
- KAZIN, S. B.**  
KC-135/CFM56 re-engine - The best solution [AIAA PAPER 83-1374]  
p 456 A83-36367
- KEAN, A.**  
Interchange of aircraft  
p 707 A83-45832
- KECECIOGLU, O.**  
Reliability of aircraft splines with or without a wear induction period [ASME PAPER 82-WA/DE-4]  
p 299 A83-25700
- KEDZERSKI, J.**  
The ULS experimental ultralight glider made of polymer composites I - Genesis of the program and construction of the glider  
p 189 A83-14621
- KEE, S. G.**  
A conceptual design program for educational purposes [AIAA PAPER 83-2473]  
p 727 A83-48339  
Guide for conceptual helicopter design [AD-A128974]  
p 734 A83-36024
- KEFFORD, B.**  
The UH-60A Black Hawk - A world-wide force multiplier  
p 30 A83-12934
- KEIENBURGH, K. H.**  
The interaction of high temperature corrosion and mechanical properties of alloys  
p 224 A83-21470
- KEISER, R. J.**  
High-temperature (649 deg C/1200 deg F) coatings for gas-lubricated foil bearings of the Navy's advanced auxiliary power unit concepts  
p 185 A83-15538
- KEITH, M. W.**  
Aerodynamic optimization, comparison, and trim design of canard and conventional high performance general aviation configurations [AIAA PAPER 83-0058]  
p 148 A83-16490
- KEITH, T. G.**  
Numerical simulation of electrothermal de-icing systems [AIAA PAPER 83-0114]  
p 428 A83-36043
- KELLER, J. L.**  
CAT detection and forecasting using operational NMC analysis data  
p 566 A83-38765
- KELLER, L. E.**  
Lubricants in bearings and absorbed materials on aircraft fuel lines by infrared emission Fourier microspectrophotometry  
p 220 A83-13455
- KELLER, R. A.**  
Relative cost and training effectiveness of the 6883 F-111 converter/light control system simulators as compared to actual equipment [AD-A123534]  
p 402 A83-24523
- KELLER, T. L.**  
Numerical simulation of the atmosphere during a CAT encounter  
p 565 A83-38764
- KELLERER, H.**  
Materials in the mirror of aviation criteria  
p 434 A83-33952
- KELLEY, B.**  
Helicopter evolution  
p 127 A83-18384

**KELLEY, H. J.**

- Altitude transitions in energy climbs p 287 A83-26604
- Optimal symmetric flight with an intermediate vehicle model [AIAA PAPER 83-2238] p 596 A83-41715
- Energy state revisited [AIAA PAPER 83-2138] p 598 A83-41960
- An on-board near-optimal climb-dash energy management [NASA-CR-169755] p 205 N83-16329
- KELLOGG, R. S.**
- A comparison of color versus black and white visual display as indicated by bombing performance in the 2B35 TA-4J flight simulator p 269 A83-26313
- Comparison of color and black-and-white visual displays as indicated by bombing performance in the 2B35 TA-4J flight simulator p 681 A83-44692
- KELLY, G. L.**
- A fast microprocessor communication network design for interprocessor communications for an integrated flight control system p 24 A83-11902
- Implementation of the DAST ARW II control laws using an 8086 microprocessor and an 8087 floating-point coprocessor p 71 A83-11910
- KELLY, H. N.**
- Flightweight radiantly and actively cooled panel Thermal and structural performance [NASA-TP-2074] p 68 N83-11513
- KELLY, J. R.**
- Effect of lead-aircraft ground-speed on self-spacing performance using a cockpit display of traffic information [NASA-TP-2194] p 736 N83-36028
- KELLY, T. C.**
- Wind-tunnel development of underwing leading-edge vortex generators on a NASA supercritical-wing research airplane configuration [NASA-TM-X-2808] p 6 N83-11032
- KELSEY, J. R.**
- Wellborne inertial navigation system [DE83-004012] p 594 N83-31593
- KEMP, W. B., JR.**
- Combined four-wall interference assessment in two-dimensional airfoil tests p 689 A83-45576
- KEMPF, G.**
- Influence of mathematic modelling of undercarriages on the prediction of aircraft loads due to damaged and repaired runways p 157 N83-15292
- KEMPF, J. M.**
- Air Force Academy Aeronautics Digest, Fall/Winter, 1981 [AD-A119168] p 176 N83-13066
- Air Force Academy Aeronautics Digest, Spring/Summer 1982 [AD-A128248] p 577 N83-31571
- KENDALL, J. M.**
- Free stream noise and transition measurements in a Mach 3.5 pilot quiet tunnel [AIAA PAPER 83-0042] p 171 A83-16482
- KENDZIORRA, E.**
- Navigation for balloon payloads - Recent experience with OMEGA in the US and a new slant range system p 514 A83-39814
- Guidance and control of a balloon-borne X-ray telescope with onboard and ground based computers p 530 A83-39823
- KENEHAN, J. G.**
- Scaled centrifugal compressor, collector and running gear program [NASA-CR-168167] p 617 N83-30432
- KENNEDY, J. B.**
- Evaluation of synthetic-fuel character effects on rich-lean stationary gas-turbine combustion systems Volume 2 Full-scale test program [DE83-902337] p 694 N83-34067
- KENNEDY, J. M.**
- Fracture behavior of hybrid composite laminates [AIAA 83-0804] p 350 A83-29736
- KENNEDY, P.**
- An evaluation of fretting at small slip amplitudes p 177 A83-17254
- KENNEDY, R. S.**
- A comparison of color versus black and white visual display as indicated by bombing performance in the 2B35 TA-4J flight simulator p 269 A83-26313
- Comparison of color and black-and-white visual displays as indicated by bombing performance in the 2B35 TA-4J flight simulator p 681 A83-44692
- KENNELLY, R. A., JR.**
- Improved method for transonic airfoil design-by-optimization [AIAA PAPER 83-1864] p 501 A83-38691
- Improved method for transonic airfoil design-by-optimization [NASA-CR-166497] p 583 N83-31578

**KENNON, S. R.**

- Efficient computational grid generation for three-dimensional aircraft configurations [AIAA PAPER 83-2557] p 729 A83-48376
- KERELIUK, S.**
- Development of the MICROSAS longitudinal flight control system for the augmentor wing aircraft [AD-A128331] p 629 N83-31608
- KERLICK, G. D.**
- A numerical study of Strake aerodynamics [AD-A125882] p 506 N83-29182
- KERN, F. A.**
- NTF model pressure measurements p 292 N83-18768
- KERN, F. V.**
- The 60-Hz to 400-Hz electrical power conversion [AD-A122040] p 302 N83-20007
- KERN, P. R. A.**
- Progress toward the analysis of complex propulsion installation flow phenomenon [AIAA PAPER 83-1367] p 421 A83-36363
- KERN, S. G.**
- The Air Force Global Weather Central computer flight planning system p 565 A83-38761
- KERR, A. B.**
- Plastic tooling for advanced composites p 222 A83-20481
- KERR, A. W.**
- The development of a system for interdisciplinary analysis of rotorcraft flight characteristics p 236 N83-17485
- KERR, T. H.**
- The role of the research establishments in the developing world of aerospace p 128 A83-18963
- KERR, W. B.**
- Integrated flight/propulsion control system architectures for a high speed aircraft [AIAA PAPER 83-2563] p 746 A83-49595
- KERSCHEN, E. J.**
- Noise generation by a finite span swept airfoil [AIAA PAPER 83-0768] p 366 A83-28023
- KERSHNER, D. D.**
- Miniature electro-optical air flow sensor [NASA-CASE-LAR-13065-1] p 413 N83-25539
- KERTON, I. M.**
- Operating instructions manual for Microprocessor Airborne Data Acquisition and Replay (MADAR) module [AD-A128558] p 648 N83-32031
- KESHOCK, E. G.**
- 'Scaling' analysis of the ice accretion process on aircraft surfaces [ASME PAPER 82-WA/HT-39] p 248 A83-25693
- KESKAR, D. A.**
- Estimation of nonlinear aerodynamics from transport airplane certification maneuvers - A system identification approach [AIAA PAPER 83 2065] p 627 A83-43811
- KESLER, D. F.**
- Test demonstration of digital control of wing/store flutter p 383 A83-30163
- Aircraft active controls - New era in design p 461 A83-35773
- Development and application of digital control for tactical aircraft flutter suppression p 343 N83-22108
- KETOLA, R. N.**
- Static and damage tolerance tests of an advanced composite vertical fin for L-1011 aircraft [AIAA 83-0970] p 328 A83-29780
- KEY, D. L.**
- The status of military helicopter handling qualities criteria p 50 N83-10065
- Helicopter simulation validation using flight data [NASA-TM-84291] p 204 N83-13112
- Helicopter simulation validation using flight data p 631 N83-30372
- KEYSER, G. L., JR.**
- Lightning attachment patterns and flight conditions for storm hazards, 1980 [NASA-TP-2087] p 139 N83-14077
- KHADER, M.**
- Natural frequency of rotating beams using non-rotating modes p 181 A83-18383
- Structural dynamics studies of rotating bladed-disk assemblies coupled with flexible shaft motions [AIAA PAPER 83-0919] p 392 A83-32787
- KHADRA, L.**
- Experiments on the role of amplitude and phase modulations during transition to turbulence p 213 A83-14576
- KHALKIN, A. V.**
- Analytical design of thin-wall wings at the drafting stage p 62 A83-10453
- KHAN, IU. N.**
- The effect of stringers on the stress-strain state near a hole or crack in an anisotropic plate p 556 A83-37516

**KHAN, M. R.**

- An optimality criterion method for structures with stress, displacement and frequency constraints [AIAA 83-0939] p 356 A83-29769
- KHANDELWAL, V. K.**
- Weather radar radomes and their maintenance p 3 A83-12658
- KHARIN, V. I.**
- Electrical, avionics, and sensor equipment of the Yak-40 aircraft / 2nd revised and enlarged edition/ p 208 A83-20390
- KHEIR, N. A.**
- On missiles modelling, simulation and evaluation in presence of noise and multi-source environment p 17 A83-10707
- KHOBAIB, M.**
- Accelerated corrosion testing [AD-A125639] p 553 N83-28211
- KHONKIN, A. D.**
- Calculation of a turbulent boundary layer of an incompressible fluid over swept wings of large aspect ratios p 495 A83-37803
- KIBENS, V.**
- Porous-plug flowfield mechanisms for reducing supersonic jet noise [AIAA PAPER 83-0774] p 281 A83-25959
- KIDWELL, G. H., JR.**
- Supersonic STOVL research aircraft [SAE PAPER 821375] p 517 A83-37965
- KIDWELL, J. R.**
- Design of a low emission combustor for an automotive gas turbine [AIAA PAPER 83-0338] p 179 A83-16664
- KIEKEBUSCH, B.**
- Aircraft with reduced longitudinal stability [BMFT-FB-W-82-004] p 53 N83-11145
- KIELB, R. E.**
- Bending-torsion flutter of a highly swept advanced turboprop [NASA-TM-82975] p 68 N83-11514
- KIENAPPEL, K.**
- The influence of blade tip geometry on the unsteady pressure distribution of a rotor blade Part 1 Rectangular tip [DFVLR-FB-82-11] p 14 N83-11091
- KIENHOLZ, D. A.**
- Finite element prediction of damping in beams with constrained viscoelastic layers p 66 N83-10223
- KIENHOLZ, T. L.**
- Advanced P-3 flight station studies p 195 A83-15429
- KIESLING, F.**
- Maintenance according to technical conditions p 489 A83-39221
- KIHARA, M.**
- Robust model following systems p 220 A83-16146
- Extended perfect model following p 235 A83-20289
- KIKKAWA, S.**
- Experimental investigation on film cooling of a gas turbine blade p 199 A83-13346
- KIKUCHI, K.**
- Rotor vibration caused by external excitation and rub p 187 N83-15637
- Calculation of damping derivatives for arbitrary 3-dimensional bodies using Newtonian impact theory [NAL-TR-722] p 244 N83-18660
- Finite element calculations for aerodynamic coefficients of 3-dimensional body in subsonic flow using Green's function method [NAL-TR-724] p 244 N83-18661
- A study of aerodynamic characteristics of wing-body combinations Part 1 Case of a mid-wing airplane [NAL-TR-729-PT-1] p 245 N83-18675
- KIKUCHI, T.**
- The estimation method on flutter boundary from subcritical random responses due to air turbulences Problems of test procedures and data analysis [NAL-TR-718] p 217 N83-17554
- KILGORE, R. A.**
- Cryogenic wind tunnels for high Reynolds number testing p 398 A83-32175
- Magnetic suspension and balance systems, a selected, annotated bibliography [NASA-TM-84661] p 549 N83-29273
- KILLIAN, M. J.**
- Conceptual kinematic design using homogeneous coordinate transformations [AIAA PAPER 83-2460] p 768 A83-48337
- KILVINGTON, J.**
- Perturbation adaptive array processor for airborne application p 320 A83-27913
- KIM, B. S.**
- Optimization of waverider configurations generated from axisymmetric conical flows p 715 A83-48134



# PERSONAL AUTHOR INDEX

KNABLE, N.

- KIM, W. S.**  
Evaluation of ultraviolet spectrophotometry for simultaneous analysis of alkylbenzenes, alkylanthracenes, alkylanthracenes/phenanthrenes and total aromatics in mid-distillate fuels [NASA-TM-83032] p 179 N83-15483
- KIM, Y. C.**  
Experiments on the role of amplitude and phase modulations during transition to turbulence p 213 A83-14576
- KIM, Y. S.**  
Helicopter-borne scatterometer [AD-A125796] p 562 N83-29561
- KIM, Y. W.**  
A new, diaphragmless, flexible, luminous shock tube p 290 A83-26131
- KIMBERLIN, R. D.**  
STOL attack aircraft design based on an upper surface blowing concept [AIAA PAPER 83-2535] p 729 A83-48369  
A flight test evaluation and analytical study of the Ball-Bartoe jetwing propulsive lift concept without ejector [AD-A121733] p 332 N83-20938
- KIMBLE, K. R.**  
Influence of multidroplet size distribution on icing collection efficiency [AIAA PAPER 83-0110] p 188 A83-16526
- KINEVYO, W.**  
Advanced Flight Control Actuation System (AFCAS -E/P) Fabrication and design verification testing of a dual mode electro/pneumatic actuator for the T-2C aircraft [AD-A119627] p 170 N83-14136
- KING, C. H.**  
P-static flight evaluation of a large jet aircraft p 588 N83-31230
- KING, J.**  
Plating on glass for hermetic seal [SAE PAPER 820613] p 696 A83-45871
- KING, L. D.**  
Flight test evaluation of Loran-C in Alaska p 671 A83-46955  
Alaska Loran-C flight test evaluation [AD-A128633] p 724 N83-34930
- KING, L. S.**  
Comparison of supercritical airfoil flow calculations with wind-tunnel results [AIAA PAPER 83-1688] p 503 A83-40472
- KING, R. L.**  
A production engineers view of advanced composite materials p 59 A83-11800
- KING, R. W.**  
A global HF telecommand system for long duration balloon flights p 514 A83-39813
- KINGLER, T. A.**  
Alternatives for jet engine control [NASA-CR-170100] p 338 N83-20945
- KINGSLEY, J. D.**  
Analysis, design, fabrication and testing of an optical tip clearance sensor [NASA-CR-165265] p 44 N83-11127
- KINLEY, W. R.**  
F/A-18A Inflight Engine Condition Monitoring System (IECMS) [AIAA PAPER 83-1237] p 453 A83-36300
- KINNUCAN, P.**  
Super choppers p 521 A83-38700
- KINOSHITA, K.**  
Traumatic occlusion of the vertebral artery caused by neck rotation [AD-A126922] p 606 N83-30409
- KIPERSZTOK, O.**  
Flight test of the 747-JT9D for airframe noise p 189 A83-13163
- KIPP, G. W.**  
Combat performance evaluation of fighter aircraft. A suite of FORTRAN-IV programs based on energy manoeuvrability theory [AD-A128263] p 608 N83-31599
- KIRAN, N. S.**  
Reliability and maintainability aspects of a 'fleet' of prototype helicopters p 2 A83-12654
- KIRCHNER, R. D.**  
Aircraft icing roughness features and its effect on the icing process [AIAA PAPER 83-0111] p 188 A83-16527
- KIRK, D. B.**  
Convair 990 transonic flow-field simulation about the forward fuselage [AIAA PAPER 83-1785] p 496 A83-38626
- KIRK, R. G.**  
Instabilities of geared couplings Theory and practice p 187 N83-15634
- KIRKLAND, J.**  
Airport community soundproofing and relocation study [PB82-259144] p 220 N83-18358
- KIRKPATRICK, D. L.**  
Towards the starship Enterprise - Are the current trends in defence unit costs inexorable? p 413 A83-31923
- KIRRMANN, C.**  
Calculation of the average slipstream of a propeller and its effect on the performance of an aircraft [ONERA, TP NO 1982-120] p 244 A83-24331  
Propeller mean slipstream computation Slipstream influence on aircraft performances [SNIAS-822-111-104] p 389 N83-23299
- KIRSTEN, P. W.**  
Predicted and flight test results of the performance and stability and control of the space shuttle from reentry to landing p 634 N83-30360
- KISELEV, A. F.**  
Calculation of a turbulent boundary layer of an incompressible fluid over swept wings of large aspect ratios p 495 A83-37803
- KISELEV, V. A.**  
Aircraft design (3rd revised and enlarged edition) p 726 A83-48100
- KISHIMOTO, M.**  
Electronic control of aircraft turbine engine p 683 A83-45600
- KISLIK, M.**  
Unified theory of motion of inner planets p 655 N83-30457
- KISNER, L. S.**  
Computer program to predict noise of general aviation aircraft. User's guide [NASA-CR-168050] p 238 N83-17242
- KITCHEN, R. A.**  
Subsonic diffuser development of advanced tactical aircraft [AIAA PAPER 83-1168] p 717 A83-49300
- KITE, P. C.**  
New target models for homing missile guidance [AIAA PAPER 83-2166] p 590 A83-41662
- KITIS, L.**  
Helicopter vibration reduction by local structural modification p 215 A83-16028  
Optimal passive frequency response control of helicopters by added structures p 526 N83-27976
- KITTLESON, J. K.**  
Holographic interferometry technique for rotary wing aerodynamics and noise [NASA-TM-84723] p 67 N83-10378  
A holographic interferometry technique for measuring transonic flow near a rotor blade [NASA-TM-84405] p 702 N83-34278
- KITTO, W. G.**  
Development of handling qualities testing in the 70's A new direction p 51 N83-10077
- KIZER, J. A.**  
Program for establishing long-time flight service performance of composite materials in the center wing structure of C-130 aircraft Phase 5 Flight service and inspection [NASA-CR-165770] p 227 N83-17600
- KJELGAARD, S. O.**  
Evaluation of a surface panel method coupled with several boundary layer analyses [AIAA PAPER 83-0011] p 474 A83-36039  
An experimental and theoretical investigation of thick wings at various sweep angles in and out of ground effect [NASA-TP-2068] p 9 N83-10016  
Low-speed aerodynamic characteristics of a highly swept, untwisted uncambered arrow wing [NASA-TP-2176] p 718 N83-36000
- KLAFIN, J. F.**  
Advanced flight control system study [NASA-CR-163120] p 170 N83-15316
- KLASSE, D. D.**  
Configuration selection and technology transition in 5000 SHP class engines [AIAA PAPER 83-1411] p 457 A83-36400
- KLEIBER, H.**  
A new generation of navigation and landing aids for aviation p 722 A83-47188
- KLEIDER, A.**  
Coherent, single-mode fiber optic for multifunction 10.6 micron helicopter avionics system p 706 A83-46639
- KLEIMENOV, G. N.**  
Aircraft electrical equipment p 162 A83-17125
- KLEIN, A.**  
The oil/air system of a modern fighter aircraft engine p 167 N83-15511
- KLEIN, J. R.**  
Status review of a supersonically-biased fighter wing-design study [AIAA PAPER 83-1857] p 521 A83-38684
- KLEIN, R. H.**  
Proposed MIL standard and handbook. Flying qualities of air vehicles Volume 1 Proposed MIL standard [AD-A123674] p 373 N83-24468
- Proposed MIL standard and handbook. Flying qualities of air vehicles Volume 2 Proposed MIL handbook [AD-A123726] p 441 N83-25704
- KLEIN, V.**  
Airplane model structure determination from flight data p 340 A83-29023  
Determination of aerodynamic parameters of a fighter airplane from flight data at high angles of attack [AIAA PAPER 83-2066] p 623 A83-41904  
An application of parameter identification to the oscillatory motion of an airplane at high C(L) [AIAA PAPER 83-2067] p 623 A83-41905  
Determination of airplane model structure from flight data using splines and stepwise regression [NASA-TP-2126] p 288 N83-19758
- KLEINER, C. T.**  
Usage of the SYSCAP II circuit analysis program to determine semiconductor failure threshold levels caused by lightning/EMP transients p 647 N83-31215
- KLEINSCHMIDT, M.**  
Software verification of a civil avionics AHR system p 364 N83-22138
- KLEMAN, B.**  
Laser safety of air bathymetry [FOA-C-30292-E1] p 478 N83-27210
- KLEMM, R.**  
Adaptive clutter suppression for airborne phased array radars p 320 A83-27919
- KLENK, H.**  
On aircraft test software for first line maintenance p 364 N83-22152
- KLENNER, J.**  
Design and manufacture of the Tornado carbon-fiber reinforced plastics taileron [DGLR PAPER 82-038] p 261 A83-24162
- KLEUSKENS, H. R.**  
En route Moving Target Detector (MTD) 2 Test and evaluation [FAA-RD-82-34] p 359 N83-21212
- KLIMA, Z.**  
Experimental verification of properties of S-N fatigue life gages for the purpose of a use of the gages as indicators of the relative severity of operating conditions p 398 A83-30514
- KLIMAS, P. C.**  
Modular asymmetric parachute for wind tunnel testing [DE82-003495] p 138 N83-15271
- KLINCK, D. M.**  
A combined hazard index fire test methodology for aircraft cabin materials, volume 1 [AD-A117448] p 15 N83-10025  
A combined hazard index fire test methodology for aircraft cabin materials, volume 2 [AD-A117449] p 15 N83-10026
- KLINE, G. N.**  
Microcomputer brings digital power to the small aircraft gas turbine [SAE PAPER 821402] p 533 A83-37975
- KLINE, J. F.**  
Incidence loss for fan turbine rotor blade in two-dimensional cascade [NASA-TP-2188] p 617 N83-30431
- KLINE, W. A.**  
Sampling strategies for monitoring noise in the vicinity of airports p 570 A83-37731
- KLINKER, F.**  
Analysis of possible interference in radio altimeters induced by a position marker system called RASP [NLR-TR-81135-U] p 38 N83-10043
- KLIJIKO, I. G.**  
Jet fuels based on West Siberian oils p 403 A83-32077
- KLIUSHKIN, A. P.**  
An experimental study of ball bearings in the combined supports of the rotors of gas-turbine engines p 640 A83-42144
- KLOMPAS, N.**  
Unbalance response analysis of a complete turbomachine p 228 A83-19674  
Effects of anomalous rotor joints on turbomachine dynamics [ASME PAPER 83-GT-175] p 761 A83-47974
- KLOPPER, G. H.**  
A numerical study of Strake aerodynamics [AD-A125882] p 506 N83-29182
- KLUSSMANN, W.**  
Regenerative shaft engines for helicopters, multipurpose and feeder service aircraft [DGLR PAPER 82-087] p 276 A83-24199
- KNABLE, N.**  
Differential operation of NAVSTAR GPS p 673 A83-46968

# KNAPP, L. G.

## KNAPP, L. G.

The helicopter preliminary design process  
p 385 A83-31812

## KNARR, R. C.

Dynamic taxi response (have bounce) testing of the C-5A aircraft  
[AIAA PAPER 83-1024] p 386 A83-32783

## KNAUER, K.

Aviation system technology from the point of view of the aircraft manufacturer  
[DGLR PAPER 82-025] p 242 A83-24152  
Ground and flight test techniques used for proof of structural integrity of the Tornado combat aircraft  
p 605 A83-30377

## KNAUS, A.

A technique to determine lift and drag polars in flight  
p 422 A83-36913

## KNAUSS, J. F.

Demonstration of reparability and repair quality on graphite/epoxy structural subelements  
p 186 A83-20485

## KNAUSS, W. G.

Observation of damage growth in compressively loaded laminates  
p 692 A83-46810

## KNAUTH, P.

Safety in the skies  
p 584 A83-41467

## KNIGHT, N. F., JR.

The dynamic collapse of a column impacting a rigid surface  
p 639 A83-40873

## KNIGHT, R. S.

Potential fuel savings through improved airframe maintenance  
p 188 A83-17456

## KNIP, G.

Technology and benefits of aircraft counter rotation propellers  
[NASA-TM-82983] p 44 A83-11129

## KNOLL, K.

Air Force Academy Aeronautics Digest, Fall/Winter, 1981  
[AD-A119168] p 176 A83-13066

## KNORR, R. J.

Life and reliability models for helicopter transmissions  
[NASA-TM-82976] p 67 A83-10425

## KNOTTS, L.

In-flight simulation at the U.S. Air Force and Naval Test Pilot Schools  
[AIAA PAPER 83-1078] p 436 A83-36206

## KNOX, C. E.

Planning fuel-conservative descents with or without time constraints using a small programmable calculator  
Algorithm development and flight test results  
[NASA-TP-2085] p 210 A83-17535  
Description of the computations and pilot procedures for planning fuel-conservative descents with a small programmable calculator  
[NASA-TM-85642] p 444 A83-25707

## KNUEPFER, U.

Development studies for incorporation of air transportation documentation in the building up of a transport information system  
p 249 A83-18703

## KO, T.

Design of helicopter rotor blades for optimum dynamic characteristics  
[NASA-CR-169940] p 266 A83-18716

## KOANDE, I. I.

Distribution of the load-carrying material in a minimum-weight wing in the case of constraints on strength and load-carrying capacity  
p 556 A83-37513

## KOBETT, W. F.

Compressed-air energy storage preliminary design and site development program in an aquifer Volume 5, Part 1 Turbomachinery design  
[DE83-004005] p 362 A83-22759

## KOBUS, D.

Helicopter performance computer programs  
[AD-A124603] p 527 A83-27981

## KOCH, W.

Eigenfunctions for liners in uniform mean flow ducts  
p 237 A83-19810

## KOCHER, J. A.

Integrated flight and fire control development and flight test on an F-15B aircraft  
p 20 A83-11160

## KOCUREK, J. D.

Velocity coupling A new concept for hover and axial flow wake analysis and design  
p 193 A83-17478

## KOEGEL, P.

Design and development of a small gasturbine engine Results today - A basis for design criteria of a next generation  
p 446 A83-35829

## KOELSCH, W. A.

Fault Detection/Location System for intermediate and tail rotor gearboxes  
p 299 A83-24835

## KOENIG, G.

The influence of defects on the operational strength of disks and wheels in engines  
p 472 A83-33964

## KOENIG, K.

Experience from flight flutter testing with tip vanes on Airbus  
p 730 A83-49183  
Aircraft dynamic response to damaged and repaired runways  
[AD-A124111] p 267 A83-19747

## KOENIG, R.

Increasing flight safety under shear wind conditions by modifying thrust regulation systems and existing cockpit instrumentation  
[DGLR PAPER 82-033] p 284 A83-24159

## KOENIG, R. J.

Airport noise Land-use compatibility by the year 2000  
[PB82-259151] p 220 A83-16359

## KOENIG, R. W.

Performance of high-altitude, long-endurance, turboprop airplanes using conventional or cryogenic fuels  
[NASA-TM-84534] p 207 A83-17530

## KOENIGSTEIN, D.

Damage of RFC surface layers by electrostatic charging  
p 649 A83-31169

## KOEPP, F.

DFVLR-remote slant visual range (SVR) and wind vector measuring systems  
p 565 A83-38750

## KOESTER, H.

Development of four profiles for an experimental propeller in the performance class of 750 PS  
[DGLR PAPER 82-067] p 243 A83-24181  
Development of two airfoil sections for helicopter rotor blades  
p 374 A83-31623

## KOFF, B. L.

Designing for fighter engine transients  
p 540 A83-29243

## KOFFEL, W. K.

Tip cap for a rotor blade  
[NASA-CASE-LEW 13654-1] p 164 A83-14129

## KOFMAN, V. M.

A critical approach to estimating the accumulation of the working medium mass and energy in the gas-air circuit of gas-turbine engines when analyzing transient regimes  
p 613 A83-42126

## KOFSKEY, M. G.

Effects of interstage diffuser flow distortion on the performance of a 15 41-centimeter tip diameter axial power turbine  
[NASA-TM-83359] p 394 A83-24505

## KOGLER, R. H.

Estimating roll coupling instability for highly augmented aircraft  
[AIAA PAPER 83-0366] p 169 A83-16673

## KOHARCHICK, A.

Reliability of aircraft splines with or without a wear induction period  
[ASME PAPER 82-WA/DE-4] p 299 A83-25700

## KOHL, F. J.

Reactions of NaCl with gaseous SO<sub>3</sub>, SO<sub>2</sub>, and O<sub>2</sub>  
[NASA-TM-83423] p 554 A83-29358

## KOHLMAN, D. L.

Performance improvements of single engine business airplanes by the integration of advanced technologies  
[DGLR PAPER 82-064] p 262 A83-24178  
A method of predicting flow rates required to achieve anti-icing performance with a porous leading edge ice protection system  
[NASA-CR-168213] p 668 A83-32782

## KOHN, J.

Aerodynamics propulsion and longitudinal control requirements for a tilt-nacelle V/STOL with control vanes submerged in the nacelle slipstream  
[AIAA PAPER 83-2513] p 728 A83-48357

## KOKORIN, V. V.

Complex optimization of engine systems for spacecraft control  
p 755 A83-48248

## KOKURINA, N. N.

The effect of slot suction on the aerodynamic characteristics of an airfoil at transonic velocities  
p 494 A83-37552

## KOLB, E. F.

Frangible microwave landing system (inverted azimuth waveguide array configuration)  
[DOT/FAA/RD-82/88] p 324 A83-20927

## KOLCUM, E. H.

USAF studying techniques to restore windshields  
p 2 A83-12324

## KOLESAR, C. E.

An airbody drag prediction technique for military airlifters  
[AIAA PAPER 83-1787] p 496 A83-38627

## KOLESOV, M. P.

A study of the effect of the combustion process on mass transfer in the primary zone of the combustion chamber of a gas-turbine engine  
p 614 A83-42150

## KOLKMAN, H. J.

Erosion of protective compressor coatings  
[NLR MP-87067-U] p 228 A83-17716

Creep and fatigue interactions in a nickel base superalloy  
[NLR MP-82003-U] p 234 A83-17903  
Coarsening and solutioning of precipitates in superalloys  
[NLR-TR-81114-U] p 404 A83-23422

## KOLLER, W. J.

Adjacent channel interference in the case of the precision distance measuring system DME/P  
p 258 A83-26480

## KOLLEY, A.

Welding of components made of the aluminum cast alloy A357  
p 698 A83-32715

## KOLOTNIKOV, M. E.

Estimation of the thermal fatigue strength of the blades of full-scale gas-turbine engines  
p 613 A83-41596

## KOMA, Y.

Automatic control of balloon altitude  
p 530 A83-39809

## KONARSKI, M.

Conceptual design, evaluation and research identification for Remote Augmented Propulsive Lift Systems (RALS) with ejectors for VTOL aircraft  
[NASA-CR-167906] p 202 A83-13103

## KONDO, H.

An engine installation for fan jet STOL aircraft using USB powered high lift system (I) engine matching test for circular confluent exhaust duct  
[NAL-TR 703] p 200 A83-12086

## KONDRASHOV, N. A.

Aircraft design (3rd revised and enlarged edition)  
p 726 A83-48100

## KONDRASHOV, N. S.

The interaction between a separated blade and the armor ring  
p 337 A83-28510

## KONIUKHOV, B. M.

Diagnostics of the conditions of gas turbine engines using models reflecting the dynamics of changes in the controlled parameters  
p 614 A83-42133

## KONONENKO, O. V.

Investigation of the possibility of reducing aerodynamic drag by a mechanism of initial vortex formations  
p 374 A83-30723

## KOPELEV, S. Z.

Analytical profiling of turbine blades  
p 200 A83 16010  
Profile losses during the release of air onto the surface of nozzle vanes  
p 418 A83-35590

## KOPICKI, T.

Discharge rate capability of nickel-cadmium aircraft batteries  
p 336 A83-27190

## KOPRIVA, D. A.

Pseudospectral calculation of shock turbulence interactions  
[NASA-CR-172133] p 491 A83-27952

## KORDULLA, W.

Computation of aerodynamic forces on bodies with non circular cross section in supersonic viscous flow  
[AIAA PAPER 83 2077] p 660 A83 45519

## KOREMURA, K.

Experiments of Omega for aviation  
p 255 A83 24862

## KORETSKY, D. S.

Tapered roller bearings for turbine engines  
p 641 A83 42559

## KORETZ, D. B.

Oceanic Area System Improvement Study (OASIS) Volume 8 Central East Pacific region flight cost model results  
[FAA EM-81-17-VOL-8] p 201 A83-16320

## KORKEGI, R. H.

The impact of CFD on development test facilities - A National Research Council projection  
[AIAA PAPER 83-1764] p 555 A83-37234

## KORN, A. E.

Design of helicopter rotor blades for optimum dynamic characteristics  
[NASA-CR 169940] p 266 A83-18716

## KORN, J. A.

Aspects of the T56 power section usage/operating costs  
[AIAA PAPER 83-1408] p 457 A83-36397

## KOROLEV, A. S.

A study of hypersonic low-density gas flows in low-pressure blowdown wind tunnels using pressure tanks  
p 373 A83-30680

## KOROLEVA, V. G.

Comparative analysis of the efficiency of practical realizations of the Kalman algorithm  
p 735 A83-48518

## KORPPOO, S.

'Larus' and 'VP 1' tested in winter 1982  
p 485 A83-34859

- KORSMO, M. T.**  
Aerodynamic characteristics of the AFFTC noseboom instrumentation unit, volume 1  
[AD-A18315] p 14 N83-11089
- KORTE, U.**  
Flight test experience with a digital integrated guidance and control system in a CCV fighter aircraft  
p 343 N83-22110
- KORVER, G. L.**  
Development of aircraft lavatory compartments with improved fire resistance characteristics Phase 4 Sandwich panel decorative ink development  
[NASA-CR-166432] p 296 N83-18851
- KOSANOVICH, N. S.**  
Compressed-air energy storage preliminary design and site development program in an aquifer Volume 5, Part 1 Turbomachinery design  
[DE83-004005] p 362 N83-22759
- KOSCHEL, W.**  
Method of thermodynamic function control and of damage analysis regarding aircraft engines with the aid of flight data recording systems p 613 A83-41850  
Operational engine usage p 540 N83-29246
- KOSHAR, A.**  
Microwave Landing System (MLS) channel plans and traffic loading  
[AD-A117597] p 28 N83-11110  
Microwave Landing System (MLS) channel plans and traffic loading  
[DOT/FAA/RD-81/113] p 146 N83-14097
- KOSHINUMA, T.**  
An engine installation for fan jet STOL aircraft using USB powered high lift system (I) engine matching test for circular confluent exhaust duct  
[NAL-TR-703] p 200 N83-12086  
Real-time simulation of jet engines with digital computer 1 Fabrication and characteristics of the simulator  
[NASA-TM-77081] p 684 N83-32809
- KOSIACHENKO, K. I. A.**  
Interference during flow around a wing and an axisymmetric nacelle p 578 A83-41879
- KOSMATKA, J.**  
The development of a generalized advanced propeller analysis system  
[AIAA PAPER 83-2466] p 746 A83-49581
- KOSO, D. A.**  
Low altitude navigation augmentation system  
[AD-A119700] p 147 N83-14100
- KOSTERIN, V. A.**  
The relationship between the aerodynamics of a combustion chamber and the dynamics of heat release  
p 273 A83-23446
- KOSTIN, I. D.**  
Preventing the strength failure of machines by vibrodiagnostic methods II - The use of vibrodiagnostics for preventing the failure of certain parts and assemblies of gas-turbine engines p 182 A83-19314
- KOSUT, R. L.**  
Old problem/new solutions - Motion cuing algorithms revisited  
[AIAA PAPER 83-1082] p 480 A83-36223  
Robust fault detection, isolation, and accommodation to support integrated aircraft control  
[AIAA PAPER 83-2161] p 619 A83-41661
- KOTANSKY, D. R.**  
V/STOL fountain force coefficient  
[AD-A126261] p 528 N83-29200
- KOTELNIKOV, V.**  
Unified theory of motion of inner planets  
p 655 N83-30457
- KOTLYAR, V. M.**  
Use of geochemical investigative methods for preliminary hygienic assessment of effect of airports on environment p 349 N83-22972
- KOTSCHOTE, J.**  
On the aerodynamics of over-the-wing nacelles supported on 'stub-wings'  
[AIAA PAPER 83-0538] p 150 A83-16774  
Wind tunnel tests of over-the-wing nacelles p 422 A83-36916
- KOTTAPALLI, S. B. R.**  
Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight p 433 A83-33506  
Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight p 435 A83-35948  
Coupled rotor/airframe vibration analysis  
[NASA-CR-3582] p 154 N83-14105
- KOTKIE, J. J.**  
Analysis of a turbine rotor containing a transverse crack at Oak Creek Unit 17 p 186 N83-15632
- KOU, Y. M.**  
Prediction of stagnation flow heat transfer on turbomachinery airfoils  
[AIAA PAPER 83-1173] p 420 A83-36259
- KOURTIDES, D. A.**  
Thermal performance of aircraft polyurethane seat cushions p 294 A83-23849  
Optimization of fire blocking layers for aircraft seating [SAWE PAPER 1468] p 585 A83-43742  
Fire resistant films for aircraft applications  
[NASA TM-84337] p 352 N83-22320
- KOVAL, L. R.**  
Noise transmission characteristics of advanced composite structural materials  
[AIAA PAPER 83-0694] p 306 A83-25915
- KOWALONEK, J. M.**  
FAA approved S-76A in-flight power assurance and trending procedure p 277 A83-24830
- KOZAK, A. A.**  
Experimental evaluation of inlet turbulence, wall boundary layer, surface finish, and fillet radius on small axial turbine stage performance  
[SAE PAPER 821475] p 534 A83-38001
- KOZAREV, L. A.**  
Characteristics of the occurrence and elimination of a stall in an axial-flow compressor in the presence of a rotating irregularity at the inlet p 613 A83-42132
- KOZEL, K.**  
Calculation of three-dimensional transonic flow over thin body (wing) p 662 A83-46499
- KOZEL, P. A.**  
Improved fatigue life tracking procedures for Navy aircraft structures  
[AIAA 83-0805] p 334 A83-29807
- KOZELSKII, E. I.**  
An experimental study of an annular film-evaporation combustion chamber in a low-power gas turbine engine p 273 A83-23443
- KOZLOWSKI, D. R.**  
The future for fighter aircraft p 186 A83-20597
- KRAAN, A. N.**  
Comparison of flight and wind tunnel buffeting measurements on the SAAB 105 aircraft p 604 N83-30369
- KRACHMALNICK, F. M.**  
Integrated control techniques p 567 A83-37102
- KRACHMAN, H. E.**  
The SKYEYE R-4E surveillance system p 601 A83-43705
- KRAFT, R. E.**  
Sound propagation in segmented exhaust ducts - Theoretical predictions and comparison with measurements  
[AIAA PAPER 83-0734] p 366 A83-28016
- KRAG, B.**  
Dynamic simulation in wind tunnels p 55 A83-11079  
Measurement of the flow-field behind harmonically oscillating gust generators in the model subsonic wind tunnel (MUK)  
[DFVLR-FB-82-26] p 315 N83-20920
- KRAIN, H.**  
A CAD method for centrifugal compressor impellers  
[ASME PAPER 83 GT-65] p 714 A83-47920
- KRAMBEER, K. D.**  
Flight-test results using nonlinear control with the F-8C digital fly-by-wire aircraft  
[AIAA PAPER 83-2174] p 619 A83-41669
- KRAMER, F.**  
A variable structure approach to robust control of VTOL aircraft p 544 A83-37145
- KRAMER, T. J.**  
Thermal design of standard avionics enclosures  
[SAE PAPER 820878] p 256 A83-25772
- KRAPIVSKII, P. L.**  
The theory for a flexible slat p 495 A83-37810
- KRAUS, E. F.**  
Application of advanced technologies to small, short-haul transport aircraft (STAT)  
[NASA-CR-152362] p 192 N83-12072
- KRAUS, J. M.**  
Traffic alert and collision avoidance system Developmental simulation  
[FAA-RD-82-49] p 260 N83-19732
- KRAUS, S.**  
Electromechanical control systems p 750 A83-47201
- KRAUS, W.**  
Delta canard configuration at high angle of attack p 285 A83-24650  
Stability and control for high angle of attack maneuvering p 50 N83-10069
- KRAUSMAN, J. A.**  
Dynamics of the STARS aerostat  
[AIAA PAPER 83-1990] p 545 A83-38916
- KRAUSPE, P.**  
A simple propulsion system model for the simulation of nonlinear dynamic thrust response  
[NASA TM-77053] p 393 N83-23310
- KRAUSS, A.**  
Evaluation of the pilot papers from the Spring 1981 SMP Meeting p 175 N83-15288  
Influence of mathematic modelling of undercarriages on the prediction of aircraft loads due to damaged and repaired runways p 157 N83-15292
- KRAUTER, A. I.**  
Digital system for structural dynamics simulation  
[NASA-CR-168019] p 174 N83-14139
- KRAUTH, A.**  
Development of high-temperature resistant, noncorrosible, nonmetallic ceramic materials, especially silicon nitride, for heat exchangers in gas turbine application  
[BMFT-FB-T-83-026] p 555 N83-29408
- KRAVETS, V. V.**  
Separated flows on a concave conical wing p 418 A83-35707
- KRECISZ, J.**  
Attempt to determine the power demand of a helicopter control system on the basis of flight tests p 45 A83-10439
- KREIDER, J. F.**  
Gunnison County airport terminal  
[DE83-004512] p 401 N83-23332
- KREIFELDT, J. G.**  
Simulation fidelity and numerosity effects in CDTI experimentation  
[NASA-CR-166459] p 358 N83-21209
- KREINDLER, E.**  
Optimal turning climb-out and descent of commercial jet aircraft  
[SAE PAPER 821468] p 519 A83-37999  
Minimum-fuel turning climbout and descent guidance of transport jets  
[NASA-TM-84289] p 217 N83-17552
- KREISSELMEIER, G.**  
Application of vector performance optimization to a robust control loop design for a fighter aircraft p 215 A83-21160  
Systematic computer aided control design p 342 N83-22097
- KREJSA, E. A.**  
Application of 3-signal coherence to core noise transmission  
[AIAA PAPER 83-0759] p 366 A83-28021  
Cross spectra between temperature and pressure in a constant area duct downstream of a combustor  
[AIAA PAPER 83-0762] p 481 A83-33487  
Correlation of core noise obtained by three signal coherence techniques  
[NASA-TM-83012] p 222 N83-12966  
Application of 3-signal coherence to core noise transmission  
[NASA-TM-83333] p 367 N83-23114  
Acoustical modal analysis of the pressure field in the tailpipe of a turbofan engine  
[NASA-TM-83387] p 412 N83-25499
- KRESS, J. W.**  
X-ray tomography applied to NDE of ceramics  
[ASME PAPER 83-GT-206] p 762 A83-48007
- KRESS, R. W.**  
Variable sweep wing design  
[AIAA PAPER 83-1051] p 438 A83-36461
- KRETSCHMER, D.**  
Some fuel effects on carbon formation in gas turbine combustors p 350 A83-29392  
The effects of fuel properties upon pollutants present in gas turbine aero-engines p 469 A83-35813
- KRETZ, M.**  
The impact of active control on helicopter handling qualities p 50 N83-10066
- KREUTZER, P.**  
TALIS - A proposed system for taxiway control p 513 A83-38934
- KRICHINSKII, I. S.**  
Optimization of the oil-change period for aircraft systems and units p 296 A83-26922
- KRIECHBAUM, G.**  
Development and testing of a high-technology amphibious flying vehicle p 724 A83-47192
- KRIEG, T. E.**  
The application of energy saving concepts to future fighter/attack aircraft design  
[AIAA PAPER 83-0092] p 149 A83-16516
- KRIEGER, R. B., JR.**  
Adhesive stress strain properties relative to fatigue life of titanium bonded to graphite reinforced plastic p 294 A83-23616
- KRIEGSMANN, J.**  
Development and fabrication of refractory bodies for gas turbine engines  
[BMFT FB-T-82-138] p 164 N83-14132
- KRIEGSMAN, B. A.**  
Benefits of integrating GPS and Inertial Navigation Systems p 324 A83-29214

## KRIJN, R.

### KRIJN, R.

The F29 flight test instrumentation and data processing system An overview of requirements, design and organization  
[NLR-MP-81035-U] p 209 N83-16340

### KRISHNEYSKII, N B

A finite-element study of the stress-strain state of the turbofan rotor of an aircraft gas-turbine engine  
p 274 A83-23515

### KRIVEC, D K

Effects of nacelle position and shape on performance of subsonic cruise aircraft  
[AIAA PAPER 83-1124] p 519 A83-38079

### KRIVOSHEI, V IA

A finite-element study of the stress-strain state of the turbofan rotor of an aircraft gas-turbine engine  
p 274 A83-23515

### KROEGER, A

Aircraft with reduced longitudinal stability  
[BMFT-FB-W-82-004] p 53 N83-11145

### KROGMANN, P

Transonic cryogenic test section for the Goettingen Tube Facility  
[NASA-TM-77050] p 401 N83-23328

### KROGMANN, U K

Introduction to optical rate sensors  
p 735 N83-34895

### KROHS, W D

Direct-current power supply units GVG 800/350  
p 746 A83-50115

### KROLIKOWSKI, R

Automatic plotting of the results of bench tests of turbine engines  
p 39 A83-10444

### KRONE, N J

Aerodynamics critical to the operations of tactical fighters from bomb damaged runways  
[AIAA PAPER 83-1861] p 521 A83-38688

### KROO, I M

PAN AIR modeling studies  
[AIAA PAPER 83-1830] p 498 A83-38660

### KROTHAPALLI, A

Edge tones in high-speed flows and their application to multiple-jet mixing  
p 482 A83-36077

### KROUTIL, J C

Response of a supersonic inlet to downstream perturbations  
[AIAA PAPER 83-2017] p 422 A83-36403

### KRUEGER, G P

Pursuit rotor tracking performance in conjunction with extended flight operations in a helicopter simulator  
[AD-A119237] p 293 N83-18772

### KRUEGER, S P

The super stallion  
p 435 A83-36075

### KRUH, P

A strategy for buildup to the operational Navstar GPS constellation  
p 672 A83-46961

### KRUMINS, M V

Hypersonic dynamic testing of ablating models with three-degree-of-freedom gas bearings  
p 753 A83-48135

### KRUMWEIDE, G C

Graphite/epoxy material characteristics and design techniques for airborne instrument application  
p 225 A83-22595

### KRUSE, R L

The effect of asymmetric attack on trim angle of attack  
[NASA-TM-84309] p 377 N83-24473

### KRYS, N H

Experimental testing of flying qualities theories  
[AD-A124699] p 440 N83-25697

### KRYWAY, J T

Advanced speech technology in fighter cockpits - A new perspective on issues and applications  
p 19 A83-11125

### KSIENSKI, A A

Jam resistant communications systems techniques  
[AD-A126217] p 563 N83-29579

### KU, T J

Numerical optimization techniques for bound circulation distribution for minimum induced drag of Nonplanar wings Computer program documentation  
[NASA-CR-3458] p 581 N83-30385

### KUAN-LIANG, G

Application of the finite element method to the solution of transient two-dimensional temperature field for air-cooled turbine blade  
p 301 N83-18958

### KUBICKI, P

Hybrid LTA vehicle controllability as affected by buoyancy ratio  
[NASA-CR-152344] p 204 N83-12099

### KUBOTA, H

Flat spin of slender bodies at high angles of attack  
p 286 A83-24879

### KUBOTA, S

Numerical calculations for performances of propellers in a static-state by vortex theory accounting of slipstream deformation and their companions with experiments  
p 189 A83-22072

### KUCHAR, A P

Scale model performance test investigation of mixed flow exhaust systems for an energy efficient engine /E3/ propulsion system  
[AIAA PAPER 83-0541] p 161 A83-16776

### KUCHARSKY, P

Experimental verification of properties of S-N fatigue life gages for the purpose of a use of the gages as indicators of the relative severity of operating conditions  
p 398 A83-30514

### KUENKLER, H

On the design philosophy of fighter aircraft engines  
[DGLR PAPER 82-073] p 275 A83-24187

### KUHLMAN, B P

Electromagnetic measurements of lightning attachment to aircraft  
p 647 N83-31199  
Airborne measurements of the nsetimes in lightning return stroke fields  
p 649 N83-31200  
Lightning field spectra obtained from airborne measurements  
p 649 N83-31201

### KUHLMAN, J M

Numerical optimization techniques for bound circulation distribution for minimum induced drag of Nonplanar wings Computer program documentation  
[NASA-CR-3458] p 581 N83-30385

Longitudinal aerodynamic characteristics of a wing-winglet model designed at  $M = 0.8$ ,  $C_{sub} L = 0.4$  using linear aerodynamic theory  
[NASA-CR-172188] p 666 N83-33854

### KUHLTHAU, A R

Identifying aircraft and airport compatibility - A straightforward approach to complexity  
[AIAA PAPER 83-1582] p 399 A83-33354

Interaction of the small commuter operation within the hub terminal  
[AIAA PAPER 83-1584] p 379 A83-33355

### KUHN, R E

A method for estimating the propulsion induced aerodynamic characteristics of STOL aircraft in ground effect  
[AIAA PAPER 83-0169] p 149 A83-16567

Characteristics of the ground vortex developed by various V/STOL jets at forward speeds  
[AIAA PAPER 83-2494] p 717 A83-49585

On the prediction of the lateral/directional characteristics of distributed jet STOL configurations  
[AD-A128902] p 688 N83-33905

### KULCHIKHIN, E T

The use of a structural model for determining the adaptability curve for turbine disks in stress concentration zones  
p 445 A83-35039

### KULFAN, R M

Aeroelastic loads prediction for an arrow wing Task 2 Evaluation of semi-empirical methods  
[NASA-CR-3641] p 316 N83-22184

### KULIFEV, IU B

Development of a mathematical model of a flight vehicle and the experimental verification of its reliability  
p 599 A83-42888

### KULIK, M M

Investigation of possible LTA craft application to solve national economy problems  
p 317 A83-28194

### KUMAR, A

On the damping effect of sloshing fluid on flexible rotor systems  
[ASME PAPER 82-DET-140] p 65 A83-12783

Numerical study of scramjet and ramjet flow fields  
p 685 N83-33887

### KUMAR, V A

Experimental investigation on the role of flexbars and metallic end seals in squeeze film dampers  
p 473 A83-35862

### KUNERT, W

Automation of preplanning as a means for improving quality in connection with flight operational control I  
p 317 A83-29372

Automation of preplanning as a means for enhancing quality in operational flight control II  
p 509 A83-39222

### KUNG, W L

Preliminary report on the engineering development of the Magnus Aerospace Corp LTA 20-1 heavy-lift aircraft  
p 327 A83-28193

Development of the Magnus Aerospace Corporation's rotating-sphere airship  
[AIAA PAPER 83-2003] p 523 A83-38922

### KUNZ, D L

A computational method for performing the multiblade coordinate transformation  
p 191 A83-16029

### KUO, P S

Utilization of computer aided design for the development of advanced turbomachinery components  
[SAE PAPER 821423] p 533 A83-37980

### KUPREEV, A I

Jet fuels based on West Siberian oils  
p 403 A83-32077

### KURBATOV, I S

Aircraft electrical equipment  
p 162 A83-17125

### KURFESS, J D

A hard X-ray experiment for long-duration balloon flights  
p 530 A83-39822

### KURIHARA, R A

The Northrop F-20 avionics mission simulator  
[AIAA PAPER 83-0142] p 171 A83-16551

### KURKOV, A P

Measurements of self-excited rotor-blade vibrations using optical displacements  
[NASA-TM-82953] p 183 N83-14523

### KUROSAKA, M

Unsteady swirling flows in gas turbines  
[AD-A128386] p 685 N83-32812

### KURYLOWICH, G

Aircraft vehicle equipment improvements via microprocessors  
[SAE PAPER 820868] p 263 A83-25767

### KURZ, K H

Improved fault detection in the hot section of turbojet engines by individual monitoring procedures  
p 210 A83-19666

### KURZINER, R I

Theory and design of flight-vehicle engines  
p 211 A83-22651

### KUSAKIN, S I

A supersonic velocity field in the region of interference between a wing and a body having a common apex  
p 495 A83-37802

### KUTAKHOV, V P

Lasers in aviation  
p 229 A83-20384

### KUTLER, P

A perspective of theoretical and applied computational fluid dynamics  
[AIAA PAPER 83-0037] p 179 A83-16477

### KUZHNIKOV, G M

A study of the statistical dynamics of flight vehicles  
p 396 A83-33009

### KUZNETSOV, A IA

Statistical estimation of the mean time-to-failure of an aircraft engine as a function of the cause of failure  
p 272 A83-23433

### KUZNETSOV, I E

Increasing the combustion efficiency of fuel in an air-heating chamber operating on a prevaporized fuel  
p 614 A83-42151

### KUZNETSOV, M M

Aerodynamic characteristics of thin wings in a nonequilibrium hypersonic gas flow  
p 495 A83-37840

### KUZNETSOV, N D

The strength of GTE structural elements under low-cycle loading  
p 615 A83-42877

### KUZNETSOV, V I

A method for calculating the parameters of a turbojet engine in the autorotation regime  
p 272 A83-23434

### KUZNETSOV, V M

The relationship between the aerodynamic and acoustic characteristics of coaxial jets  
p 482 A83-35712

### KUZNETSOV, V R

The formation of carbon monoxide during turbulent diffusion combustion  
p 758 A83-49769

### KWAN, A

Air transportable AS32/P-4 crash rescue vehicle  
[AD-A128068] p 669 N83-33864

### KWON, O K

Prediction of stagnation flow heat transfer on turbomachinery airfoils  
[AIAA PAPER 83-1173] p 420 A83-36259

### KWONG, W W

Service evaluation of airborne tire pressure indicating systems  
[DOT/FAA/RD-82/89] p 331 N83-20934

## L

### LA RUSSA, J

Two years of training with the first true three-dimensional simulator  
p 218 A83-22833

### LA VASSAR, L

A concept for reducing helicopter IFR landing weather minimums - Offshore  
p 24 A83-12099

A concept for reducing helicopter IFR landing weather minimums - Onshore  
p 199 A83-21034

### LAAN, J N

In-flight acoustic measurements in the engine intake of a Fokker F28 aircraft  
[AIAA PAPER 83-0677] p 279 A83-25909

- LAANANEN, D. H.**  
Application of the nonlinear finite element method to crashworthiness analysis of aircraft seats  
[AIAA 83-0929] p 318 A83-29855  
Computer simulation of an aircraft seat and occupant in a crash environment, volume 1  
[FAA-CT-82-33-1-VOL 1] p 319 N83-22171  
Computer simulation of an aircraft seat and occupant in a crash environment. Volume 2 Program SOM-LA user manual  
[FAA-CT-82-33-2-VOL-2] p 319 N83-22172
- LABORIE, J. P.**  
Impact of ergonomic studies on the design of civil aircraft cockpits p 267 N83-20184  
Replacement of electromechanical devices by cathode ray tubes  
[SNIAS-822 111 110] p 407 N83-23523
- LACEY, R. D.**  
The Avdel MBC aerospace blind riveting system p 62 A83-10870
- LACKEY, D.**  
Analytical modeling of transport aircraft crash scenarios to obtain floor pulses  
[NASA-CR-166089] p 381 N83-24488
- LACROIX, S. R.**  
Built-In Test Equipment (BITE) on the Garrett model GTPC331 APU digital electronic control unit  
[ASME PAPER 83-GT 186] p 742 A83-47892
- LADDA, V.**  
Operational loads at nose and main landing gear of an airplane of type Airbus A 300 B2 during normal service of the German Lufthansa  
[BMFT-FB-W-82-010] p 33 N83-11120
- LAFFLEN, J. H.**  
Turbine blade nonlinear structural and life analysis p 337 A83-29024
- LAFFLEN, J. R.**  
Equivalent damage A critical assessment  
[NASA-CR-167874] p 214 N83-17542
- LAFFRAMBOISE, J. E.**  
The Transportation Development Centre contribution to air cushion technology p 486 A83-35059
- LAGACE, L. J.**  
Digital system for structural dynamics simulation  
[NASA-CR 168019] p 174 N83-14139
- LAGACE, P. A.**  
Design technology of advanced composites  
[AD-A127892] p 638 N83-31735
- LAGAIN, G.**  
A reverse flow chamber for small turbomachines  
[ONERA, TP NO 1983-30] p 683 A83-44309
- LAGRANGE, J. P.**  
The matrix of axial and radial plays The present situation and perspectives p 541 N83-29253
- LAHEY, R. T. C.**  
A survey of serious aircraft accidents involving fatigue fracture Volume 1 Fixed-wing aircraft  
[NAE-AN-7] p 510 N83-29187  
A survey of serious aircraft accidents involving fatigue fracture Volume 2 Rotary-wing aircraft  
[NAE-AN-8] p 510 N83-29188
- LAHN, T. G.**  
Demonstration Advanced Avionics System (DAAS) function description  
[NASA-CR 166282] p 26 N83-10027  
Demonstration Advanced Avionics System (DAAS), phase 1  
[NASA-CR 166503] p 612 N83-31602
- LAIR, C. K.**  
The SKYEYE R-4E surveillance system p 601 A83-43705
- LAITONE, E. V.**  
Performance estimation for light propeller airplanes p 386 A83-32589
- LAKHIN, B. F.**  
A rapid method for determining the initial boiling point and the saturated-vapor pressure of petroleum products p 229 A83-20962
- LAKSHMIKANTAN, K.**  
Experimental investigation on the role of flexbars and metallic end seals in squeeze film dampers p 473 A83-35862
- LAKSHMINARAYANA, B.**  
Strut or guide vane secondary flows and their effect on turbomachinery noise p 190 A83-18414  
Blade loading and rotation effects on compressor rotor wake near end walls p 190 A83-22138  
End wall flow characteristics and overall performance of an axial flow compressor stage  
[NASA-CR-36711] p 427 N83-26819
- LALA, J. H.**  
Interactive reductions in the number of states in Markov reliability analysis  
[AIAA PAPER 83-2034] p 650 A83-41761
- LALLY, V. E.**  
The radiation controlled balloon (RACOON) p 524 A83-39803
- LAMAGNA, F.**  
Airport landside operations and air service  
[PB82-235946] p 218 N83-13320
- LAMAR, J. E.**  
Recent studies at NASA-Langley of vortical flows interacting with neighboring surfaces p 417 A83-33972
- LAMBERT, M.**  
Now is the time for new fighters p 262 A83-25137  
Apache on the war path - The Hughes AH-64 in production at last p 385 A83-31939  
The B-1 gets airborne again p 386 A83-31941  
The future of the manned aircraft p 416 A83-36960  
JVX - The world's first production tilt rotor? p 526 A83-40622  
PAH-2, HAP, HAC - Will they really get under way this time? p 729 A83-48641  
LHX The US Army wants 5,000 - Industry needs the business p 729 A83-48642
- LAMBERT, R. E.**  
Use of the onboard simulation concept for the integrated flight and fire control program p 22 A83-11201
- LAMBERTY, B. J.**  
Multimode planar spiral for DF applications p 430 A83-35089
- LAMBOURION, J.**  
Study of fan noise sources through thin film pressure transducers p 41 A83-12350
- LAMBOURNE, N. C.**  
Unsteady aerodynamic and aeroelastic properties on control surfaces in transonic flow p 314 N83-20902  
Wind tunnel wall interference in unsteady transonic testing p 346 N83-20905
- LAMBREGTS, A. A.**  
Vertical flight path and speed control autopilot design using total energy principles  
[AIAA PAPER 83-2239] p 622 A83-41716
- LAMDEN, D. I.**  
The distribution of the disperse fraction of a polydisperse jet injected into a gas flow p 473 A83-34472
- LAN, C. E.**  
Calculation of wing response to gusts and blast waves with vortex lift effect  
[NASA-CR-170340] p 408 N83-24796  
Calculation of lateral-directional stability derivatives of wings by a nonplanar quasi-vortex-lattice method  
[NASA-CR-165659] p 581 N83-30387
- LANCASTER, J. K.**  
Effects of amplitude of oscillation on the wear of dry bearings containing PTFE  
[ASME PAPER 81-LUB-6] p 64 A83-11942
- LANCASTER, J. W.**  
Naval Airship Program for Sizing and Performance (NAPSAP), computer program development Program update number 2  
[AD-A120830] p 191 N83-16293
- LANCRAFT, R.**  
An optimal control model approach to the design of compensators for simulator delay  
[NASA-CR 3604] p 32 N83-11113
- LANCRAFT, R. E.**  
A fault tolerant approach to state estimation and failure detection in nonlinear systems p 568 A83-37121
- LAND, K. L.**  
Electrical discharge machining of aluminum honeycomb core p 229 A83-20500
- LANDEL, R. F.**  
Rheological behavior of FM-9 solutions and correlation with flammability test results and interpretations p 691 A83-44856
- LANDIS, K. H.**  
A piloted simulator investigation of side-stick controller/stability and control augmentation system requirements for helicopter visual flight tasks  
[NASA-CR 172852] p 754 N83-36041
- LANDSBERGER, B. J.**  
Aerodynamic properties of straight and forward swept graphite/epoxy wings  
[AD-A127014] p 638 N83-31734
- LANDY, M. A.**  
Durability and damage tolerance control plans for U.S. Air Force aircraft p 594 A83-41045
- LANG, W.**  
An interactive system for transformation of known measures long internal surface of cylinders model for shafts  
[ISD-294] p 233 N83-17748
- LANGANKE, J.**  
Development of maintenance concepts for Navy ATE p 1 A83-10778
- LANGE, E.**  
Gas turbine parts made of injection molded silicon nitride  
[BMFT-FB-T-83-021] p 539 N83-29240  
Gas turbine parts made of injection molded silicon nitride and brazing of silicon nitride with metal  
[BMFT-FB-T-83-028] p 554 N83-29377
- LANGE, G.**  
Studies of damage involving aircraft components p 317 A83-29371
- LANGE, H. H.**  
Handling qualities aspects of CTOL aircraft with advanced flight controls p 50 N83-10064
- LANGE, R. H.**  
Design integration of laminar flow control for transport aircraft  
[AIAA PAPER 83-2440] p 731 A83-49577
- LANGENBECK, S. L.**  
Investigation of the fatigue and crack propagation properties of X7091-77E69 extrusion p 550 A83-37836
- LANGER, H. J.**  
Comparison of rotor analysis results with aerodynamic windtunnel data p 194 N83-17487  
Correlation aspects of analytical, wind tunnel and flight test results for a hingeless rotor helicopter p 604 N83-30373
- LANGER, M.**  
Development of ceramic automobile turbine engine components  
[BMFT-FB-T-83-025] p 554 N83-29407
- LANGLET, J.**  
Replacement of electromechanical devices by cathode ray tubes  
[SNIAS-822-111 110] p 407 N83-23523
- LANGRAND, A.**  
AISA Program for automated treatment of aeronautical data p 462 A83-35598
- LANGSTON, P. R.**  
Kevlar aramid as a fiber reinforcement with emphasis on aircraft p 552 A83-40286
- LANSFORD, J. L.**  
Technology upgrade to ALR-46 and ALR-69 radar warning receivers p 18 A83-11102
- LAPIN, A. A.**  
The tasks and organization of the flight testing of airplanes and helicopters p 674 A83-43901
- LAPP, H.**  
Real time reconnaissance - A systems look at advanced technology p 200 A83-22576
- LAPRAD, R. F.**  
Sensor failure detection for jet engines  
[NASA-CR-168190] p 699 N83-33182
- LARGE, R.**  
Wind tunnel investigation of the transonic aerodynamic characteristics of forward swept wings p 190 A83-22153
- LARKIN, R. J.**  
A comparison of audio, visual and tactile warning devices in a simulated flight environment  
[AD-A128200] p 669 N83-33862
- LAROCHE, P.**  
Laboratory and in flight passive dischargers characterization  
[ONERA, TP NO 1983-54] p 719 A83-48176
- LARSEN, J. M.**  
Life prediction for turbine engine components p 474 A83-36174
- LARSON, E. S.**  
Embedded flow characteristics of sharp-edged rectangular wings p 190 A83-22152
- LARSON, J. C.**  
Demonstration Advanced Avionics System (DAAS) function description  
[NASA-CR-166282] p 26 N83-10027  
Demonstration Advanced Avionics System (DAAS), phase 1  
[NASA-CR-166503] p 612 N83-31602
- LARSON, R. R.**  
Flight test results using nonlinear control with the F-8C digital fly-by-wire aircraft  
[AIAA PAPER 83-2174] p 619 A83-41669  
NASA/RAE collaboration on nonlinear control using the F-8C digital fly-by-wire aircraft  
[NASA-TM-84296] p 396 N83-23316
- LASAGNA, P. L.**  
In flight acoustic test results for the SR-2 and SR-3 advanced-design propellers  
[AIAA PAPER 83-1214] p 452 A83-36286  
A preliminary comparison between the SR-6 propeller noise in flight and in a wind tunnel  
[NASA-TM-83341] p 412 N83-24287
- LASCHKA, B.**  
The way to the supercritical wing p 661 A83-46483

- LASHKOV, V. A.**  
Aerodynamic drag in two-phase flows p 135 A83-17408
- LASSER, R.**  
Measurements of secondary flows within a cascade of curved blades and in the wake of the cascade [ASME PAPER 83-GT-24] p 713 A83-47889
- LASTRINA, F. A.**  
Separation characteristics of the T700 engine inlet particle separator p 336 A83-27479
- LATHAM, R. A.**  
A NASTRAN model of a large flexible swing-wing bomber Volume 2 NASTRAN model development-horizontal stabilizer, vertical stabilizer and nacelle structures [NASA-CR-170392-VOL-2] p 154 A83-14108  
A NASTRAN model of a large flexible swing-wing bomber Volume 3 NASTRAN model development-wing structure [NASA-CR-170392-VOL-3] p 154 A83-14109  
A NASTRAN model of a large flexible swing-wing bomber Volume 4 NASTRAN model development-fuselage structure [NASA-CR-170392-VOL-4] p 154 A83-14110  
A NASTRAN model of a large flexible swing-wing bomber Volume 5 NASTRAN model development-fairing structure [NASA-CR-170392-VOL-5] p 154 A83-14111
- LAUFER, J.**  
Noise generation by a low-Mach-number jet p 769 A83-49462  
The transition and dynamics of bounded and free shear layers [AD-A118665] p 217 A83-12380
- LAVOIE, J. E.**  
Atmospheric electricity hazards protection program p 649 A83-31165
- LAZRUKHINA, M. P.**  
The relationship between the aerodynamic and acoustic characteristics of coaxial jets p 482 A83-35712
- LAW, C. H.**  
The use of vortex generators as inexpensive compressor casing treatment p 459 A83-26798
- LAW, M. R. P.**  
The influence of helicopter operating conditions on rotor noise characteristics and measurement repeatability [AD-A121426] p 310 A83-20707
- LAW, R. D.**  
Early experience in using the Cryogenic Test Facility at RAE Bedford, England p 465 A83-25726
- LAW, W. C.**  
The remote link unit. A demonstration of operational performance Part 3 Design manual, volume 1 [AD-A124621] p 476 A83-25934  
The remote link unit. A demonstration of operational performance Part 3 Design manual Volume 2 Appendices A - C [AD-A124622] p 476 A83-25935  
The remote link unit. A demonstration of operational performance Part 2 User's manual [AD-A124620] p 476 A83-25938  
The remote link unit. A demonstration of operational performance, part 1 [AD-A124619] p 476 A83-25939
- LAWING, P. L.**  
Investigation of the effects of upstream sidewall boundary-layer removal on a supercritical airfoil [AIAA PAPER 83-0386] p 133 A83-16686
- LAWLEY, M. W.**  
ASTF test instrumentation system detail design p 54 A83-11059
- LAWRENCE, G. B.**  
PETTS / Programmable Engine Trim Test Set/ p 54 A83-10752
- LAYCOCK, J.**  
Recommended colours for use on airborne displays [RAE-TR-82110] p 610 A83-30411
- LAYTON, D. M.**  
The lateral response of an airship to turbulence [AIAA PAPER 83-1989] p 502 A83-38915  
A conceptual design program for educational purposes [AIAA PAPER 83-2473] p 727 A83-48339
- LAZAREV, I. A.**  
The development of a central electrical generating system for transport vehicles p 300 A83-26885
- LE BALLEUR, J. C.**  
Calculation method for transonic separated flows over airfoils including spoiler effects [ONERA, TP NO 1982-66] p 177 A83-14526
- LE CHEVALIER, F.**  
An auxiliary passive microwave navigation system [ONERA, TP NO 1982-83] p 185 A83-14535
- LEA, W.**  
Application of advanced speech technology in manned penetration bombers [AD-A119274] p 219 A83-13344
- LEARMAN, I.**  
The use of production hardware for the development of control laws [ASME PAPER 83-GT-6] p 737 A83-47879
- LEATHERWOOD, J. D.**  
Interior noise considerations for advanced high-speed turboprop aircraft p 675 A83-43970  
Operational military helicopter interior noise and vibration measurements with comparisons to noise quality criteria [AIAA PAPER 83-2526] p 728 A83-48364  
Interior noise and vibration measurements on operational military helicopters and comparisons with various noise quality criteria [NASA-TM-84664] p 653 A83-32518
- LEAVITT, L. D.**  
Effects of various empennage parameters on the aerodynamic characteristics of a twin-engine afterbody model [AIAA PAPER 83-0085] p 130 A83-16511  
Advanced technology exhaust nozzle development [AIAA PAPER 83-1286] p 496 A83-38080  
Effects of twin-vertical-tail parameters on twin-engine afterbody/nozzle aerodynamic characteristics [NASA-TP-2158] p 377 A83-24478  
Effect of empennage location on twin-engine afterbody-nozzle aerodynamic characteristics at Mach Numbers from 0.6 to 1.2 [NASA-TP-2116] p 424 A83-25666
- LEAVY, W. P.**  
Improved g-cueing system p 53 A83-10178
- LEBACQZ, J. V.**  
A summary of NASA/FAA experiments concerning helicopter IFR airworthiness criteria p 584 A83-41079  
Ground simulation investigation of helicopter decelerating instrument approaches p 668 A83-45461  
A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 1 Technical discussion and results [NASA-TM-84258-PT-1] p 48 A83-10049  
A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 2 Supporting data [NASA-TM-84258-PT-2] p 48 A83-10050  
NASA/FAA experiments concerning helicopter IFR airworthiness criteria [NASA-TM-84388] p 688 A83-33904
- LECHNER, W.**  
Investigations on four-dimensional guidance in the TMA p 326 A83-22187  
Flight testing of inertial navigation systems Hardware and software description [ESA-TT-772] p 515 A83-27974
- LECINA, G.**  
Optimization of aircraft structures p 64 A83-11857
- LECLERE, G.**  
ONERA test facilities for propellers and rotors [ONERA, TP NO 1982-121] p 276 A83-24332  
Weather hazard simulation in the Modane wind-tunnels [NASA-TM-77069] p 631 A83-30438
- LECOMTE, P.**  
The transport aircraft of tomorrow - A single element of an overall system p 128 A83-19410
- LECUYER, M. R.**  
Stagnation region gas film cooling Effects of dimensionless coolant temperature [NASA-CR-168197] p 645 A83-30960
- LEDBETTER, H. M.**  
Physical properties data compilations relevant to energy storage Part 5 Mechanical properties data on alloys for use in flywheels [PB82-232919] p 296 A83-18904
- LEE, B. H. K.**  
A Canadian approach to flutter clearance for external stores p 345 A83-22216
- LEE, C. P.**  
A computer model for gas turbine blade cooling analysis [ASME PAPER 82-JPGC-GT-6] p 279 A83-25267
- LEE, D.**  
Rotor redesign for a highly loaded 1800 ft/sec tip speed fan 3 Laser Doppler velocimeter report [NASA-CR-167954] p 163 A83-14128
- LEE, E.**  
Avoidance maneuvers selected while viewing cockpit traffic displays [NASA-TM-84269] p 16 A83-11098
- LEE, G.**  
Laser holographic interferometry for an unsteady airfoil in dynamic stall [AIAA PAPER 83-0388] p 179 A83-16688
- LEE, G. K. F.**  
Investigation of time-to-go algorithms for air-to-air missiles p 511 A83-37137  
Output feedback pole assignment under system variation p 704 A83-44948
- LEE, H. P.**  
Advanced flight control system study [NASA-CR-163117] p 205 A83-13113
- LEE, H. Q.**  
Helicopter IFR approaches into major terminals using RNAV, MLS, and CDTI p 584 A83-41042  
Mixing 4D equipped and unequipped aircraft in the terminal area [AIAA PAPER 83-2240] p 591 A83-41717
- LEE, J.**  
Effects of wind on the aircraft optimum cruise performance and flight performance advisory systems for F-4E and F-5E aircraft [AD-A125587] p 527 A83-27984  
Prediction of natural convection flow pattern in low-aspect ratio enclosures p 561 A83-28364
- LEE, K. D.**  
Patched coordinate systems p 568 A83-38785
- LEE, K. J.**  
Electrical resistance testing of antistatic bench and floor surface material after laying [AD-A125423] p 548 A83-28007
- LEE, R. A.**  
USAF bioenvironmental noise data handbook Volume 172 Hush-noise suppressor (Aero Systems Engineering, Incorporated) far-field noise [AD-A118773] p 223 A83-12973  
Far-field acoustic data for the Texas ASE, Inc Hush-House, supplement [AD-A128844] p 412 A83-24289
- LEE, R. E.**  
Application of optimization to aircraft engine disk synthesis p 162 A83-18213
- LEE, R. N.**  
Composite design of an advanced airborne monitoring system [DE82-006980] p 235 A83-18106
- LEE, R. S.**  
Full-flow debris monitoring and fine filtration for helicopter propulsion systems p 278 A83-24838
- LEE, R. W.**  
NASA airborne Doppler lidar program Data characteristics of 1981 [NASA-CR-170667] p 220 A83-13706
- LEE, S. M.**  
Fracture tough composites - The effect of toughened matrices on the mechanical performance of carbon fiber reinforced laminates p 294 A83-23642
- LEE, S. Y.**  
Acoustic environment on the surface of a large-scale powered model of a vectored-engine-over-the-wing STOL configuration p 73 A83-10272
- LEE, W. H.**  
Multivariable stability margins for vehicle flight control systems p 285 A83-24815
- LEE, W. N.**  
NOVA-2S correlation with KC-135A fuselage shock tube test results [AD-A124013] p 466 A83-25732
- LEEBEEK, H. J.**  
Operational lighting at the Air Traffic Control Center (MILATCC) at New-Milligen [IZF-1982-28] p 698 A83-33035
- LEFANDE, J. M.**  
Effects of metric change on safety in the workplace for selected occupations [AD-A118595] p 216 A83-12279
- LEFAS, C. C.**  
Use of aircraft-derived data to assist in ATC tracking systems II - Some practical tracking filters p 24 A83-11557
- LEFEBVRE, A. H.**  
Further studies on the prediction of spray evaporation rates p 468 A83-35811  
Influence of atomizer design features on mean drop size p 612 A83-40865  
Spontaneous ignition characteristics of hydrocarbon fuel-air mixtures p 554 A83-29231
- LEFFLER, M. F.**  
Four-dimensional flight management using colour CRT displays p 681 A83-44689
- LEGNORE, R.**  
Noise generated by a propeller or a helicopter rotor p 41 A83-12343
- LEGG, R. L.**  
Advanced composite aileron for L-1011 transport aircraft. Aileron manufacture [NASA-CR-165718] p 635 A83-30522



- LEGRO, J. R.**  
Reformed alcohol fuels for combustion turbines  
Technical and economic feasibility assessment  
[DE82-013921] p 694 N83-34071
- LEHMAN, A. F.**  
An experimental study of a high rotational speed propulsor  
[AD-A126060] p 539 N83-29238
- LEHTOMAKI, N. A.**  
Multivariable stability margins for vehicle flight control systems  
p 285 A83-24815
- LEIGHTON, K. P.**  
A comparison of model helicopter rotor Primary and Secondary blade/vortex interaction blade slap  
[AIAA PAPER 83-0723] p 307 A83-25934
- LEIMER, G.**  
Development of high strength silicon carbide materials for gas turbine applications, phase 2  
[BMFT-FB-T-82-140] p 164 N83-14133
- LEIS, B.**  
Discussion of the short crack effect in airframe materials and components  
p 680 N83-34110
- LEISTNER, R.**  
Studies concerning model technology in the European Transonic Wind Tunnel (ETW)  
p 752 A83-47197  
Design and manufacture of a transonic wind tunnel model and the investigation of model components under cryogenic flow conditions in the European transonic wind tunnel  
[BMFT-FB-W-82-015] p 181 N83-13078
- LEKOUZIS, S. G.**  
Boundary layer calculations in the inverse mode for incompressible flows over infinite swept wings  
[AIAA PAPER 83-0454] p 137 A83-19590
- LEKUCH, H.**  
Selecting shock and vibration isolators  
p 697 A83-46346
- LEMAIRE, D. A.**  
A projected large low-speed wind tunnel to meet Australian requirements Aerodynamics note  
[AD-A118913] p 209 N83-13125
- LEMAIRE, G. K.**  
A system dynamics policy analysis model of the Air Force engine management system  
[AD-A122829] p 339 N83-20950
- LEMOINE, B.**  
Study of a hypetrochoidal compressor with paddles  
p 354 A83-28634
- LEMON, D. K.**  
Develop in-flight acoustic emission monitoring of aircraft to detect fatigue crack growth  
p 195 A83-15197
- LEN, A. D.**  
A test stand for studying transient phenomena in aerodynamic turbomachine cascades  
p 218 A83-20913
- LENA, P.**  
Astroplane - The Airbus proposal  
p 573 A83-40456
- LENAHAN, D. T.**  
Air modulation apparatus  
[NASA-CASE-LEW-13524-1] p 645 N83-30957
- LENORT, F.**  
Some comments on a mathematical model of the static performance curve of a turbojet engine  
p 199 A83-14625
- LENSCHOW, D. H.**  
The use of pressure fluctuations on the nose of an aircraft for measuring air motion  
p 566 A83-39118
- LENSKI, J. W., JR.**  
Developments in the design, analysis, and fabrication of advanced technology transmission elements  
p 298 A83-24832
- LEONARD, A.**  
Numerical simulation of vortex breakdown by the vortex-filament method  
[NASA-TM-84334] p 563 N83-29636
- LEONARD, J. B.**  
Electromechanical primary flight control activation systems for fighter/attack aircraft  
[SAE PAPER 821435] p 518 A83-37983
- LEONARD, T.**  
A study of wavelength division multiplexing for avionics applications  
[AD-A125749] p 530 N83-27990
- LEONE, J. F.**  
The design and construction of a low power gas turbine for solar energy conversion - An analytical model of operation of the installation in a variable mode  
p 361 A83-28847
- LEONG, P. J.**  
Integrated electrical power and avionics control system  
p 40 A83-11205
- LEONTEV, E. A.**  
Sound propagation in ducts with impedance walls in the presence of an air flow II - Optimization of acoustic attenuation in ducts  
p 570 A83-37512
- LEOPARDI, A. M.**  
High speed data link concepts for military aircraft  
p 36 A83-11233
- LEPICOVSKY, J.**  
Noise and flow structure of a tone-excited jet  
p 221 A83-13138  
Aerodynamic measurements about a rotating propeller with a laser velocimeter  
[AIAA PAPER 83-1354] p 421 A83-36355  
Tone-excited jet: Theory and experiments  
[NASA-CR-3538] p 222 N83-12968
- LERAT, J.**  
Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison of the wing pressure distribution and local wake survey from analytical, wind tunnel and flight results  
p 603 N83-30362
- LEREIM, J.**  
Fracture mechanics in design - Particular reference to the thickness effect on the risk of unstable fracture  
p 558 A83-39547
- LENER, E. J.**  
The automated cockpit  
p 208 A83-20849
- LESJUK, A.**  
Accelerated life tests of aircraft thermocouples  
p 34 A83-10442
- LESLIE, P. J.**  
Design-to-cost in the application of advanced composite technology  
[SAWE PAPER 1480] p 654 A83-43749
- LESTER, H. C.**  
The design and flight test of an engine inlet bulk acoustic liner  
[AIAA PAPER 83-0781] p 281 A83-25963
- LETH, O.**  
Feasibility of establishing a correlation between boundary layer growth and upstream shock conditions  
[AD-A126909] p 646 N83-30968
- LEUCHTER, O.**  
Experimentation with turbulent flows experiencing the effects of an adverse pressure gradient  
[ONERA, TP NO 1983-36] p 659 A83-44314  
Experimental investigation of the turbulent structure of vortex wakes  
[ONERA, TP NO 1983-107] p 717 A83-49418
- LEUPP, D. G.**  
ACES II negative Gz restraint investigation  
[AD-A124713] p 430 N83-25685
- LEVASHOV, P. D.**  
The use of multiple coordinate systems to form stiffness matrices of thin-walled structures on the basis of hybrid computational schemes  
p 354 A83-29283
- LEVESQUE, P.**  
Theoretical and experimental studies of the electromagnetic coupling mechanisms between aircraft and consecutive lightning strikes, both direct and nearby  
[ONERA, TP NO 1983-44] p 687 A83-44318
- LEVIN, V. M.**  
Characteristics of the supersonic combustion of nonmixed gases in ducts  
p 758 A83-49778
- LEVINE, D. M.**  
RF radiation from lightning correlated with aircraft measurements during storm hazards-82  
[NASA-TM-85007] p 479 N83-27537
- LEVINE, L. S.**  
Commonality potential of future public service helicopters and Army light utility helicopters  
[AIAA PAPER 83-2553] p 720 A83-49593
- LEVINE, S. R.**  
Further industrial tests of ceramic thermal barrier coatings  
[NASA-TP-2057] p 42 N83-10045  
Turbine engine materials durability research  
p 202 N83-12163  
Coating with overlay metallic-cermet alloy systems  
[NASA-CASE-LEW-13639-2] p 227 N83-17683
- LEVITT, B. B.**  
1983 LTA technology assessment  
[AIAA PAPER 83-1617] p 437 A83-36406
- LEW, E. A.**  
Comparative analysis of a phase and an amplitude processor for amplitude monopulse systems  
p 431 A83-35192
- LEWIS, B. L.**  
A unified approach to turbine blade life prediction  
[SAE PAPER 821439] p 533 A83-37987
- LEWIS, C. H.**  
Chemical equilibrium laminar or turbulent three-dimensional viscous shock-layer flows  
p 715 A83-48133
- LEWIS, D.**  
Technical qualities for combat helicopter powerplants  
p 278 A83-24839
- LEWIS, D. W.**  
Vibration limiting of rotors by feedback control  
p 187 N83-15656
- LEWIS, G. M.**  
V/STOL status from the engine technology viewpoint  
p 458 A83-36912  
V/STOL from the propulsion viewpoint (7th Sir Sydney Camm Memorial Lecture)  
p 535 A83-38869
- LEWIS, L.**  
Preliminary analyses of flail, windblast and tumble problems and injuries associated with usage of U S Navy Aircrew Automated Escape Systems /AAES/  
p 183 A83-15407
- LEWIS, L. A.**  
Preliminary overview analyses of U S Navy Aircrew Automated Escape Systems /AAES/ in-service usage data  
p 182 A83-15405
- LEWIS, R. B., II.**  
Advanced helicopter avionics  
p 590 A83-41531
- LEWIS, T. F., III.**  
GATOR-GARD applied coatings extend service lives of critical aerospace components  
[SAE PAPER 820611] p 696 A83-45869
- LEWIS, W.**  
Wind shear detection with a modified airport surveillance radar  
p 360 A83-27040  
Doppler radar and aircraft measurements of thunderstorm turbulence  
p 360 A83-27043
- LEWIS, W. J.**  
V/STOL status from the engine technology viewpoint  
p 458 A83-36912
- LEWY, S.**  
A note on the general scaling of helicopter blade-vortex interaction noise  
[ONERA, TP NO 1982-32] p 221 A83-13375  
Theoretical and experimental study of helicopter rotor noise  
[ONERA, TP NO 1982-74] p 205 A83-23247  
A theoretical and experimental study of propeller noise  
[ONERA, TP NO 1982-122] p 305 A83-24333  
Subsonic and transonic propeller noise  
[ONERA, TP NO 1983-76] p 769 A83-48191  
Experimental methods in compressor noise studies  
[ONERA, TP NO 1983-79] p 769 A83-48194  
Helicopter noise  
[ONERA, TP NO 1983-80] p 769 A83-48195  
A note on the general scaling of helicopter blade-vortex interaction noise  
[AD-A118761] p 223 N83-12972
- LEYBOLD, H. A.**  
Ground test experience with large composite structures for commercial transports  
[NASA-TM-84627] p 564 A83-29732
- LEYLAND, A. S.**  
Integration of a new sensor on to an existing aircraft  
p 732 N83-34901
- LEYLAND, D. C.**  
Lessons from Tornado afterbody development  
p 604 A83-30366
- LI, C.**  
Study on longitudinal dynamic characteristics of pilot-airplane system - Approach to the method for studying PIO problem  
p 287 A83-26762
- LI, D. F.**  
High-speed floating-ring bearing test and analysis  
[ASLE PREPRINT 83-AM-3E-2] p 643 A83-43337
- LI, F.**  
Design of transonic shock-free airfoil  
p 660 A83-44572
- LI, J.**  
Multi-level substructural analysis in modal synthesis - Two improved substructural assembling techniques  
p 300 A83-26764  
An experimental investigation of turbulent base heat transfer in hypersonic flow  
p 659 A83-44569
- LI, S.**  
On the numerical solution of head-on vehicle shock-planar incident shock interaction flow  
p 659 A83-44556
- LI, X. Y.**  
Trajectory with diffusion method for predicting the fuel distribution in a transverse stream  
[AIAA PAPER 83-0336] p 161 A83-16662
- LI, X.-Y.**  
Experimental investigation of fuel distribution in a transverse stream  
[ASME PAPER 83-GT-207] p 743 A83-48008
- LI, Z.**  
The effect of the stator with unequal pitch cascades on the compressor blade vibration  
p 42 N83-10013
- LIAN-CHI, Z.**  
An experiment to improve the surge margin by use of cascade with splitter blades  
p 283 N83-18956
- LIANG, T. G.**  
EASY5 balanced load simulation of a bang-bang voltage regulator controlled synchronous generator  
p 40 A83-11203

## LIBESKIND, M.

## PERSONAL AUTHOR INDEX

## LIBESKIND, M

Serviceability evaluation of advanced composite F-14A main-landing-gear-strut doors and overwing fairings p 185 A83-20480

## LIBRESCU, L

Aeroelastic optimization of orthotropic rectangular flat panels p 639 A83-40675

## LICATA, S. J

Airstart performance of a digital electronic engine control system in an F-15 airplane [NASA-TM-84908] p 339 N83-22203

## LICHFIELD, E. W

Power supplies for long duration balloon flights p 536 A83-39815

## LICHTY, D. W

Control characteristics of a buoyant quad-rotor research aircraft p 262 A83-24430

## LICURSI, J. P

Laser holographic interferometry for an unsteady airfoil in dynamic stall [AIAA PAPER 83-0388] p 179 A83-16688

## LIDSKII, B. V

A theoretical study of the nonstationary combustion of a gasifiable solid fuel during a pressure drop p 758 A83-49763

## LIEBECK, R. H

Design of optimum propellers [AIAA PAPER 83-0190] p 132 A83-16578

## LIEBERT, C. H

Further industrial tests of ceramic thermal barrier coatings [NASA-TP-2057] p 42 N83-10045  
Measured and calculated wall temperatures on air-cooled turbine vanes with boundary layer transition [NASA-TM-83030] p 183 N83-14432

## LIEBOWITZ, H

Development of fracture mechanics concepts applicable to aircraft structures [AD-A121900] p 302 N83-19135

## LIEBST, B. S

Active flutter suppression using eigenspace and linear quadratic design techniques [AIAA PAPER 82-2222] p 621 A83-41702  
Eigenspace techniques for active flutter suppression [NASA-CR-169858] p 217 N83-17556

## LIESNER, CH

High-strength aluminum high-quality casting alloy in aeronautics and astronautics p 468 A83-33955

## LIFANOVA, T. A.

Jet fuels based on West Siberian oils p 403 A83-32077

## LIGHTFOOT, F. M

Terrain following/terrain avoidance for advanced penetrating aircraft p 20 A83-11146

## LIGON, J. B

Flight testing the Hustler 500 p 387 A83-32930

## LIGON, J. M

NAVSTAR-GPS at sea p 323 A83-29207

## LIGRANI, P. M

Hot wire thermal tuft development for measurement of flow reversal near a compressor blade p 216 N83-12274

## LIGUORI, F

Lessons learned from maintenance applications of ATE p 1 A83-10780

## LIJEWSKI, L

Advances in methods for predicting store aerodynamic characteristics in proximity to an aircraft [AIAA PAPER 83-0266] p 133 A83-16622

## LIJEWSKI, L. E

Development of analytical and experimental techniques for determining store airload distributions p 8 A83-13077

## LILLEY, D. E

Experimental studies of the separating confluent boundary-layer Volume 1 Summary [NASA-CR-3655] p 427 N83-26822

## LILLEY, D. G

The performance of an annular vane swirler [AIAA PAPER 83-1326] p 455 A83-36340  
Turbulent combustor flowfield investigation p 538 N83-29220

## LIMBACH, P. JR

Vibration-free internal combustion engine for general aviation [BMFT-FB-W-82-016] p 213 N83-16347

## LIN, C. F

Classical vs. modern control system design for terminal guidance of bank-to-turn intercept missiles [AIAA PAPER 83-2203] p 620 A83-41687

## LIN, C. F

A comparative evaluation of some maneuvering target tracking algorithms [AIAA PAPER 83-2168] p 650 A83-41664

## LIN, F

Statistical determination of a flaw detection probability curve p 300 A83-26763

## LIN, M. C

Low-level gust gradient program and aviation workshop effort p 767 N83-36592

## LIN, S. H

Wakes from arrays of buildings p 558 A83-38766  
Wakes from arrays of buildings [NASA-CR-170666] p 183 N83-14430

## LIN, Y. K

Rotor blade flap-lag stability in turbulent flows p 151 A83-18380  
Concepts of stochastic stability in rotor dynamics p 152 A83-18382  
A closed-form analysis of rotor blade flap-lag stability in hover and low-speed forward flight in turbulent flow [AIAA 83-0986] p 330 A83-29864  
Coupled flap-torsional response of a rotor blade in forward flight due to atmospheric turbulence excitations p 618 A83-41073

## LINDBLUM, Y

Fatigue failure under fretting conditions p 224 A83-21481

## LINDEN, A. W

XH-59A ABC aircraft flight tests at Ft. Rucker, Alabama p 151 A83-18148

## LINDNER, G. H

F-4F fire control system software support - An integrated approach to ground and flight testing p 56 A83-11228

## LINEBRINK, K. L

Full Authority Digital Electronic Control (FADEC) - Augmented fighter engine demonstration [SAE PAPER 821371] p 532 A83-37963

## LING, A. C

Fire extinguishant materials [NASA-CASE-ARC-11252-1] p 759 N83-36118

## LINTERN, G

Applications of simulator freeze to carrier glideslope tracking instruction [AD-A118862] p 220 N83-16356

## LIPATOV, N. G

Results of an experimental study of the thermal state of blades in turbines with partial root cooling p 614 A83-42138

## LIPP, A.

Development and fabrication of refractory bodies for gas turbine engines [BMFT-FB-T-82-138] p 164 N83-14132

## LIPPERT, J. R

AEHP for advanced technology aircraft p 2 A83-11086  
Atmospheric electricity hazards protection program p 649 N83-31165  
Vulnerability assessment of electrical/electronic subsystems and equipment to atmospheric electricity p 588 N83-31224

## LIPSCOMB, W. O., III

Pilot-scale assessment of conventional particulate control technology for pressurized fluidized-bed combustion emissions [PB82-230921] p 220 N83-13673

## LISAGOR, W. B

Advanced powder metallurgy aluminum alloys and composites p 210 N83-12156

## LISEITSEV, N. K.

Aircraft design (3rd revised and enlarged edition) p 726 A83-48100

## LISSAMAN, P. B. S

Low-Reynolds-number airfoils p 374 A83-31082  
Sun-powered aircraft designs p 386 A83-32577

## LITTLE, B. H., JR

Propulsion system installation design for high-speed prop-fans p 337 A83-29014  
Inlet design for high-speed propfans [SAE PAPER 821359] p 495 A83-37957

## LITTLE, R. C

The effect of additives on the aerosolization of JP-5 jet fuel [AD-A119324] p 178 N83-14294

## LIU, A. F

On the effect of residual stresses on crack growth from a hole [AIAA 83-0840] p 355 A83-29747

## LIU, C. H

Navier-Stokes calculations for the vortex wake of a rotor in hover [AIAA PAPER 83-1676] p 492 A83-37184

## LIU, F. M

On the fail-safe characteristics of stiffened panels [DFVLR-FB-83-08] p 562 N83-28501

## LIU, G

Multi-level substructural analysis in modal synthesis - Two improved substructural assembling techniques p 300 A83-26764

## LIU, G. C

Performance of high-altitude, long-endurance, turboprop airplanes using conventional or cryogenic fuels [NASA-TM-84534] p 207 N83-17530

## LIU, G. E

Trajectory with diffusion method for predicting the fuel distribution in a transverse stream [AIAA PAPER 83-0336] p 161 A83-16662

## LIU, G. L

Aerodynamic optimization theory of a 3-D axial-flow rotor-blading via optimal control p 418 A83-35839

## LIU, G. E

Experimental investigation of fuel distribution in a transverse stream [ASME PAPER 83-GT-207] p 743 A83-48008

## LIU, K. W

Improved methods for predicting spectrum loading effects Volume 2 Test data [AD-A118857] p 193 N83-12078

A users manual for a detailed level fatigue crack growth analysis computer code Volume 1 The CRKGRO program [AD-A118968] p 184 N83-14530  
A user's manual for a computer program to predict fatigue crack growth on flight-by-flight basis (FLTGRO) [AD-A118965] p 184 N83-14531

## LIU, T. M

Friction drag and other design parameters for acoustic face sheets [AIAA PAPER 83-0780] p 307 A83-25962

## LIU, T. M

Friction drag measurements of acoustic surfaces [AIAA PAPER 83-1356] p 422 A83-36414

## LIU, W

Three-dimensional elastoplastic finite element analysis p 300 A83-26767

## LIUBATUROV, A. M

A study of the gas-dynamic efficiency of the labyrinth seals of gas-turbine engines with a profiled stator wall p 615 A83-42153

## LIVINGSTON, R. C

Heater-generated intermediate-scale irregularities Spatial distribution and spectral characteristics [AD-A120866] p 302 N83-20048

## LIZZI, P

Global positioning system en route/terminal exploratory tests [FAA-RD-82-71] p 260 N83-18705

## KLUG, H. G

Commercial aircraft with reduced longitudinal stability and active tail planes, and the unsteady aerodynamics of rapidly adjusted control surfaces p 750 A83-47213

## LLORENS, R. E

Application of the panel method to airships [AIAA PAPER 83-1978] p 502 A83-38909

## LLOYD, A. J. P

A hybrid facility for the simulation, development, and validation of ECS microprocessor based controls [SAE PAPER 820867] p 289 A83-25766  
Aircraft vehicle equipment improvements via microprocessors [SAE PAPER 820868] p 263 A83-25767

## LLOYD, D. E

Integration produces small Ku-band altimeter p 529 A83-37820

## LO, Q

An experimental investigation of turbulent base heat transfer in hypersonic flow p 659 A83-44569

## LOBANOVSKII, I. I

The maximum aerodynamic efficiency of conical wing-body combinations at high supersonic speeds p 578 A83-41266

## LOCKMAN, W. K

An experimental investigation of the subcritical and supercritical flow about a swept semispan wing [NASA-TM-84367] p 563 N83-29634

## LODGE, C. G

Identification and control of flutter on military combat aircraft p 730 A83-49187

## LOEBERT, G

Theory of resistance interference of airfoil wings and engine exhaust p 188 A83-19667

## LOECHELT, E

Materials in the mirror of aviation criteria p 434 A83-33952

## LOEFFLER, I. J

Farfield inflight measurements of high-speed turboprop noise [AIAA PAPER 83-0745] p 280 A83-25947  
Farfield inflight measurement of high-speed turboprop noise [NASA-TM-83327] p 367 N83-21895

## LOEKEN, W. G

The cost definition phase of a new commercial aircraft programme p 242 A83-24425

- LOEWENTHAL, S. H.**  
Advances in traction drive technology  
[NASA-TM-83397] p 561 N83-28455
- LOEWY, R. G.**  
Natural frequency of rotating beams using non-rotating modes p 181 A83-18383  
Structural dynamics studies of rotating bladed-disk assemblies coupled with flexible shaft motions  
[AIAA PAPER 83-0919] p 392 A83-32787  
Composite structural materials  
[NASA-CR-169859] p 226 N83-17597
- LOF, C. J.**  
Lifetime prediction methods for corner cracks at holes  
[NLR-MP-82042-U] p 700 N83-33233
- LOFLAND, R. A. D.**  
Advanced composites structures at Hughes Helicopters, Inc p 260 A83-23645
- LOGAN, A. H.**  
NOTAR - The viable alternative to a tail rotor  
[AIAA PAPER 83-2527] p 728 A83-48365
- LOGAN, E., JR.**  
Wakes from arrays of buildings p 558 A83-38766  
Wakes from arrays of buildings  
[NASA-CR-170666] p 183 N83-14430
- LOGAN, T. R.**  
Bonded aluminum honeycomb - Aircraft flight surface primary structure application p 675 A83-43972
- LOGAN, W. B.**  
The maneuvering flight path display - An update p 196 A83-16130
- LOGINOV, V. K.**  
The effect of damage in structural elements on the ground resonance of a helicopter p 731 A83-49446
- LOH, N. K.**  
Microprocessor-based optimal controllers for a helicopter turret control system p 434 A83-35138  
Microprocessor controlled optimal helicopter turret control system p 516 A83-37148
- LOHL, N.**  
Analysis of the precision of inertial navigation systems p 321 A83-28649
- LOHMANN, R. P.**  
Broad specification fuels technology program, phase 1  
[NASA-CR-168180] p 637 N83-30551
- LOKAI, V. I.**  
The effect of supercritical pressure gradients on heat transfer in turbine nozzle cascades p 614 A83-42140
- LONDON, G. G.**  
Flutter investigation of a repaired T-38 horizontal stabilizer using NASTRAN p 641 A83-42541
- LONDON, G. G., JR.**  
Investigation of an improved finite element model for a repaired T-38 horizontal stabilizer flutter analysis using NASTRAN  
[AD-A124741] p 461 N83-25717
- LONG, D. F.**  
Coherent structure and jet noise p 190 N83-14513
- LONG, L. J.**  
Compressed-air energy storage preliminary design and site development program in an aquifer Volume 5, Part 1 Turbomachinery design  
[DE83-004005] p 362 N83-22759
- LONG, L. N.**  
The aerodynamics of propellers and rotors using an acoustic formulation in the time domain  
[AIAA PAPER 83-1821] p 498 A83-38653
- LONG, W. D.**  
High altitude jet fuel photochemistry  
[AD-A125035] p 471 N83-27035
- LONG, W. H., III**  
F-16 pulse Doppler radar /AN/APG-68/ performance p 200 A83-22737
- LONGAKER, R. G.**  
A new class ACV - Tanker freighter p 485 A83-35053
- LONGSTREET, E. J.**  
An analysis of reports of operational errors  
[AD-A123416] p 383 N83-24499
- LOPEZ, R.**  
LHX - The US Army wants 5,000 - Industry needs the business p 729 A83-48642
- LORBER, P. F.**  
Measurements of the near wake of an airfoil in unsteady flow  
[AIAA PAPER 83-0127] p 131 A83-16540
- LORCH, D.**  
Preliminary development of the XV (Ex-Vee) aircrew restraint  
[AD-A118991] p 139 N83-14079  
Centrifuge tests of modifications to the MA-2 aircrewman torso harness, phase 1  
[AD-A126416] p 669 N83-33860
- LORENZ, W.**  
PMUX - The interface for engine data to AIDS p 391 A83-30158
- LONGE, F.**  
Loran-C en route accuracies in the central Appalachian region  
[FAA-RD-82-24] p 147 N83-15274  
LORAN-C nonprecision approaches in the northeast corridor  
[FAA-RD-82-78] p 515 N83-29192
- LOTH, J. L.**  
Circulation controlled STOL wing optimization  
[AIAA PAPER 83-0082] p 130 A83-16509
- LOTZE, A.**  
The F-4 flutter suppression program p 730 A83-49192  
Correlation problems between flutter flight test data and ground tests/calculation results for a variable sweep wing aircraft p 628 N83-30379
- LOUDENSLAGER, L. E.**  
Advanced composite materials in aerobatic aircraft p 203 A83-20496  
Design of an aerobatic aircraft wing using advanced composite materials  
[SAE PAPER 821346] p 517 A83-37955
- LOUIS, J. F.**  
A comparative study of the influence of different means of turbine cooling on gas turbine performance  
[ASME PAPER 83-GT-180] p 762 A83-47991
- LOVELL, D. T.**  
Composites in commercial aircraft p 692 A83-46281
- LOVELL, W. A.**  
Application of variable-sweep wings to commuter aircraft  
[NASA-CR-166067] p 265 N83-18713  
Effect of advanced technology and a fuel efficient engine on a subsonic-cruise executive jet with a small cabin  
[NASA-CR-172190] p 679 N83-33876
- LOVINSKII, S. I.**  
The theory of aircraft engines p 39 A83-10675
- LOW, H. C.**  
Investigation of fixed-rake sampling system for the assessment of emission characteristics of gas turbine engines  
[ASME PAPER 83-GT-72] p 738 A83-47925
- LOWAK, H.**  
The comparison of the results of service-spectrum tests with the help of the relative Miner rule p 559 A83-40471
- LOWE, J. D.**  
A six-degree of freedom heavy lift airship flight simulation  
[AIAA PAPER 83-1988] p 522 A83-38914
- LOWE, J. R.**  
Applications of head-up displays in commercial transport aircraft p 269 A83-24428
- LOWNDES, J. C.**  
B-1B manufacturing - Avco modifies prototype processes for production p 491 A83-40333
- LOWREY, J. A., III**  
Gravity modeling for airborne applications p 17 A83-11090
- LOWRY, D. W.**  
Design, analysis and test of composite curved frames for helicopter fuselage structure  
[AIAA 83-1005] p 356 A83-29805  
Flight service evaluation of composite helicopter components  
[NASA-CR-165952] p 192 N83-12071  
Design, fabrication, installation and flight service evaluation of a composite cargo ramp skin on a model CH-53 helicopter  
[NASA-CR-172126] p 693 N83-33955
- LOYD, J. R.**  
Numerical calculations of turbulent buoyant flow in aircraft cabins  
[FAA-CT-82-61] p 319 N83-22170
- LOZZA, G.**  
A comparison between the Craig-Cox and the Kacker-Okapuu methods of turbine performance prediction p 163 A83-19025
- LU, F. K.**  
Conical similarity of shock/boundary layer interactions generated by swept fins  
[AIAA PAPER 83-1756] p 492 A83-37229
- LU, H. Y.**  
Effect of excitation on coaxial jet noise p 237 A83-19811  
Prediction of high bypass ratio engine static and flyover jet noise  
[AIAA PAPER 83-0773] p 281 A83-25958
- LU, S.**  
State-space aeroelastic modeling and its application in flutter calculation p 300 A83-26761
- LU, X.**  
Extracting the comprehensive characteristics in terms of similar parameters from flight test p 675 A83-44570
- LUBER, W.**  
Flutter investigations in the transonic flow regime for a fighter type aircraft p 345 N83-22217
- LUBOMSKI, J. F.**  
Bending-torsion flutter of a highly swept advanced turboprop  
[NASA-TM-82975] p 68 N83-11514
- LUCAS, J. G.**  
Low flight speed acoustic results for a supersonic inlet with auxiliary inlet doors  
[AIAA PAPER 83-1415] p 706 A83-45517  
Low flight speed acoustic results for a supersonic inlet with auxiliary inlet doors  
[NASA-TM-83411] p 482 N83-27794
- LUCAS, W. H.**  
Study of an automatic trajectory following control system  
[NASA-CR-166121] p 547 N83-29271
- LUCCI, A. D.**  
Aircraft super integrated power unit  
[SAE PAPER 821461] p 534 A83-37995
- LUCHUK, W.**  
The 1981 calibration of the AEDC-PWT aerodynamic wind tunnel (4T) at Mach numbers from 0.1 to 1.3  
[AD-A118704] p 208 N83-12104
- LUCK, S.**  
Basic investigations for the use of wind tunnel models in the ETW  
[BMFT-FB-W-82-023] p 402 N83-24522
- LUDEMANN, S. G.**  
Prop-fan powered aircraft - An overview  
[SAE PAPER 820957] p 434 A83-33629
- LUDEWIG, K. H.**  
Design and construction of 2 transonic airfoil models for tests in the NASA Langley C-3-M TCT  
[NASA-TM-85325] p 401 N83-23326
- LUDWIG, G. R.**  
Rotating stall investigations Volume 1 Theoretical investigations  
[AD-A128744] p 748 N83-34951  
Rotating stall investigations Volume 2 Experimental studies  
[AD-A128745] p 748 N83-34952
- LUEBBERS, R.**  
Performance tests results of automatic direction finder receiver interference susceptibility  
[AD-A118438] p 28 N83-11109
- LUERS, J.**  
Aerodynamic penalties of heavy rain on landing airplanes p 138 A83-18403  
Heavy rain influence on airplane accidents p 138 A83-18415
- LUETJERING, G.**  
Prediction capability and improvements of the numerical notch analysis for fatigue loaded aircraft and automotive components p 213 A83-13907
- LUGT, H. J.**  
Autorotation p 374 A83-31079
- LUKAC, C. F.**  
Timing a LORAN-C chain p 24 A83-12225
- LUKAS, J.**  
The development of quartz-membrane pressure transducers at the Aeronautical Research and Test Institute p 644 A83-43815
- LUKASHENKO, V. I.**  
A superelement analysis of stiffened shells p 202 A83-20392
- LUKE, J. A.**  
Multiprocessor Shared Memory (MSM) development  
[AD-A126527] p 705 N83-34598
- LUM, K.**  
Development of the MICROSAS longitudinal flight control system for the augmentor wing aircraft  
[AD-A128331] p 629 N83-31608
- LUNN, K.**  
Helicopter flight testing, simulation and real-time analysis p 328 A83-29391
- LUO, S.**  
Relaxation computation of transonic flows around wings with blunt leading-edge and discussion on its stability and convergence p 178 A83-15543
- LUOTO, R. E.**  
A combined hazard index fire test methodology for aircraft cabin materials, volume 1  
[AD-A117448] p 15 N83-10025  
A combined hazard index fire test methodology for aircraft cabin materials, volume 2  
[AD-A117449] p 15 N83-10026
- LUPPOLD, R. H.**  
Reliability analysis of a dual-redundant engine controller p 556 A83-37289
- LURIA, S. M.**  
Desirable characteristics of underwater lights for helicopter escape hatches  
[AD-A120331] p 197 N83-16310

- Desirable characteristics of underwater lights for helicopter escape hatches  
[AD-A120510] p 198 N83-16312
- LUSH, K. J.**  
Environmental control subsystems flight test handbook  
[AD-A126872] p 606 N83-30408
- LUTTGES, M. W.**  
Unsteady flow separation and attachment induced by pitching airfoils  
[AIAA PAPER 83-0131] p 131 A83-16544
- LUTZE, F. H.**  
Active control of a relaxed-static-stability airplane using a discrete model following technique  
[AIAA PAPER 83-0279] p 168 A83-16624  
A dynamic model for aircraft poststall departure  
[AIAA PAPER 83-0367] p 150 A83-16674
- LUU, T. S.**  
Remarks on the evolution of methods of calculation for propellers and rotors  
[AAAF PAPER NT 82-03] p 376 A83-33161
- LUX, D. P.**  
The application and results of a new flight test technique  
[AIAA PAPER 83-2137] p 598 A83-41959
- LUZHOU, Q.**  
The manufacture of interior decoration wall plates for the Yier-86 aircraft  
[AD-A118962] p 155 N83-14112
- LY, U.-L.**  
Robustness analysis of a multiloop flight control system  
[AIAA PAPER 83-2189] p 619 A83-41675
- LYKOV, O. P.**  
The effect of additive compositions on the oxidation stability of T-6 fuel p 58 A83-10458  
The effect of products based on higher fatty acids on the performance characteristics of jet fuels p 468 A83-34500
- LYON, C. A.**  
Computer program to predict noise of general aviation aircraft User's guide  
[NASA-CR-168050] p 238 N83-17242
- LYON, T. F.**  
NASA clean catalyst combustor program  
[ASME PAPER 82-JPGC-GT-11] p 295 A83-25269
- LYOTIER, R.**  
Helicopter blade tips  
[AAAF PAPER NT 81-19] p 8 A83-11778
- LYZHIN, D. O.**  
A method for calculating the regime of strong viscous interaction on a delta wing p 716 A83-48664

## M

- MA, D.-M.**  
Maximum endurance and maximum penetration trajectories for horizontal gliding flight  
[AIAA PAPER 83-0283] p 150 A83-16628
- MABEY, D. G.**  
Some measurements of wing buffeting on a flutter model of a typical strike aircraft  
[RAE-TR-82007] p 48 N83-10052  
Some remarks on buffeting p 341 N83-20899  
Some measurements of buffeting on a flutter model of a typical strike aircraft p 627 N83-30370
- MABIUS, L.**  
Implicit adaptive control for a class of MIMO systems p 169 A83-19031
- MABRY, J. E.**  
A study of noise metric and tone correction accuracy  
[NASA-CR-165910] p 304 N83-20445
- MACARTHUR, C. D.**  
Numerical simulation of airfoil ice accretion  
[AIAA PAPER 83-0112] p 428 A83-36042  
Dayton aircraft cabin fire model, version 3 Volume 2 Program user's guide and appendices  
[AD-A118390] p 16 N83-11099
- MACBAIN, J. C.**  
Structural response due to blade vane interaction  
[ASME PAPER 83-GT-133] p 740 A83-47960
- MACCALLUM, N. R. L.**  
Models for predicting tip clearance changes in gas turbines p 541 N83-29255  
Axial compressor characteristics during transients p 542 N83-29259
- MACCORMACK, R. W.**  
Flow over a biconic configuration with an afterbody compression flap - A comparative numerical study  
[AIAA PAPER 83-1668] p 491 A83-37179
- MACCREADY, P. B.**  
Sun-powered aircraft designs p 386 A83-32577

- MACDIARMID, I. P.**  
Lightning protection design and lightning threat flight clearance of a fly-by-wire flight control system for an unstable aircraft p 629 N83-31234
- MACDONALD, G.**  
Multi-man flight simulator  
[NASA-CR-166449] p 359 N83-21210
- MACH, K. D.**  
A survey of trends in modern turbine technology  
[AIAA PAPER 83-1174] p 451 A83-36260
- MACHIN, A. S.**  
Water-displacing organic corrosion inhibitors - Their effect on the fatigue characteristics of aluminum alloy bolted joints p 59 A83-12014  
The influence of water-displacing organic corrosion inhibitors on the fatigue behaviour of 2024-T3 alclad aluminum alloy bolted joints  
[ARL-STRUC-REPORT-390] p 61 N83-11281
- MACISAAC, B. D.**  
An overview of engine dynamic response and mathematical modeling concepts p 542 N83-29262
- MACK, J. C.**  
Large rotorcraft transmission technology development program  
[NASA-CR-168120] p 332 N83-22188
- MACK, R. J.**  
Wind-tunnel investigation of leading-edge thrust on arrow wings in supersonic flow  
[NASA-TP-2167] p 583 N83-31577
- MACKALL, D. A.**  
Qualification of the flight-critical AFTI/F-16 digital flight control system  
[AIAA PAPER 83-0060] p 167 A83-16492
- MACKALL, K. G.**  
In-flight acoustic test results for the SR-2 and SR-3 advanced-design propellers  
[AIAA PAPER 83-1214] p 452 A83-36286  
A preliminary comparison between the SR-6 propeller noise in flight and in a wind tunnel  
[NASA-TM-83341] p 412 N83-24287
- MACKE, H. J.**  
The intricate patterns of stress p 180 A83-17282
- MACKENZIE, R. B.**  
A piloted flight simulator study of conflict of interest wind modelling techniques  
[UTIAS-TN-238] p 401 N83-23329
- MACKINNON, J. H.**  
Summary of Federal Aviation Administration responses to National Transportation Safety Board safety recommendations  
[AD-A118692] p 184 N83-12055
- MACMILLAN, W. L.**  
Throttle handling related to J85 engine performance and durability Canadian forces experience p 541 N83-29249
- MACROSSAN, M. N.**  
The evaluation of some collision models used for Monte-Carlo calculations of diatomic rarefied hypersonic flows  
[IC-AERO-82-03] p 583 N83-30396
- MADGWICK, F. R.**  
Land development, tall buildings and airport operations  
[AIAA PAPER 83-1581] p 398 A83-33353
- MAFFIOLI, G. C.**  
Anisotropic beam theory and applications p 65 A83-12756
- MAGEE, C. J.**  
Fiber optic wavelength multiplexing for civil aviation applications p 208 A83-22492
- MAGEE, J. P.**  
The tilt rotor research aircraft (XV-15) program p 268 N83-20833
- MAGENHEIM, B.**  
Microwave Ice Accretion Measurement Instrument /MIAMI/ p 208 A83-22163  
Development and test of a Microwave Ice Accretion Measurement Instrument (MIAMI)  
[NASA-CR-3598] p 159 N83-14123
- MAGLI, G.**  
An overview of a new integrated system for communication, navigation, and identification - The Joint Tactical Information Distribution System p 590 A83-41310
- MAGLIOZZI, B.**  
Synchrophasing for cabin noise reduction of propeller-driven airplanes  
[AIAA PAPER 83-0717] p 326 A83-28013  
Small transport aircraft technology propeller study  
[NASA-CR-168045] p 506 N83-29178
- MAGNUSZEWSKI, Z.**  
The icing of aircraft gas turbine engines p 182 A83-14619

- MAGRATH, H. A.**  
Technical evaluation Report The Specialists' Meeting on Dynamic Environmental Qualification Techniques  
[AD-A121979] p 31 N83-10039
- MAGRE, P.**  
Semi implicit calculation method of the flow field in a duct with the flame stabilized by a step  
[ONERA, TP NO 1983-52] p 446 A83-35820
- MAHAPATRA, P. R.**  
Optimum siting of NEXRAD to detect hazardous weather at airports p 304 A83-24037  
Radar detection of low level wind shear affecting aircraft terminal navigation p 322 A83-28784  
Scanning strategies for next generation weather radars  
A study based on lifetimes of convective atmospheric phenomena hazardous to aviation  
[FAA-RD-82-69] p 476 N83-25929
- MAHMOODI, A.**  
An adaptive scheme for optimal target detection in variable clutter environment p 253 A83-24779
- MAHON, J.**  
Serviceability evaluation of advanced composite F-14A main-landing-gear-strut doors and overwing fairings p 185 A83-20480
- MAHOOD, L.**  
Correlation of flammability test data of antimisting fuels  
[FAA-CT-82-29] p 352 N83-22441  
Correlation of flammability test data on antimisting fuels  
[AD-A127142] p 694 N83-34068
- MAI, H. U.**  
GASAP - A general aviation airplane analysis and synthesis program  
[AIAA PAPER 83-0054] p 148 A83-16488
- MAI, Z.-F.**  
A dynamic model of turbojet in starting at high altitude p 447 A83-35846
- MAIDMENT, L. J.**  
An evaluation of vacuum centrifuged titanium castings for helicopter components p 178 N83-15439
- MAIER, K.**  
The oil/air system of a modern fighter aircraft engine p 167 N83-15511
- MAIER, R. A.**  
Conceptual kinematic design using homogeneous coordinate transformations  
[AIAA PAPER 83-2460] p 768 A83-48337
- MAIKAPAR, G. I.**  
Separated flows at the leeward side of a delta wing and body of revolution in supersonic flow p 494 A83-37553
- MAINE, R. E.**  
Space Shuttle stability and control derivatives estimated from the first entry p 544 A83-37065
- MAINQUIST, R.**  
STOL wind tunnel test results for a tactical supercruiser  
[AIAA PAPER 83-1224] p 420 A83-36291
- MAITA, M.**  
On the propulsion system of the NAL quiet STOL research aircraft p 446 A83-35831  
Powered lift aerodynamics of USB STOL aircraft  
[AIAA PAPER 83-1848] p 499 A83-38676
- MAJUMDAR, A. K.**  
Wide-beam atmospheric optical communication for aircraft application using semiconductor diodes p 669 A83-44159
- MAKARENKO, B. I.**  
Probabilistic estimation of the efficiency of radio systems in the presence of interference p 405 A83-30731
- MAKARENKOVA, L. G.**  
Investigation of unsteady temperature fields of nonaxisymmetric nozzle inserts p 764 A83-49667
- MAKSIMENKO, V. N.**  
The effect of stringers on the stress-strain state near a hole or crack in an anisotropic plate p 556 A83-37516
- MAKSIMOV, M. V.**  
Radio-electronic guidance systems p 299 A83-25622
- MAKSIMOV, N. V.**  
Aircraft electrical equipment p 162 A83-17125
- MALANNI, S. R.**  
Pilot-scale assessment of conventional particulate control technology for pressurized fluidized-bed combustion emissions  
[PB82-230921] p 220 N83-13673
- MALDONATO, E. D.**  
Helmet mounted display feasibility model Optical design  
[AD-A119191] p 159 N83-14124
- MALECI, G.**  
Vibration analysis of a helicopter plus an externally-attached structure p 607 N83-30769

# PERSONAL AUTHOR INDEX

MARR, P. R

- MALIK, M**  
The corrosion resistance of protective coatings p 223 A83-21454
- MALIK, M R**  
Stability experiments in rotating-disk flow [AIAA PAPER 83-1760] p 555 A83-37232
- MALISHEVSKAIA, N. A.**  
Increasing the combustion efficiency of fuel in an air-heating chamber operating on a prevaporized fuel p 614 A83-42151
- MALL, O D**  
Application of advanced technologies to small, short-haul transport aircraft (STAT) [NASA-CR-152362] p 192 N83-12072
- MALL, S.**  
Fatigue behavior of adhesively bonded joints [NASA-CR-174458] p 766 N83-36509
- MALMUTH, N**  
Computational treatment of three-dimensional transonic canard-wing interactions p 312 A83-29021
- MALMUTH, N D**  
Bending effects on structural dynamic instabilities of transonic wings [AIAA 83-0920] p 358 A83-29887  
Computational treatment of transonic canard-wing interactions [AD-A121662] p 246 N83-19718  
Transonic and nonlinear flow research [AD-A121477] p 246 N83-19719
- MALONE, J B**  
The LANN program - An experimental and theoretical study of steady and unsteady transonic airloads on a supercritical wing [AIAA PAPER 83-1686] p 502 A83-39099
- MALONEY, W T**  
The development of standards for the common ICAO Data Interchange Network /CIDIN/ p 230 A83-22027
- MALOV, B. A.**  
A rapid method for determining the initial boiling point and the saturated-vapor pressure of petroleum products p 229 A83-20962
- MANAKER, E**  
Pilot ability to understand synthetic voice and radio voice when received simultaneously [AD-A119137] p 219 N83-13338
- MANCINI, J H**  
Report on advanced transmission system integration tests p 298 A83-24833  
An overview of advancements in helicopter transmission design p 302 N83-20124
- MANCUS, E F**  
Mode S baseline radar tracking [FAA-RD-82-53] p 233 N83-17770
- MANDERS, P J**  
The on-board computer system for the F29 prototype flight test [NLR MP-81034-U] p 209 N83-16339
- MANDLE, J**  
Air data systems for airplanes of the 1990 s p 18 A83-11099  
Anemobarometric systems for next generation aircraft p 343 N83-22101
- MANDLE, P B**  
Airport landside operations and air service [PB82-235946] p 218 N83-13320
- MANGELS, J A.**  
Fabrication of complex shaped ceramic articles by slip casting and injection molding p 763 A83-48306
- MANGIAROTTY, R A**  
Tests of a thermal acoustic shield with a supersonic jet p 72 A83-10183
- MANI, K K**  
A multiple separation model for multielement airfoils [AIAA PAPER 83-1844] p 499 A83-38672
- MANI, K T**  
Control configured vehicle as a new generation aircraft p 618 A83-40884
- MANJUNATH, A R**  
Helicopter rotor performance evaluation using oscillatory airfoil data p 177 A83-13172
- MANKE, J W**  
Correction and improvement of CARE 3 Version 3 [NASA-CR-166122] p 705 N83-34591
- MANN, J Y**  
Water-displacing organic corrosion inhibitors - Their effect on the fatigue characteristics of aluminum alloy bolted joints p 59 A83-12014  
The influence of water-displacing organic corrosion inhibitors on the fatigue behaviour of 2024-T3 alclad aluminum alloy bolted joints [ARL-STRUC-REPORT-390] p 61 N83-11281
- MANN, M J**  
Aerodynamic design for improved maneuverability by the use of three-dimensional transonic theory [AIAA PAPER 83-1859] p 521 A83-38686
- Experimental study of wing leading-edge devices for improved maneuver performance of a supercritical maneuvering fighter configuration [NASA-TP-2125] p 316 N83-22162
- MANNHEIMER, R J**  
Degradation and characterization of antimisting kerosene p 294 A83-24035  
Feasibility of a full-scale degrader for antimisting kerosene [AIAA PAPER 83-1137] p 469 A83-36240  
Degradation and characterization of antimisting kerosene (AMK) [MED-132] p 297 N83-19922
- MANNING, K P J**  
The management of a large real-time military avionics project p 335 N83-22144
- MANNING, P**  
Depot level reparability, maintainability, and supportability of advanced composites [AIAA PAPER 83-2516] p 728 A83-48360
- MANNING, S K**  
Probabilistic fracture mechanics analysis methods for structural durability p 701 N83-34104
- MANRO, M E**  
Aeroelastic loads prediction for an arrow wing Task 1 Evaluation of R P White's method [NASA-CR 3640] p 316 N83-22163  
Aeroelastic loads prediction for an arrow wing Task 2 Evaluation of semi-empirical methods [NASA-CR 3641] p 316 N83-22164  
Aeroelastic loads prediction for an arrow wing Task 3 Evaluation of the Boeing three-dimensional leading-edge vortex code [NASA-CR-3642] p 377 N83-24479
- MANSEY, R**  
Development and flight test of an active flutter suppression system for the F-4F with stores Part 1 Design of the active flutter suppression system [AD-A121485] p 288 N83-18746
- MANT, I S**  
A flight control and navigation system for small RPVs p 593 A83-43723
- MANTAY, W R**  
Parametric tip effects for conformable rotor applications p 732 A83-50140  
Aeromechanical stability of a hingeless rotor in hover and forward flight - Analysis and wind tunnel tests p 732 A83-50141  
Loads and performance data from a wind tunnel test of model articulated helicopter rotors with 2 different blade torsional stiffnesses [NASA-TM-84573] p 377 N83-24471
- MANTEGAZZA, P**  
Anisotropic beam theory and applications p 65 A83-12756
- MANTEL, J**  
Performance-increasing modifications on transonic passenger plane wings [DGLR PAPER 82-031] p 261 A83-24157
- MANTEL, S J, JR**  
Microeconomic models for process development p 472 A83-33650
- MANZOOOR, M**  
The one-dimensional analysis of fin assembly heat transfer p 643 A83-43365
- MAO, S**  
Airborne radar tracking system based on optimal filtering theory p 592 A83-43696
- MAR, H M**  
Rotorcraft convertible engine study [NASA-CR-168161] p 537 N83-27996
- MAR, J W**  
Design technology of advanced composites [AD-A127892] p 638 N83-31735
- MARANO, J J**  
Numerical simulation of an electrothermal deicer pad [NASA-CR-168097] p 380 N83-23281
- MARCHAND, M**  
Evaluation of aerodynamic derivatives from Do 28 TNT-free flight model tests [DFVLR-FB-82-17] p 265 N83-18711  
Evaluation of aerodynamic derivatives from Do-28-TNT free-flight model tests [ESA-TT-784] p 442 N83-25706
- MARCHBANK, W R**  
The strengths and weaknesses of Computational Fluid Mechanics (CFM) in aerodynamic design and analysis Part 1 Background and philosophy p 219 N83-13413
- MARCHMAN, J F, III**  
The impact of strakes on a vortex flapped delta wing [AIAA PAPER 83-1814] p 497 A83-38647  
Pressure investigation of NASA leading edge vortex flaps on a 60 deg Delta wing [NASA-CR-169984] p 244 N83-18672
- An experimental study of pressures on 60 deg Delta wings with leading edge vortex flaps [NASA-CR-172833] p 583 N83-31576
- MARCOLINI, M A.**  
Airfoil self noise - Effect of scale [AIAA PAPER 83-0785] p 307 A83-25866
- MARCROFT, K M**  
Design for testing of a low altitude night-in-weather attack system [AIAA PAPER 83-1061] p 432 A83-36470
- MARCUE, N C**  
Computer Aided System for Developing Aircrew Training (CASDAT) [AD-A128530] p 633 N83-31615
- MARCUM, D C., JR**  
Wall-temperature effects on the aerodynamics of a hydrogen-fueled transport concept in Mach 8 blowdown and shock tunnels [NASA-TP 2159] p 582 N83-30391
- MARCUM, R B**  
Integrated CNI - A new testing challenge p 18 A83-11095
- MARCUS, E N**  
An experimental study of windturbine noise from blade-tower wake interaction [AIAA PAPER 83-0691] p 306 A83-25913
- MARCUS, F**  
A technical analysis of rehosting the National Aerospace System software [AD-A118828] p 187 N83-12069
- MAREK, C J**  
High-pressure flame visualization of autoignition and flashback phenomena with liquid-fuel spray [NASA-TM-83501] p 747 N83-34948
- MARESCA, C**  
A half-wing near a wall at high angles of attack in a pulsed flow [AAAF PAPER NT 81 12] p 8 A83-11773  
Prediction and experimental verification of the velocity fields of a rotor during hovering p 193 N83-17477
- MARGO, C S**  
Co-ordination in aviation in southern Africa p 320 N83-23210
- MARGOLIN, G S**  
The effect of anisotropy, thickness, and operating time on the crack growth in pressed and rolled products of D16chT and V95pchT1 alloys p 350 A83-28478
- MARIAMOV, E L**  
Airfield coatings incorporating polymer materials - Repair and maintenance p 689 A83-45029
- MARINACCI, D J**  
Compressed-air energy storage preliminary design and site development program in an aquifer Volume 5, Part 1 Turbomachinery design [DE83-004005] p 362 N83-22759
- MARIS, J L**  
Advanced technology wing structure [SAWE PAPER 1487] p 644 A83-43754
- MARKIN, K**  
Cost development of the dual-channel GPS (Global Positioning System) navigator for general aviation application [AD-A127157] p 593 N83-31591
- MARKMAN, S R**  
The United States Air Force and the use of in-flight simulation p 388 A83-32937
- MARKOV, A B**  
Conflict of interest wind modeling in aircraft response study p 189 A83-13158  
A rocket-boosted sea launched target system p 600 A83-43702  
The landing approach in variable winds Curved glidepath geometries and worst-case wind modeling [UTIAS-254] p 26 N83-10028
- MARKOWSKI, S J**  
Combustion experiments with a new burner air distribution concept [ASME PAPER 83-GT-31] p 737 A83-47893
- MARKS, K E**  
Development and production cost estimating relationships for aircraft turbine engines [AD-A123753] p 459 N83-25714
- MARKS, M D**  
Prototyping for fun and profit [AIAA PAPER 83-1045] p 415 A83-36458
- MARNER, G R**  
LHX system design for improved performance and affordability p 595 A83-41080
- MARPLE, D T F**  
Analysis, design fabrication and testing of an optical tip clearance sensor [NASA-CR-165265] p 44 N83-11127
- MARR, P R**  
Computer-generated images in visual simulation and avionic technologies p 219 A83-22835

## MARR, R. L.

In-flight structural dynamic characteristics of the XV-15 tilt-rotor research aircraft p 29 A83-10191

## MARSDEN, J. F.

Airport Surface Detection Equipment (ASDE)-3 improvements test and evaluation [DOT/FAA/RD-82/23] p 187 N83-12063

## MARSH, D. P.

Theory of transport aircraft weight fractions [SAWE PAPER 1452] p 602 A83-43734  
Optimizing tail size and wing location within loadability constraints [SAWE PAPER 1466] p 602 A83-43740

## MARSH, J. P.

Applications of autopath technology to terrain/obstacle avoidance p 23 A83-11255

## MARSHALL, F.

Structural demonstration of the SH-60B helicopter, appendix 1 and 2 [SER-520235] p 194 N83-13092

## MARSHALL, R. E. W.

Ground and flight testing on the fly-by-wire Jaguar equipped with a full time quadruplex digital integrated flight control system p 343 N83-22111

## MARSHALL, R. L.

Combustion experiments with a new burner air distribution concept [ASME PAPER 83-GT-31] p 737 A83-47893

## MARTELLI, F.

Blade design with a finite element method p 283 N83-19040

## MARTENEY, P. J.

Experimental study of the thermal stability of hydrocarbon fuels [NASA-CR-168027] p 228 N83-17728

## MARTIN, C. A.

Propeller power effects with wing flaps deflected [ARL/AERO-NOTE-413] p 393 N83-23307

## MARTIN, D. J.

Dissimilar software in high integrity applications in flight controls p 343 N83-22143

## MARTIN, D. J., JR.

Application of nonlinear adaptive motion washout to transport ground-handling simulation [NASA-TM-84568] p 265 N83-18709

## MARTIN, J. H.

Strict liability in military aviation cases - Should it apply? p 572 A83-39045  
The impact of reliability improvement warranties on naval aviation maintenance at the fleet level [AD-A126810] p 658 N83-33841

## MARTIN, L.

Improvement of a captive trajectory system by using optical distance sensors [ONERA, TP NO 1983-115] p 753 A83-49426

## MARTIN, M. R.

T55 power turbine rotor multiplane-multispeed balancing study [NASA-CR-167891] p 686 N83-33894

## MARTIN, R. M.

A note on the tip noise of rotating blades p 305 A83-23708

## MARTINEZ, R.

Aerodynamic theory for wing with side edge passing subsonically through a gust p 375 A83-32977

## MARTINI, W. R.

Whence Stirling engines p 353 A83-27265

## MARTINOV, M. I.

The short-range forecasting of meteorological conditions of the icing of aircraft on the ground and the runway at the Sofia airport p 648 A83-41585

## MARTORELLA, P.

Carrier landing simulation results of precision flight path controllers in manual and automatic approach [AIAA PAPER 83-2072] p 592 A83-41909

## MARUTHI, V.

Stress analysis of critical areas of low-pressure compressor-disc assembly of a developmental aero-engine p 449 A83-35880

## MARX, H. F.

Comparative cost of military aircraft - Fiction versus fact [AIAA PAPER 83-2565] p 711 A83-48378

## MASCOLA, R.

Single- and multiple-crater induced nosetip transition p 420 A83-36078

## MASHKIVSKIY, I. Y.

Minister reviews plans for raising efficiency of civil aviation p 176 N83-13062

## MASIULANIEC, K. C.

Numerical simulation of electrothermal de-icing systems [AIAA PAPER 83-0114] p 428 A83-36043

## MASON, A. J.

The in-service flight testing of some carbon fibre-reinforced plastic components p 599 A83-42808

## MASON, M. L.

Thrust reversing effects on horizontal tail effectiveness of twin-engine fighter aircraft [AIAA PAPER 83-0086] p 149 A83-16512

A static investigation of yaw vectoring concepts on two-dimensional convergent-divergent nozzles [AIAA PAPER 83-1288] p 421 A83-36324

Aeropropulsive characteristics of twin single-expansion-ramp vectoring nozzles installed with forward swept wings and canards [NASA-TP-2133] p 316 N83-22161

## MASON, P. W.

The application of nonlinear analysis techniques to practical structural design problems p 65 A83-12765

## MASON, W. H.

A supersonic maneuver wing designed for nonlinear attached flow [AIAA PAPER 83-0425] p 134 A83-16707

SC3 - A wing concept for supersonic maneuvering [AIAA PAPER 83-1858] p 500 A83-38685

Smart aerodynamic optimization [AIAA PAPER 83-1863] p 501 A83-38690

## MASQUELIER, M. I.

Application of the vortex-lattice method to propeller performance analysis [AD-A124837] p 459 N83-26840

## MASSMANN, L. A.

Fuel/engine/airframe trade-off study Operational effects of increased freeze point fuels [AD-A121688] p 351 N83-21169

## MAST, P. W.

The effect of loading rates, temperature and moisture on the fracture toughness of polycarbonate p 223 A83-20497

## MASTERS, C. O.

Installation, validation and flight evaluation of the Federal Aviation Administration's head-up display system [NASA-TM-85255] p 610 N83-30412

## MASURE, B.

Methods used at Aerospatiale for calculating the loads on a rotor and experimental cross checks p 194 N83-17486

## MATAMBO, T. J.

Aeroacoustics of supersonic porous plug-nozzle flows [AIAA PAPER 83-0775] p 411 A83-31325

Aeroacoustics of a porous plug supersonic jet noise suppressor [NASA-CR-169977] p 309 N83-19576

## MATARAZZO, A. D.

Low-speed aerodynamic characteristics of a generic forward-swept-wing aircraft [SAE PAPER 821467] p 496 A83-37998

## MATECKI, R.

Modern wing technology for general aviation aircraft Phase 3 Flight testing [BMFT-FB-W-82-012] p 33 N83-11121

## MATEER, G. G.

Contouring tunnel walls to achieve free-air flow over a transonic swept wing [AIAA PAPER 83-1725] p 492 A83-37211

## MATESCU, D.

Supersonic flow around a conical fuselage of arbitrary section isolated or equipped with a delta wing with subsonic leading edges p 7 A83-10579

## MATEJCZYK, D. E.

The effects of small deformation on creep and stress rupture of ODS superalloys [AD-A125640] p 553 N83-28212

## MATHE, P. L.

Fly by wire control Towards new norms for judging flight qualities An example The Mirage 2000 p 49 N83-10060

The high angle of attack behavior of a combat aircraft Correlation between prediction and flight p 604 N83-30367

## MATHESON, N.

A projected large low-speed wind tunnel to meet Australian requirements Aerodynamics note [AD-A118913] p 209 N83-13125

## MATHEWS, M. K.

Computer modeling of aircraft cabin fire phenomena [PB83-119891] p 319 N83-22174

## MATHIOUDAKIS, K.

Flow in rotating stall cells of a low speed axial flow compressor p 419 A83-35874

## MATHIPRAKASAM, B.

Evaluation of methods for rapid determination of freezing point of aviation fuels [NASA-CR-167981] p 60 N83-10207

## MATSUDA, S.

Experiments of Omega for aviation p 255 A83-24862

## MATSUDA, Y.

An engine installation for fan jet STOL aircraft using USB powered high lift system (I) engine matching test for circular confluent exhaust duct [NAL-TR-703] p 200 N83-12086

## MATSUKI, M.

On the propulsion system of the NAL quiet STOL research aircraft p 446 A83-35831

Powered lift aerodynamics of USB STOL aircraft [AIAA PAPER 83-1848] p 499 A83-38676

An engine installation for fan jet STOL aircraft using USB powered high lift system (II) engine matching test for circular confluent exhaust duct [NAL-TR-703] p 200 N83-12086

## MATSUSHITA, O.

Rotor vibration caused by external excitation and rub p 187 N83-15637

## MATSUZAKA, M.

Flat spin of slender bodies at high angles of attack p 286 A83-24879

## MATSUZAKA, Y.

A new static-launch method for plastic balloons p 548 A83-39816

## MATSUZAKI, Y.

The estimation method on flutter boundary from subcritical random responses due to air turbulences Problems of test procedures and data analysis [NAL-TR-718] p 217 N83-17554

## MATTHEWS, D. W.

The significant elements of the reliability and maintainability programs for the modernized Cobra helicopter weapons/weapons control systems p 406 A83-31499

## MATUK, C.

Impact damping and airplane towing p 428 A83-33625

Flight tests of tow wire forces while flying a racetrack pattern p 439 A83-36919

## MATVEEV, V. N.

Determination of the region of efficient use for microturbines with working medium recirculation p 273 A83-23440

## MATVEEV, V. V.

A study of the damping capacity of rods in a centrifugal force field p 695 A83-45322

## MATWEY, M. D.

Inlet-fan flow field computation [ASME PAPER 83-GT-41] p 713 A83-47901

## MAURER, F.

Status report on the European Transonic Wind Tunnel and on the Cologne Cryotunnel p 752 A83-47207

## MAVRIPLIS, F.

Comparison of prediction, wind tunnel and flight test data for the Canadair Challenger turbofan aircraft p 604 N83-30365

## MAVRITSKII, V. I.

Investigation of possible LTA craft application to solve national economy problems p 317 A83-28194

## MAY, F. W.

An aftbody drag prediction technique for military airlifters [AIAA PAPER 83-1787] p 496 A83-38627

## MAY, R. J., JR.

Tactical aircraft engine usage - A statistical study p 274 A83-24033

Analysis of engine usage data for tactical systems [AIAA PAPER 81-1370] p 337 A83-29011

## MAYBECK, P. S.

Investigation of constant turn-rate dynamics models in filters for airborne vehicle tracking p 71 A83-11190

## MAYBOURN, R.

GPS for Marine navigation p 723 A83-48734

## MAYER, C.

High accuracy fuel flowmeter, phase 1 [NASA-CR-167893] p 359 N83-21314

## MAYER, L. A.

Fire extinguishant materials [NASA-CASE-ARC-11252-1] p 759 N83-36118

## MAYER, M. S.

Electronic voice communications improvements for Army aircraft [AD A119427] p 183 N83-14387

## MAYER, N. J.

1983 LTA technology assessment [AIAA PAPER 83-1617] p 437 A83-36406

A study of dingibles for use in the Peruvian Selva Central region [AIAA PAPER 83-1970] p 508 A83-38902

A study of dingibles for use in the Peruvian Selva Central Region [NASA-TM-85633] p 314 N83-20916

A study of dingibles for use in the Peruvian Selva Central region [NASA-TM-85634] p 315 N83-20917



- MAYES, W. H.**  
A new measurement method for separating airborne and structureborne aircraft interior noise p 366 A83-28186
- MAYLE, R. E.**  
Gas turbine engines p 532 A83-37274  
Heat transfer at the tip of an unshrouded turbine blade p 642 A83-42706
- MAYNARD, J. A.**  
Airborne Flight Test System (AFTS) [AD-A115100] p 66 N83-10330
- MAYS, J. A.**  
Calligraphic/raster color display for simulation p 231 A83-22832
- MAZUR, V.**  
Conditions conducive to lightning striking an aircraft in a thunderstorm p 588 N83-31236
- MAZZINGHI, P.**  
Lidar remote-sensing - Fluorescence and differential reflectance experiments p 704 A83-45420
- MBA, M. N.**  
Prediction and experimental verification of the velocity fields of a rotor during hovering p 193 N83-17477
- MCAFFEE, R. S., JR.**  
Coaxial supersonic jet-flows, shock structure and related problems with noise-suppression assessment and prediction [AIAA PAPER 83-0707] p 366 A83-28011
- MICALISTER, K. W.**  
The effect of a leading-edge slat on the dynamic stall of an oscillating airfoil [AIAA PAPER 83-2533] p 716 A83-48368  
An experimental study of dynamic stall on advanced airfoil section Volume 2 Pressure and force data [NASA-TM-84245-VOL-2] p 179 N83-12048
- MICARDLE, J. G.**  
A compact inflow control device for simulating flight fan noise [AIAA PAPER 83-0680] p 365 A83-28005  
Experimental program for the evaluation of turbofan/turboshaft conversion technology [NASA TM-82988] p 44 N83-11130  
A compact inflow control device for simulating flight fan noise [NASA-TM-83349] p 482 N83-26643  
Effects of wind on turbofan engines in outdoor static test stands [NASA-TM-83493] p 747 N83-34945
- MCAVOY, J.**  
Acoustic environment in large enclosures with a small opening exposed to flow p 237 A83-22161
- MCCABE, L.**  
Airport landside Volume 1 Planning guide [AD-A117599] p 56 N83-10083  
Airport landside Volume 2 The Airport Landside Simulation Model (ALSIM) description and users guide [AD-A117600] p 56 N83-10084  
Airport landside Volume 3 ALSIM calibration and validation [AD-A117601] p 57 N83-10085  
Airport landside Volume 4 Appendix A ALSIM AUXILIARY and MAIN programs [AD-A117602] p 57 N83-10086  
Airport landside Volume 5 Appendix B ALSIM subroutines [AD-A117603] p 57 N83-10087
- MCCAFFREY, G. F. W.**  
Canadian forces tracker aircraft full-scale fatigue test at the National Aeronautical Establishment p 433 A83-33548
- MCCAIN, W. E.**  
Comparison of analytical and experimental subsonic steady and unsteady pressure distributions for a high-aspect-ratio-supercritical wing model with oscillating control surfaces [NASA TM-84490] p 9 N83-10017
- MCCALL, D. L.**  
Cockpit weather radar display demonstrator and ground-to-air slencs telemetry system [NASA-CR-169830] p 210 N83-17534
- MCCALL, M. B.**  
Embedded microprocessors for avionics applications p 70 A83-11104  
Advanced avionics systems for multimission applications, volume 2 [AD-A121794] p 271 N83-19750
- MCCALLUM, M. C.**  
Application of coding methods in development of symbology for a computer generated topographic display for Army aviators [AD-A118142] p 38 N83-11124
- MCCALLUM, R.**  
Casting critical components [NEL-681] p 218 N83-13294
- MCCANN, M. K.**  
Experimental and analytical investigation of the subsonic aerodynamics of slender wings with leading-edge vortex flaps [AIAA PAPER 83-2113] p 579 A83-41940
- MCCARTHY, J.**  
Applications of Doppler radar to aviation operations - JAWS experiences [AIAA PAPER 83-0205] p 188 A83-16583  
Joint Airport Weather Studies (AWS) project p 704 N83-33840
- MCCARTY, J. E.**  
Advanced composite elevator for Boeing 727 aircraft, volume 2 [NASA-CR 159258] p 205 N83-16330  
Commercial transport aircraft composite structures p 693 N83-33958
- MCCARTY, J. L.**  
Results from recent NASA tire thermal studies p 360 N83-21401
- MCCARTY, J. R.**  
Philosophy of automated balance calculations [SAWE PAPER 1470] p 585 A83-43744
- MCCARTY, R. E.**  
Simulation of T 38 aircraft student canopy response to cockpit pressure and thermal loads using MAGMA [AIAA 83-0942] p 328 A83-29772  
Finite-element analysis of the T-38 canopy p 594 A83-41044
- MCCLELLAN, T. R.**  
Experimental investigation of thrust augmenting ejectors using vane excited primary jets [AD-A120424] p 167 N83-15313
- MCCLENNAN, D. H.**  
Weight control program for a graphite/epoxy aircraft [SAWE PAPER 1485] p 635 A83-43752
- MCCCLINTOCK, F. A.**  
Influence of overloads and block loading sequences on mode III fatigue crack propagation in A469 rotor steel p 551 A83-39075
- MCCCLURE, R. D.**  
Analytical and experimental investigation of a bearingless hub-absorber p 594 A83-41077
- MCCCLURE, W. B.**  
An experimental study into the scaling of an unswept sharp-in-generated shock/turbulent boundary layer interaction [AD A126919] p 645 N83-30967
- MCCOMB, H. G., JR.**  
Safe structures for future aircraft p 676 A83-46350  
Advanced structures technology p 564 N83-29733  
[NASA-TM-85664]
- MCCONKEY, E. D.**  
Flight test evaluation of Loran-C in Alaska p 671 A83-46955  
Instrument approach aids for helicopters [FAA RD-82-6] p 187 N83-12061  
Application of the microwave landing system to helicopter operations [FAA RD-82-40] p 187 N83-12068  
Alaska Loran-C flight test evaluation [AD A126933] p 724 N83-34930
- MCCONNELL, P. M.**  
Operational effects of increased freeze point fuels in military airplanes [AIAA PAPER 83-1139] p 550 A83-38077  
Fuel/engine/airframe trade off study Operational effects of increased freeze point fuels [AD A121688] p 351 N83-21169
- MCCOOL, J. I.**  
The load-life relationship for M50 steel bearings with silicon nitride ceramic balls [ASLE PREPRINT 82-LC-3C 4] p 212 A83-13239
- MCCOOMB, L. A.**  
Planning intra-airport transportation A framework for decision making [AIAA PAPER 83-1585] p 399 A83-33356
- MCCORD, J. E.**  
Simulator investigation plan for digital flight controls validation technology [NASA-CR-166427] p 345 N83-22214
- MCCORMICK, D.**  
Pilot task profiles, human factors, and image realism p 219 A83-22836
- MCCRACKEN, W.**  
Future trends in the use of infrared line scanners for airborne reconnaissance p 209 A83-22578
- MCCROSKEY, W. J.**  
Interactions of airfoils with gusts and concentrated vortices in unsteady transonic flow [AIAA PAPER 83-1691] p 502 A83-39267  
An experimental study of dynamic stall on advanced airfoil section Volume 2 Pressure and force data [NASA-TM 84245-VOL-2] p 179 N83-12048  
The phenomenon of dynamic stall p 314 N83-20896
- MCCULLOUGH, J. E.**  
Evaluating Scroll refrigerant compressors for reducing size and weight of military aircraft ECS [SAE PAPER 820877] p 263 A83-25771
- MCCUNE, J. E.**  
Current problems in turbomachinery fluid dynamics [AD-A126478] p 747 N83-34949
- MCDANIELS, D. L.**  
Evaluation of low-cost aluminum composites for aircraft engine structural applications [NASA-TM-83357] p 470 N83-25790
- MCDDEVITT, J. B.**  
A new facility and technique for two-dimensional aerodynamic testing p 398 A83-32585
- MCDONALD, K. D.**  
Summary of the FAA's future navigation system mix evaluation, through May 1982 [AD-A119314] p 146 N83-14099
- MCDONALD, W. B.**  
Prediction of high bypass ratio engine static and flyover jet noise [AIAA PAPER 83-0773] p 281 A83-25958
- MCDONOUGH, T.**  
CONEX gyroscope p 354 A83-28782
- MCDUGAL, J. R.**  
Computer models for determining countermeasures effectiveness of expendables in air-to-air engagements p 70 A83 11162
- MCFADDEN, B. L.**  
Aircraft super integrated power unit [SAE PAPER 821461] p 534 A83-37995  
Application of a hot gas high pressure rotary vane motor to aircraft APU starting [SAE PAPER 821464] p 534 A83-37997
- MCFADDEN, G.**  
Computational fluid dynamics of airfoils and wings p 313 A83-29927
- MCFARLAND, R. E.**  
Spectral decontamination of a real time helicopter simulation [AIAA PAPER 83-1087] p 436 A83 36211
- MCFARLAND, R. H.**  
An experimental investigation of the efficacy of automated weather data transmission to aircraft in flight [FAA-PM-83-11] p 390 N83 23302
- MCGARY, M. C.**  
A new measurement method for separating airborne and structureborne aircraft interior noise p 366 A83-28186  
A new measurement method for separating airborne and structureborne noise radiated by aircraft type panels [NASA-TP-2079] p 73 N83-11838
- MCGEE, L. A.**  
Helical automatic approaches of helicopters with microwave landing systems [NASA-TP 2109] p 260 N83 18704
- MCGHEE, R. J.**  
Low speed aerodynamic characteristics of a 17 percent-thick supercritical airfoil section including a comparison between wind-tunnel and flight data [NASA-TM-X-25711] p 6 N83 11034  
Low speed aerodynamic characteristics of a 17-percent thick medium speed airfoil designed for general aviation applications [NASA TP-1786] p 191 N83-16290  
Low-speed aerodynamic characteristics of a 14-percent-thick NASA phase 2 supercritical airfoil designed for a lift coefficient of 0.7 [NASA-TM 81912] p 317 N83-22167
- MCGILL, I. R.**  
A fundamental basis for using the platinum group elements as alloying additions in nickel-base alloys to improve high temperature corrosion p 757 A83-49501
- MCGINTY, A. B.**  
(?) The Air Force Geophysics Laboratory Aeronomy, aerospace instrumentation, space physics, meteorology, terrestrial sciences and optical physics [AD A126004] p 767 N83-36570
- MCGLONE, M. E.**  
Full Authority Fault Tolerant Electronic Engine Control systems for advanced high performance engines (FAFTEEC) [SAE PAPER 821398] p 532 A83 37972
- MCGOUGH, J.**  
Advanced flight control system study [NASA-CR-163120] p 170 N83-15316
- MCGOUGH, J. G.**  
New results in fault latency modelling [AIAA PAPER 83-2303] p 650 A83 41760
- MCGOWAN, L. A.**  
Vertical impact tests of a modified F/B-111 crew seat to evaluate headrest position and restraint configuration effects [AD-A120255] p 197 N83-16311
- MCGUIRE, P. D.**  
Cryogenic wind tunnels for high Reynolds number testing p 398 A83-32175

- High Reynolds number tests of the CAST 10-2/DOA 2 airfoil in the Langley 0.3-meter transonic cryogenic tunnel, phase 1  
[NASA-TM 84620] p 424 N83-25660
- MCHALE, A.**  
Investigation of the RF properties of carbon fiber composite materials  
[ERA-81-109] p 552 N83-28084  
Further measurements of the screening effectiveness of carbon fiber composite materials p 552 N83-28088  
The electromagnetic environment of an airframe partly constructed from carbon fiber composite material  
p 552 N83-28090  
The performance of VHF and UHF aerials mounted on carbon fiber composite materials p 560 N83-28092  
EMC implications of using CFC materials in aircraft manufacture p 552 N83-28093
- MCHUGH, F. J.**  
Variable camber rotor study  
[NASA-CR-166382] p 266 N83-19740
- MCINTIRE, T. O.**  
Infrared target array development p 268 N83-23527
- MCKAY, K.**  
Experience of non-linear high incidence aerodynamic characteristics p 50 N83-10070
- MCKELVEY, F. X.**  
Impact of stretching wide-bodied aircraft on existing airport facilities  
[AIAA PAPER 83-1578] p 398 N83-33351
- MCKERNAN, J. F.**  
An investigation of the breakdown of the leading edge vortices on a delta wing at high angles of attack  
[AIAA PAPER 83-2114] p 579 N83-41941
- MCKINLEY, J. B.**  
Application of the microwave landing system to helicopter operations  
[FAA-RD-82-40] p 187 N83-12068  
The analysis of integrated fuel efficient, low noise procedures in taxi terminal area operations p 202 N83-17459
- MCKINNEY, L. W.**  
Effect of wing-mounted nacelles on a 42 deg swept supercritical wing configuration at near-sonic speeds  
[NASA-TM-X-2954] p 4 N83-11025
- MCKINNEY, S. C.**  
Two years of training with the first true three-dimensional simulator p 218 N83-22833
- MCKINNEY, W. D.**  
Preliminary report on the engineering development of the Magnus Aerospace Corp LTA 20-1 heavy-lift aircraft p 327 N83-28193  
Development of the Magnus Aerospace Corporation's rotating-sphere airship  
[AIAA PAPER 83-2003] p 523 N83-38922
- MCKISSICK, B. T.**  
Comparison of simulator fidelity model predictions with in-simulator evaluation data  
[NASA-TP-2106] p 266 N83-18715
- MCKNIGHT, R. L.**  
Turbine blade nonlinear structural and life analysis  
p 337 N83-29024  
Multiaxial cyclic thermoplasticity analysis with Besseling's subvolume method p 703 N83-34356
- MCLAFFERTY, G. H.**  
Results of tests of a rectangular vectoring/reversing nozzle on an F100 engine  
[AIAA PAPER 83-1285] p 454 N83-36322
- MCLALLIN, K. L.**  
Effects of interstage diffuser flow distortion on the performance of a 15 41-centimeter tip diameter axial power turbine  
[NASA-TM-83359] p 394 N83-24505
- MCLAREN, S. W.**  
An investigation and comparison of the aerodynamic performance of selected hang-glider airfoil sections  
[BU-276] p 192 N83-16305
- MCLAUGHLIN, A. L.**  
State of the art survey on confined base courses for utility airport pavements  
[FAA-PM-83-24] p 690 N83-32813
- MCLEAN, D.**  
Globally stable nonlinear flight control system  
p 395 N83-32425  
Application of optimal control theory to aircraft gust load alleviation p 619 N83-41484
- MCMANIS, J. R.**  
Validation of software for integration of missiles with aircraft systems p 364 N83-22140
- MCMANUS, K. R.**  
Importance of inlet boundary conditions for numerical simulation of combustor flows  
[AIAA PAPER 83-1263] p 454 N83-36314
- MCMASTERS, J. H.**  
Some recent applications of high-lift computational methods at Boeing p 178 N83-15313
- A method for predicting low-speed aerodynamic characteristics of transport aircraft  
[AIAA PAPER 83-1845] p 499 N83-38673
- MCMILLAN, O. J.**  
Blade erosion effects on aircraft-engine compressor performance  
[DE82-021791] p 213 N83-16346  
Development of a procedure for calculating the effects of airfoil erosion on aircraft engine compressor performance p 213 N83-17457
- MCMILLEN, J. L.**  
Comparison of the Mode S system to the Automated Radar Terminal System (ARTS) with respect to range and azimuth resolution  
[AD-A118247] p 27 N83-11104
- MCNEILL, W.**  
Carrier landing simulation results of precision flight path controllers in manual and automatic approach  
[AIAA PAPER 83-2072] p 592 N83-41909
- MCNICHOLS, G. R.**  
Summary of analysis of sources of forecasting errors in BP 1500 requirements estimating process and description of compensating methodology  
[AD-A128548] p 577 N83-31574
- MCNULTY, J. S.**  
Analytical techniques for aromatic components in aircraft fuels  
[AD-A118838] p 211 N83-12252
- MCPHERSON, K. F.**  
PAN AIR modeling studies  
[AIAA PAPER 83-1830] p 498 N83-38660
- MCPHETRES, G. H.**  
Tethered aerostat operations in arctic weather  
[AIAA PAPER 83-1998] p 522 N83-38919
- MCRUER, D.**  
Determination of motion and visual system requirements for flight training simulators  
[AD-A117555] p 57 N83-11149  
Progress and pitfalls in advanced flight control systems p 342 N83-22094  
Flying qualities of relaxed static stability aircraft, volume 1  
[AD-A128758] p 333 N83-22189  
Flying qualities of relaxed static stability aircraft, volume 2  
[AD-A128720] p 333 N83-22190
- MCSWEENEY, S. C.**  
Integrated and transferable hardware/software checkout p 71 N83-11249
- MCTIGUE, T. V.**  
F/A-18 software development A case study p 364 N83-22145
- MCVEY, J. B.**  
Evaluation of synthetic-fuel character effects on rich-lean stationary gas-turbine combustion systems  
Volume 2 Full-scale test program  
[DE83-902337] p 694 N83-34067
- MCWITHEY, R. R.**  
Fabrication and evaluation of brazed titanium-clad borosic/aluminum skin-stringer panels  
[NASA TP-1674] p 552 N83-28098
- MEAD, H. R.**  
A multi-grid method for the computation of viscid/inviscid interactions on airfoils  
[AIAA PAPER 83-0234] p 132 N83-16602
- MEADOR, J. D.**  
Components for digitally controlled aircraft engines  
[NASA-CR-165296] p 201 N83-12089
- MEALY, G. L.**  
Application of multiple model estimation to a recursive terrain height correlation system p 257 N83-26264
- MEDGYESIMITSCHANG, L. N.**  
Algorithm for Surface of Translation Attached Radiators (A STAR) Volume 1 Formulation of the analysis  
[AD-A118459] p 217 N83-12318
- MEDVEDEV, V. M.**  
The measurement of pressure pulsations by means of piezoelectric transducers p 640 N83-41891
- MEECHAM, W. C.**  
Aerosound from corner flow and flap flow  
[AIAA PAPER 81-2039] p 237 N83-19813
- MEEKS, M. L.**  
Multiple diffraction effects in VHF propagation p 182 N83-18725
- MEEROVICH, G. SH.**  
The tasks and organization of the flight testing of airplanes and helicopters p 674 N83-43901
- MEHMED, O.**  
Bending-torsion flutter of a highly swept advanced turboprop  
[NASA-TM-82975] p 68 N83-11514
- MEHRA, R. K.**  
Bifurcation and limit cycle analysis of nonlinear systems with an application to aircraft at high angles of attack p 544 N83-37080
- MEI, C.**  
Large amplitude multimode response of clamped rectangular panels to acoustic excitation  
[AIAA 83-1033] p 358 N83-29879
- MEIER, R.**  
Economic riveting p 697 N83-32714
- MEIJER, J. J.**  
On measuring transonic dips in the flutter boundaries of a supercritical wing in the wind tunnel  
[AIAA 83-1031] p 331 N83-29878
- MEINEKE, E.**  
The wake of a sideslipping wing in low speed flow  
[VKI-TN-143] p 192 N83-16301
- MEISTER, N.**  
F-104 CCV research flight test program p 215 N83-20074
- MELANDER, B. G.**  
Atmospheric electricity threat definition for aircraft lightning protection p 586 N83-31192
- MELCHIORIS, D.**  
Re-engineing applications of T56 derivative engines  
[SAE PAPER 821444] p 518 N83-37992
- MELLOR, A. M.**  
Characteristic time ignition model extended to an annular gas turbine combustor p 39 N83-10666
- MELNIK, R. E.**  
A multi grid method for the computation of viscid/inviscid interactions on airfoils  
[AIAA PAPER 83-0234] p 132 N83-16602
- MELNYK, M. S.**  
Comparison of the Bode envelope criterion with other criteria  
[AIAA PAPER 83-2073] p 624 N83-41910
- MELTON, R. B.**  
Develop in-flight acoustic emission monitoring of aircraft to detect fatigue crack growth p 195 N83-15197
- MELTON, R. G.**  
Aircraft trajectories for reduced noise impact p 667 N83-43971  
Minimum noise impact aircraft trajectories p 515 N83-29191
- MELTON, W. C.**  
Applications of time transfer using Navstar GPS p 673 N83-46964
- MELVIN, W. W.**  
Summary Proceedings of a Wind Shear Workshop  
[NASA-CP-2270] p 410 N83-25265
- MENARD, M.**  
Contribution to the aerodynamic study of wings and propellers  
[NASA TM-77083] p 584 N83-31579
- MENDELSON, M. I.**  
Evaluation of air-cooled Si3N4 vanes p 224 N83-22263
- MENDOZA, J. P.**  
Adaptive-wall wind-tunnel research at Ames Research Center p 349 N83-20972
- MENEGHINI, R.**  
The outlook for precipitation measurements from space p 410 N83-25316
- MENG, P. R.**  
Multi fuel rotary engine for general aviation aircraft  
[NASA-TM-83429] p 539 N83-29235  
Multi-fuel rotary engine for general aviation aircraft  
[NASA-TM-85428] p 748 N83-36031
- MENGER, R. P.**  
Effects of aerodynamic interaction between main and tail rotors on helicopter hover performance and noise  
[NASA-CR-166477] p 376 N83-23275
- MENNING, R. H.**  
Analysis of a turbine rotor containing a transverse crack at Oak Creek Unit 17 p 186 N83-15632
- MENON, P. K. A.**  
Optimal symmetric flight with an intermediate vehicle model  
[AIAA PAPER 83-2238] p 596 N83-41715
- MENTE, L. J.**  
NOVA-2S correlation with KC-135A fuselage shock tube test results  
[AD-A124013] p 466 N83-25732
- MEPHAM, S.**  
NASA/RAE collaboration on nonlinear control using the F-8C digital fly by wire aircraft  
[NASA-TM-84296] p 396 N83-23316
- MERCADANTE, R.**  
Divergence suppression system for a forward swept wing configuration with wing-mounted stores  
[AIAA PAPER 83-2125] p 625 N83-41949
- MERCER, J.**  
Calculation of transonic potential flow around a wing-body-tail combination  
[AD-A124247] p 378 N83-24482
- MERCIER, O. L.**  
The construction of augmented tracking regulators for piloting highly maneuverable aircraft  
[ONERA, TP NO 1982 118] p 284 N83-24329

- Interactive fine tuning of linear-quadratic governors by selective and direct action on the poles of the control system  
[ONERA, TP NO 1983-21] p 480 A83-36430
- Nonlinear control law for piloting aircraft in the air-to-ground attack phase  
[ONERA, TP NO 1983-37] p 687 A83-44315
- Designing improved tracking regulators for piloting highly maneuverable aircraft  
p 342 N83-22095
- MERKLEY, D. J.  
DATAMAP and its impact on prediction programs  
p 236 N83-17489
- MERKULOV, A. P.  
A method for ensuring the proper operation of an optical instrument for measuring the temperature of the blades of a high temperature turbine  
p 609 A83-42152
- MERMAGEN, W. H.  
On-board instrumentation for test vehicles with varying roll rates  
[AIAA PAPER 83-0570] p 158 A83-16797
- MERRICK, V. K.  
Simulation evaluation of flight controls and display concepts for VTOL shipboard operations  
[AIAA PAPER 83-2173] p 575 A83-41668
- MERRITT, J. O.  
Issues in the evaluation of 3-D display applications  
p 309 N83-20699
- MERRITT, P. H.  
A precision inertial angular vibration measuring system  
p 644 N83-30758
- MERRITT, R. G.  
Analysis of missile response to gunfire environment  
p 384 A83-31495
- MERZ, H.  
A new technology gas generator for medium-power shaft-turbine engines  
p 737 A83-47217
- Advanced compressor components for aero engines  
Phase 2 (1980-1981)  
[BMFT FB-W 82-022] p 394 N83-23311
- MESHCHERIAKOV, E. A.  
Characteristics of the supersonic combustion of nonmixed gases in ducts  
p 758 A83-49778
- MESSERSCHMID, E.  
Alternative techniques to GPS/NAVSTAR  
p 513 A83-38937
- MESSITER, A. F.  
Flow problems in turbomachines  
[AD A128675] p 749 N83-36032
- MESTRE, A.  
A reverse flow chamber for small turbomachines  
[ONERA, TP NO 1983-30] p 683 A83-44309
- METZ, T. R.  
Development of simulated mission endurance test acceleration factors in determining engine component serviceability and failure mode criticality  
[AIAA PAPER 83-1409] p 457 A83-36398
- METZGER, D. E.  
Gas turbine engines  
p 532 A83-37274
- Heat transfer at the tip of an unshrouded turbine blade  
p 642 A83-42706
- Pressure loss and heat transfer through multiple rows of short pin fins  
p 642 A83-42709
- Developments in air cooling of gas turbine vanes and blades  
[ASME PAPER 83-GT-160] p 742 A83-47984
- METZGER, F. B.  
Measurements and predictions of turboprop noise at high cruise speed  
[AIAA PAPER 83-0689] p 365 A83-28008
- METZGER, R.  
Smooth and simple - The Bell Model 680 bearingless main rotor  
p 388 A83-33098
- METZLER, M. W.  
Environmental control of an aircraft pod mounted electronics system  
[SAE PAPER 820869] p 263 A83-25768
- MEURZEC, J. L.  
Comparison of computed and measured unsteady pressure fields of a supercritical wing  
p 314 N83-20903
- MEVREL, R.  
Aluminide coatings on superalloys  
[ONERA, TP NO 1983-68] p 756 A83-48189
- MEYER, E. E.  
An aeroelastic analysis of the Darneus wind turbine  
p 220 N83-13476
- MEYER, G.  
Design of a helicopter autopilot by means of linearizing transformations  
[NASA TM 84295] p 52 N83-11140
- MEYER, J. F.  
Models and techniques for evaluating the effectiveness of aircraft computing systems  
[NASA-CR-170229] p 411 N83-24184
- MEYER, L. O.  
Manufacturing comparisons of aviation and motor gasolines  
p 352 N83-22448
- MEYER, R.  
Advances in methods for predicting store aerodynamic characteristics in proximity to an aircraft  
[AIAA PAPER 83-0266] p 133 A83-16622
- MEYER, R. C.  
A new approach to weapon separation aerodynamics  
p 177 A83-13164
- MEYER, R. R., JR.  
A unique flight test facility  
[NASA-TM-84900] Description and results  
p 208 N83-13124
- MEYER, R. T.  
Suggested changes in large aircraft flying qualities criteria  
[AIAA PAPER 83-2071] p 624 A83-41908
- MEYER, T. O.  
Velocity perturbation of a flyer approaching a rigid impermeable barrier and the transmitted pressure pulse  
[DE83-007770] p 632 N83-30443
- MEYER, W. L.  
Prediction of sound radiation from different practical jet engine inlets  
[NASA-CR-169533] p 223 N83-13936
- MEYERHOFF, N. J.  
Modeling the spatial distribution of aircraft on visual flight rules  
p 253 A83-24040
- MEYERS, D. N.  
Hybrid LTA vehicle controllability as affected by buoyancy ratio  
[NASA-CR 152344] p 204 N83-12099
- MEYERS, G. J.  
Nonlinear structural and life analyses of a combustor liner  
p 65 A83-12764
- MEYERS, J. F.  
Preliminary rotor wake measurements with a laser velocimeter  
[NASA TM-83246] p 301 N83-19018
- MEZENTSEV, V. G.  
The reliability of aviation systems  
p 299 A83-25621
- MIAO, W.  
Development of monofilar rotor hub vibration absorber  
[NASA-CR 166088] p 549 N83-29272
- MICHAEL, C. J.  
Energy efficient engine low-pressure compressor component test hardware detailed design report  
[NASA-CR-165354] p 616 N83-30427
- MICHAELS, J.  
Electromagnetic environment simulation for TCAS avionics  
p 141 A83-17304
- MICHEL, J. P.  
Cathode ray tubes  
p 611 N83-30417
- Vacuum fluorescent tubes  
p 611 N83-30422
- Large area gas discharge displays or plasma displays  
p 611 N83-30423
- MICHEL, M. S.  
Fiber optic aircraft multiplex systems  
Planning for the 1990s  
p 20 A83-11180
- MICHEL, U.  
An improved jet noise scaling law which incorporates phase differences due to flight effects  
[AIAA PAPER 83-0747] p 307 A83-25949
- MICILLO, C.  
High-technology factory of the future  
p 405 A83-31052
- MIDDLETON, V. E.  
A computer simulation of aircraft evacuation with fire  
[NASA-CR 166511] p 589 N83-31586
- MIDDLETON, W. D.  
Study of supersonic wings employing the attainable leading-edge thrust concept  
[NASA-CR 3637] p 180 N83-13073
- MIERAS, H.  
Polarization null characteristics of simple targets  
[AD-A129303] p 765 N83-38312
- MIETH, H.-J.  
A nonlinear smoothing procedure for the reconstruction of flight trajectories on the basis of radar data  
p 185 A83-14494
- MIETRACH, D.  
MRCA run-in floors  
p 658 N83-32711
- MIGLIORE, P. G.  
Comparison of NACA 6-series and 4-digit airfoils for Darneus wind turbines  
p 564 A83-38013
- MIGNOSI, A.  
Problems involved by the instrumentation and the conception of cryogenic tests  
p 465 N83-25725
- Studies on the cryogenic induction driven wind tunnel T2  
p 548 N83-28004
- MIH, D.  
Multisegment eddy current probe  
p 214 A83-15191
- MIHARA, K.  
Traumatic occlusion of the vertebral artery caused by neck rotation  
[AD-A126922] p 606 N83-30409
- MIHELIC, M. S.  
An experimental investigation of endwall heat transfer and aerodynamics in a linear vane cascade  
[ASME PAPER 83-GT-52] p 714 A83-47909
- MIKELADZE, V. G.  
The fundamental geometrical and aerodynamic characteristics of aircraft and rockets  
p 7 A83-10669
- MIKHAILOV, F. A.  
Using adaptive control to synthesize invariant and partially autonomous automatic stabilization systems  
p 460 A83-33900
- MIKIRTICHAN, V. M.  
The entropy efficiency of blade machines  
p 162 A83-16953
- MIKSAD, R. W.  
Experiments on the role of amplitude and phase modulations during transition to turbulence  
p 213 A83-14576
- MIKULLA, V.  
Transonic effects on helicopter rotor blades  
p 716 A83-49178
- Transonic effects on helicopter rotor blades  
[MBB 349-81-O-E] p 195 N83-17520
- MILES, G.  
Application of 3D aerodynamic/combustion model to combustor primary zone study  
[AIAA PAPER 83-1265] p 454 A83-36316
- MILES, J. H.  
Cross spectra between temperature and pressure in a constant area duct downstream of a combustor  
[AIAA PAPER 83-0762] p 481 A83-33487
- MILEY, S. J.  
A catalog of low Reynolds number airfoil data for wind turbine applications  
[RFP 3387] p 665 N83-32772
- MILGRAM, D. L.  
Intelligent control of tactical target cueing  
p 25 A83-12879
- MILLAR, J.  
An analytical evaluation of three visual approach slope indicators  
[AD A122973] p 382 N83-23290
- MILLER, B. A.  
Advanced escape system design for future combat aircraft  
p 190 A83-15436
- MILLER, B. D.  
Application of forward sweep wings to an air combat fighter  
[AIAA PAPER 83-1833] p 520 A83-38662
- MILLER, B. L.  
Experimental results of using the GPS for Landsat 4 onboard navigation  
p 672 A83-46963
- MILLER, C. A.  
TCAS program  
p 145 N83-14081
- TCAS 2 operational doctrine  
p 145 N83-14083
- MILLER, D. E.  
The influence of reference system disparity on navigation and positioning  
[AD-A125546] p 515 N83-29195
- MILLER, D. S.  
A supersonic maneuver wing designed for nonlinear attached flow  
[AIAA PAPER 83-0425] p 134 A83-16707
- Influence of leading-edge thrust on twisted and cambered wing design for supersonic cruise  
p 312 A83-29018
- An investigation of wing leading-edge vortices at supersonic speeds  
[AIAA PAPER 83-1816] p 498 A83-38648
- Status review of a supersonically-based fighter wing-design study  
[AIAA PAPER 83-1857] p 521 A83-38684
- Theoretical and experimental investigation of supersonic aerodynamic characteristics of a twin-fuselage concept  
[NASA-TP 2184] p 665 N83-32776
- MILLER, E. H.  
Performance of a forward swept wing fighter utilizing thrust vectoring  
[AIAA PAPER 83-2482] p 727 A83-48344
- MILLER, F. H.  
Chemical defense, environmental control systems study  
[SAE PAPER 820866] p 384 A83-30944
- MILLER, G. D.  
Rigid body structural mode coupling on a forward swept wing aircraft  
p 594 A83-41046
- MILLER, M. C.  
Wind tunnel measurements of the Magnus induced surface pressures on a spinning projectile in the transonic speed regime  
[AIAA PAPER 83-1838] p 499 A83-38667
- Experimental aerodynamic facilities of the Aerodynamics Research and Concepts Assistance Section  
[AD-A126272] p 549 N83-29274

- MILLER, R. B.**  
A new strapdown attitude algorithm p 511 A83-37068
- MILLER, R. H.**  
Vortex theory for hovering rotors p 177 A83-13144  
Rotor hovering performance using the method of fast free wake analysis p 190 A83-22162  
Simplified free wake analysis for rotors [FFA-TN 1982-07] p 195 N83-17518
- MILLER, R. J.**  
Full Authority Fault Tolerant Electronic Engine Control systems for advanced high performance engines (FAFTEEC) [SAE PAPER 821398] p 532 A83-37972
- MILLER, S.**  
Application of the PANAIR production code to a complex canard/wing configuration [AIAA PAPER 83-0009] p 136 A83-17902
- MILLER, T.**  
Radiation patterns of a quarter-wave monopole on a finite ground plane p 144 A83-18682
- MILLER, T. J.**  
Research on ultra-high-temperature materials, monolithic ceramics, ceramic matrix composites and carbon/carbon composites p 211 N83-12161
- MILLER, V. R.**  
Analysis of the effects of explosive fuel ignition on an aircraft noise suppressor system p 43 N83-10247
- MILLER, W. R.**  
Flight effects for jet-airframe interaction noise [AIAA PAPER 83-0784] p 264 A83-25965
- MILLS-CURRAN, W. C.**  
Structural optimization with dynamic behavior constraints [AIAA 83-0936] p 355 A83-29766
- MILNER, E. J.**  
Design of a high-speed digital processing element for parallel simulation [NASA-TM-83373] p 563 N83-29597
- MINEGISHI, T.**  
A study on the hydrogen-oxygen diffusion flame in high speed flow p 296 A83-26199
- MINER, G. A.**  
Aircraft aerodynamic prediction method for V/STOL transition including flow separation [NASA-CR 166467] p 426 N83-26818
- MINER, R. V.**  
Fatigue crack initiation and propagation in several nickel-base superalloys at 650 C p 634 A83-41199
- MINNETYAN, L.**  
Transient response of taxiing aircraft [AIAA 83-0927] p 329 A83-29853
- MINODA, M.**  
Development of high loading, high efficiency axial flow turbine p 749 N83-36399
- MIRONOV, A. D.**  
The tasks and organization of the flight testing of airplanes and helicopters p 674 A83-43901
- MISHIN, V. F.**  
Aircraft design (3rd revised and enlarged edition) p 726 A83-48100
- MISHINA, H.**  
Effect of relative velocity distribution on efficiency and exit flow of centrifugal impellers [ASME PAPER 83-GT-74] p 760 A83-47927
- MISSIMER, J. R.**  
'Scaling' analysis of the ice accretion process on aircraft surfaces [ASME PAPER 82-WA/HT-39] p 248 A83-25693
- MITCHELL, A. M.**  
Lubricant effects on efficiency of a helicopter transmission p 185 N83-15523
- MITCHELL, D. G.**  
Handling qualities criteria for STOL flight path control for approach and landing [AIAA PAPER 83-2106] p 625 A83-41935  
Bandwidth A criterion for highly augmented airplanes p 49 N83-10063  
Stability and control of the Gossamer human powered aircraft by analysis and flight test [NASA-CR-3627] p 11 N83-11062  
Flying qualities of relaxed static stability aircraft, volume 1 [AD A128758] p 333 N83-22189  
Flying qualities of relaxed static stability aircraft, volume 2 [AD-A128720] p 333 N83-22190  
Proposed MIL standard and handbook. Flying qualities of air vehicles Volume 1 Proposed MIL standard [AD-A123674] p 373 N83-24468  
Proposed MIL standard and handbook. Flying qualities of air vehicles Volume 2 Proposed MIL handbook [AD-A123726] p 441 N83-25704
- MITCHELL, J.**  
Status of hydrogen development for aircraft in five countries - A Canadian perspective p 566 A83-39562
- MITCHELL, J. A.**  
Computer program to predict noise of general aviation aircraft User's guide [NASA-CR-168050] p 238 N83-17242
- MITCHELL, L. D.**  
Theoretical investigation of the force and dynamically coupled torsional axial-lateral dynamic response of eared rotors [NASA-CR-173013] p 705 N83-34656
- MITCHELL, S. C.**  
Composite engine inlet particle separator swirl frame p 278 A83-24841
- MITRIAEV, I. B.**  
Hydraulics of a channel with a linear jet array p 298 A83-24049
- MIURA, Y.**  
Preliminary investigation on the performance of regenerative turbopump with inter cooled compressor and its influence to aircraft p 446 A83-35830
- MIWA, H.**  
Flow quality of NAL two-dimensional transonic wind tunnel. Part 1 Mach number distributions, flow angularities and preliminary study of side wall boundary layer suction [NAL-TR-693] p 179 N83-12043
- MIWA, S.**  
The optimal evasive maneuver of a fighter against proportional navigation missiles [AIAA PAPER 83-2139] p 626 A83-41961
- MIXSON, J. S.**  
Laboratory study of add-on treatments for interior noise control in light aircraft p 386 A83-32581  
Interior noise considerations for advanced high speed turboprop aircraft p 675 A83-43970
- MIYOSHI, T.**  
Residual life prediction for jet engine rotor disks at elevated temperature p 472 A83-33974
- MOATS, R. K.**  
Rapid runway repair program subtask 108 Concrete cutting equipment evaluation [AD-A127336] p 631 N83-30440
- MOCK, W. D.**  
A NASTRAN model of a large flexible swing-wing bomber Volume 1 NASTRAN model plane [NASA-CR-170392-VOL-1] p 154 N83-14107  
A NASTRAN model of a large flexible swing wing bomber Volume 2 NASTRAN model development-horizontal stabilizer, vertical stabilizer and nacelle structures [NASA-CR-170392-VOL-2] p 154 N83-14108  
A NASTRAN model of a large flexible swing wing bomber Volume 3 NASTRAN model development-wing structure [NASA CR 170392 VOL-3] p 154 N83-14109  
A NASTRAN model of a large flexible swing wing bomber Volume 4 NASTRAN model development-fuselage structure [NASA-CR-170392-VOL-4] p 154 N83-14110  
A NASTRAN model of a large flexible swing wing bomber Volume 5 NASTRAN model development fairing structure [NASA-CR-170392-VOL-5] p 154 N83-14111
- MODRUSAN, M.**  
An impulse generator to simulate lightning effects on aircraft p 587 N83-31221
- MOE, J. L.**  
Effective electromagnetic shielding in multilayer printed circuit boards p 215 A83-16122
- MOEHRING, W.**  
Eigenfunctions for liners in uniform mean flow ducts p 237 A83-19810
- MOEN, G. C.**  
Simulation study of traffic-sensor noise effects on utilization of traffic situation display for self-spacing task [NASA-TP-2082] p 270 N83-18723
- MOFFITT, R.**  
Analysis and correlation of the test data from an advanced technology rotor system [NASA-CR 3714] p 665 N83-32777
- MOFFITT, T. P.**  
Aerodynamic effect of a honeycomb rotor tip shroud on a 50.8-centimeter tip-diameter core turbine [NASA-TP-2112] p 215 N83-17547  
Incidence loss for fan turbine rotor blade in two-dimensional cascade [NASA-TP-2188] p 617 N83-30431
- MOHLMAN, H. T.**  
Computer programs for producing single-event aircraft noise data for specific engine power and meteorological conditions for use with USAF (United States Air Force) community noise model (NOISEMAP) [AD-A127419] p 653 N83-31422
- MOJA, P.**  
Main technical and operational characteristics of navigation systems with a view to identifying a mixed radionavigation system p 255 A83-24869
- MOJI, Y.**  
Improved chromatic acid anodize seal for optimum paint adhesion [SAE PAPER 820603] p 696 A83-45864
- MOKRY, M.**  
Subsonic wall interference corrections for finite-length test sections using boundary pressure measurements p 348 N83-20967
- MOLINO, J. A.**  
Should helicopter noise be measured differently from other aircraft noise? A review of the psychoacoustic literature [NASA-CR-3609] p 224 N83-13937
- MOLL, H.**  
Electromechanical control systems p 750 A83-47201
- MOLUSIS, J.**  
Stochastic control and identification enhancement for the flutter suppression problem p 286 A83-26544
- MOLUSIS, J. A.**  
Identification of helicopter rotor dynamic models [AIAA 83-0988] p 330 A83-29866  
Identification and stochastic control of helicopter dynamic modes [NASA-CR 166425] p 157 N83-15283  
Evaluation of the effect of vibration nonlinearity on convergence behavior of adaptive higher harmonic controllers [NASA-CR 166424] p 266 N83-18718
- MONAGAN, S. J.**  
Lateral flying qualities of highly augmented fighter aircraft, volume 2 [AD-A118071] p 204 N83-12100  
Lateral flying qualities of highly augmented fighter aircraft, volume 1 [AD-A118070] p 443 N83-26835
- MONDY, R. E.**  
Instabilities of geared couplings Theory and practice p 187 N83-15634
- MONEY, K. E.**  
Theory underlying the peripheral vision horizon device [AD-A124426] p 445 N83-25710
- MONGEON, R. J.**  
Multifunction CO2 laser radar technology p 208 A83-22502
- MONGIA, H. C.**  
Design of a low emission combustor for an automotive gas turbine [AIAA PAPER 83-0338] p 179 A83-16664
- MONROE, R. E.**  
Airports as a threat to public safety p 668 A83-46420
- MONSER, G.**  
New advances in wide band dual polarization antenna elements for EW applications p 430 A83-35087
- MONSON, D. J.**  
A nonintrusive laser interferometer method for measurement of skin friction p 695 A83-44677  
A nonintrusive laser interferometer method for measurement of skin friction [NASA-TM 84300] p 217 N83-12393
- MONSON, D. S.**  
U.S. Army/Detroit Diesel Allison Advanced Technology Demonstrator Engine p 277 A83-24836
- MONTAGUE, H.**  
Propulsion system screening for survivability and effectiveness [ASME PAPER 83-GT 200] p 743 A83-48003
- MONTGOMERY, D. W.**  
Advanced tactical air reconnaissance system p 186 A83-22575
- MONTGOMERY, J. F., III.**  
Aircraft usage and effects on engine life [ASME PAPER 83-GT-143] p 741 A83-47967
- MONTLE, L. K.**  
Changing the course of U.S. aviation p 371 A83-30830  
Large jet aircraft validation and demonstrations An overview of Boeing experience [AIAA PAPER 83-1049] p 439 A83-36472
- MONTOYA, R. J.**  
Restructurable Controls [NASA-CP-2277] p 688 N83-33896
- MONTULLI, L. T.**  
Highlights of the new national aeronautical research and technology policy p 175 A83-16374
- MOODY, A. B.**  
Celestial navigation in the computer age p 185 A83-14116
- MOOIJ, H. A.**  
Handling qualities of transports with advanced flight control systems p 49 N83-10061

- MOOKERJEE, P**  
Evaluation of the effect of vibration nonlinearity on convergence behavior of adaptive higher harmonic controllers  
[NASA-CR-166424] p 266 N83-18718
- MOONEY, D H**  
F-16 pulse Doppler radar /AN/APG-68/ performance p 200 A83-22737
- MOORE, A. S.**  
Effects of wind on turbofan engines in outdoor static test stands  
[NASA-TM-83493] p 747 N83-34945
- MOORE, C A.**  
A cost effective approach to design evaluation of advanced system display swtchology p 71 A83-11200
- MOORE, C J**  
Optical methods of flow diagnostics in turbomachinery p 62 A83-11076
- MOORE, D**  
The application of shot peen forming technology to commercial aircraft wing skins  
[SAE PAPER 821456] p 657 A83-45875
- MOORE, F K**  
A theory of rotating stall of multistage axial compressors  
[NASA-CR-3685] p 506 N83-29175
- MOORE, H**  
Assessment of Houston Airport WEDway Automated Transit System  
[PB83-210443] p 754 N83-36042
- MOORE, H F**  
Refining of military jet fuels from shale oil Part 1 Preliminary process design, economic and yield optimization, and computer modeling  
[AD-A117511] p 60 N83-10210  
Refining of military jet fuels from shale oil Volume 3, part 2 Above ground shale oil process data  
[AD-A128635] p 758 N83-35162
- MOORE, H R.**  
Refining of military jet fuels from shale oil, part 2, volume 2 (in situ shale oil process data)  
[AD-A129031] p 759 N83-36248
- MOORE, J.**  
Performance evaluation of centrifugal compressor impellers using three-dimensional viscous flow calculations  
[ASME PAPER 83-GT-62] p 714 A83-47918  
Investigation of advanced navigation and guidance system concepts for all-weather rotorcraft operations  
[NASA-CR 166274] p 26 N83-10029
- MOORE, J G.**  
Performance evaluation of centrifugal compressor impellers using three-dimensional viscous flow calculations  
[ASME PAPER 83-GT-62] p 714 A83-47918  
Measuring the antenna pattern of the HF heater antenna in Puerto Rico  
[AD-A119963] p 186 N83-15558
- MOORE, J. W**  
Vibration limiting of rotors by feedback control p 187 N83-15656
- MOORE, M**  
X-29 forward swept wing aerodynamic overview  
[AIAA PAPER 83-1834] p 520 A83-38663
- MOORE, M J**  
A separator for obtaining samples of cloud water in aircraft p 640 A83-41983
- MOORE, R K**  
Helicopter-borne scatterometer  
[AD-A125796] p 562 N83-29561
- MOORE, W G., JR**  
Concepts for a future joint airlift development program  
[AIAA PAPER 83-1591] p 429 A83-36951
- MOOREHOUSE, D J.**  
Background information and user guide for MIL-F8785C, military specification, flying qualities of piloted airplanes  
[AD-A119421] p 156 N83-14120
- MOORHEAD, P E**  
Metal honeycomb to porous wireform substrate diffusion bond evaluation p 559 A83-39620
- MOORHOUSE, D J**  
Present status of flying qualities criteria for conventional aircraft p 48 N83-10055
- MOOSE, R L**  
Study of an automatic trajectory following control system  
[NASA-CR-166121] p 547 N83-29271
- MORALES, W.**  
Analysis of a MIL-L-27502 lubricant from a gas-turbine engine test by size-exclusion chromatography  
[NASA-TP 2063] p 226 N83-16528
- MORAN, D D**  
Dynamic modeling of an air cushion vehicle p 486 A83-35054
- MORANDI, M**  
Lidar system for visibility monitoring p 406 A83-32449
- MORAWSKI, J**  
Attempt to determine the power demand of a helicopter control system on the basis of flight tests p 45 A83-10439
- MORBIOLI, R**  
The corrosion resistance of protective coatings p 223 A83-21454
- MORDOFF, K F.**  
Researchers study methods to combat effects of wind shear p 196 A83-22175  
PW4000 uses JT9D, new technology p 281 A83-26072  
B-1B manufacturing - General Electric F101 production nears p 490 A83-40332
- MOREIGNE, O**  
Interactive fine-tuning of linear-quadratic governors by selective and direct action on the poles of the control system  
[ONERA, TP NO 1983-21] p 480 A83-36430
- MORELLI, F**  
The fenestron on a helicopter  
[AAAF PAPER NT 82-18] p 388 A83-33169
- MORELLO, S. A.**  
Flight management concepts development for fuel conservation p 447 A83-35843
- MORENO, V**  
Nonlinear structural and life analyses of a combustor liner p 65 A83-12764
- MORETTI, G**  
Pressure distribution on a simple delta wing p 8 A83-13023  
Comparison of flight loads measurements results and prediction for Tornado p 605 N83-30378
- MORGAN, H. L., JR**  
Low-speed aerodynamic performance of an aspect-ratio-10 supercritical-wing transport model equipped with a full-span slat and part-span and full span double-slotted flaps  
[NASA-TP-1805] p 582 N83-30390
- MORGAN, J D**  
Non-linear effect in high speed rotor noise p 190 A83-18393
- MORGAN, W R.**  
Sun-powered aircraft designs p 386 A83-32577
- MORGER, K M**  
NOTAR - The viable alternative to a tail rotor  
[AIAA PAPER 83-2527] p 728 A83-48365
- MORGRET, C H**  
Development of analytical and experimental techniques for determining store airload distributions p 8 A83-13077
- MORINO, L.**  
Free wake aerodynamic analysis of helicopter rotors  
[AD-A129710] p 718 N83-36007
- MORISSET, J**  
The ATR 42 will keep its promises p 262 A83-25115  
Aeronautical research - II p 615 A83-43034
- MORITA, M**  
On the propulsion system of the NAL quiet STOL research aircraft p 446 A83-35831  
Powered lift aerodynamics of USB STOL aircraft  
[AIAA PAPER 83-1848] p 499 A83-38676  
An engine installation for fan jet STOL aircraft using USB powered high lift system (I) engine matching test for circular confluent exhaust duct  
[NAL-TR-703] p 200 N83-12086
- MORITA, W H**  
Graphite/Larc-160 technology demonstration segment test results  
[NASA-CR-172123] p 637 N83-30539
- MORIZUMI, N**  
Piloting techniques on the backside p 169 A83-16927
- MORLEIGH, S.**  
Computer model of a collision-avoidance system for air traffic control p 431 A83-35275
- MOROZOV, V I**  
Integro-differential equations of the dynamics of elastic systems in nonstationary flows p 474 A83-35933
- MORPHY, D D**  
An SEM analysis of bearing failure due to electrical arcing  
[AD-A127827] p 648 N83-32071
- MORRALL, J C.**  
Fuel conservation and economy constraints p 362 N83-22179
- MORRIS, B. R**  
Development of a cost effective approach to modelling aircraft response to repaired runways p 157 N83-15293
- MORRIS, C E. K., JR**  
Design study for remotely piloted, high-altitude airplanes powered by microwave energy p 520 A83-38657  
[AIAA PAPER 83-1825] Performance of high-altitude, long-endurance, turboprop airplanes using conventional or cryogenic fuels  
[NASA-TM-84534] p 207 N83-17530
- MORRIS, C E. M.**  
Aging and performance of structural film adhesives I  
A comparison of two high-temperature curing, epoxy-based systems p 223 A83-21048
- MORRIS, D J**  
NASA aenal applications wake interaction research p 317 A83-28899  
NASA wake interactions research and applications  
[SAE PAPER 830764] p 580 A83-43329
- MORRIS, D. L.**  
An assessment of the A-10's capability to operate on rough surfaces p 607 N83-30717
- MORRIS, H D**  
A precision inertial angular vibration measuring system p 644 N83-30758
- MORRIS, J**  
A McDonnell Douglas perspective - Commercial aircraft for the next generation  
[AIAA PAPER 83-2502] p 731 A83-49587
- MORRIS, O A.**  
Low-speed investigation of the maneuver capability of supersonic fighter wings  
[AIAA PAPER 83-0426] p 134 A83-16708
- MORRIS, P J**  
Tone-excited jet Theory and experiments  
[NASA-CR-3538] p 222 N83-12968
- MORRIS, P M**  
Airworthiness and flight characteristics test Part 1 YAH-64 advanced attack helicopter  
[AD-A118490] p 193 N83-12075
- MORRIS, R E**  
The Pratt & Whitney PW100 - Evolution of the design concept p 162 A83-18821
- MORRIS, S. J**  
Advanced turboprop cargo aircraft systems study p 386 A83-32582
- MORRIS, T**  
Environmental control of an aircraft pod mounted electronics system  
[SAE PAPER 820669] p 263 A83-25768
- MORRISSET, J A.**  
Single pilot IFR accident data analysis  
[NASA-CR-3650] p 139 N83-14076
- MORRISON, F R.**  
The load-life relationship for M50 steel bearings with silicon nitride ceramic balls  
[ASLE PREPRINT 82-LC-3C-4] p 212 A83-13239
- MORRISON, H F, JR**  
Aircraft design trends for cargo compatibility  
[AIAA PAPER 83-1609] p 380 A83-33370
- MORRISON, K**  
Effect of volatility on air-fuel ratio distribution and torque output of a carbureted light aircraft piston engine  
[FAA-CT-82-117] p 393 N83-23308
- MORROW, J G**  
Flight test investigation of area calibrated LORAN-C for en route navigation in the Gulf of Mexico  
[FAA-RD-82-7] p 186 N83-12059
- MORSE, E A.**  
The CWSU - A renewed effort to aid IFR pilots p 408 A83-30548
- MORT, K W**  
The aerodynamic performance of several flow control devices for internal flow systems p 221 N83-17560
- MORTIMER, V D, JR**  
In-depth survey report of American Airlines plating facility  
[PB83-187799] p 647 N83-31916
- MOSELEY, H S.**  
Ultralight aircraft safety and regulation p 719 A83-48885
- MOSES, C A.**  
Sooting tendency of fuels containing polycyclic aromatics in a research combustor p 225 A83-23138  
Drop size measurements in evaporating realistic sprays of emulsified and neat fuels  
[ASME PAPER 83-GT-231] p 756 A83-48027
- MOSES, C W**  
Investigation of the feasibility of a helicopter-launched cruise missile system  
[DE82-008623] p 332 N83-20940
- MOSES, H L**  
High angle-of-attack cascade measurements and analysis p 419 A83-35875
- MOSES, K**  
Advanced flight control system study  
[NASA-CR-163120] p 170 N83-15316

**MOSESIAN, B**

Advanced manufacturing development of a composite empennage component for L-1011 aircraft Phase 2 Design and analysis [NASA-CR-165634] p 605 N83-30404

**MOSHER, M**

Acoustic measurements of a full-scale coaxial helicopter [AIAA PAPER 83-0722] p 264 A83-25933

Acoustic measurements of the X-wing rotor [NASA-TM-84292] p 571 N83-28985

Acoustic measurements of a full-scale coaxial hingeless rotor helicopter [NASA-TM-84349] p 571 N83-28986

**MOSS, G F**

The use of free-flight models for the prediction of departure control p 593 N83-30368

**MOSS, R W**

Sputtered ceramic coatings and sealing layers [DE82-005225] p 226 N83-16531

**MOSSER, M A**

Data acquisition/reduction system for flight testing general aviation aircraft p 37 A83-11903  
A microcomputer-based system for noise characteristics analysis p 72 A83-11915

**MOSTINSKII, I L**

The distribution of the disperse fraction of a polydisperse jet injected into a gas flow p 473 A83-34472

**MOTSINGER, R E**

Sound propagation in segmented exhaust ducts - Theoretical predictions and comparison with measurements [AIAA PAPER 83-0734] p 366 A83-28016

**MOTYKA, P**

The reliability analysis of a dual, physically separated, communicating IMU system p 20 A83-11128

**MOTZ, D F**

Graphic enhancement of the Aircraft Penetration Model for use as an analytic tool [AD-A128226] p 733 N83-34936

**MOUL, T M**

A simulation study of the low-speed characteristics of a light twin with an engine-out [AIAA PAPER 83-2128] p 626 A83-41951

**MOUNT, J S**

Friction drag measurements of acoustic surfaces [AIAA PAPER 83-1356] p 422 A83-36414

**MOUNTFORD, S J**

Potential uses of two types of stereographic display systems in the airborne fire control environment p 270 A83-26314

**MOWRER, D**

Proposal and justification for the establishment of an aeronautical systems-target nonnuclear survivability-vulnerability information analysis center-SURVIAC [AD-A130414] p 771 N83-37015

**MOXON, J**

Rotanes for GA - NASA gets serious p 41 A83-11627  
Supersonic Harrier - One step closer p 200 A83-16371  
Military propulsion technology I - Fighter power - The need for tomorrow p 162 A83-18948  
Dash 8 - Canada's new commuter p 328 A83-29675  
AR 318 - Italy's low-cost GA turboprop p 445 A83-35675  
PW100 - Canada's commuter turboprop p 615 A83-42524

**MOYNIHAN, M E**

An update on high output lightweight diesel engines for aircraft applications [AIAA PAPER 83-1339] p 458 A83-36925

**MRAZEK, J E, JR**

A complete introduction to the revolutionary new way to fly ultralights p 415 A83-33622

**MRAZEK, J E, SR**

A complete introduction to the revolutionary new way to fly ultralights p 415 A83-33622

**MUEHLBAUER, J C**

Advanced turboprop cargo aircraft systems study p 386 A83-32582

**MUELLER, I I**

Geodesy and the global positioning system p 671 A83-46338

**MUELLER, M**

Change in vibrations of an flexible rotor due to a change in bearings p 558 A83-39423

**MUELLER, N**

Gas turbine parts made of injection molded silicon nitride [BMFT-FB-T-83-021] p 539 N83-29240

Gas turbine parts made of injection molded silicon nitride and brazing of silicon nitride with metal [BMFT-FB-T-83-028] p 554 N83-29377

**MUELLER, R**

The transonic wind tunnel Braunschweig of DFVLR p 217 A83-19663

**MUGGLI, W**

Generalized digital simulation technique with variable engine parameter input for steady state and transient behaviour of aero gas turbines p 543 N83-29263

**MUIR, L**

The application of a liquid-cooled V-8 piston engine to general aviation aircraft [SAE PAPER 821446] p 533 A83-37994

**MUKHERJEE, D K**

Cooling of gas turbine blades p 282 N83-18735  
Experimental verification of blade cooling systems and comparison with design calculation p 282 N83-18736

**MUKHOPADHYAY, V**

Application of matrix singular value properties for evaluating gain and phase margins of multiloop systems p 72 A83-12457

**MULARZ, E J**

New trends in combustion research for gas turbine engines p 446 A83-35806

New trends in combustion research for gas turbine engines [NASA-TM-83338] p 338 N83-20947

**MULCARE, D B**

Digital flight control system validation technology assessment [NASA-CR-166374] p 170 N83-15315

Simulator investigation plan for digital flight controls validation technology [NASA-CR-166427] p 345 N83-22214

Digital flight control system validation [AD-A124508] p 462 N83-26847

**MULDER, J A**

Aerodynamic model identification from dynamic flight test data and wind tunnel experiments [VTH-LR-361] p 505 N83-27967

Aerodynamic model identification from dynamic flight test data and wind tunnel experiments p 604 N83-30371

Results of Beaver aircraft parameter identification [DFVLR-FB-83-10] p 678 N83-32798

**MULLEN, R L**

EMC analysis of a prototype civil use GPS receiver on four aircraft configurations [ECAC-CR-82-048] p 217 N83-12300

EMC analysis of a prototype civil-use GPS receiver on four aircraft configurations [AD-A119578] p 147 N83-14103

**MULLINS, T**

Performance tests results of automatic direction finder receiver interference susceptibility [AD-A118438] p 28 N83-11109

**MUNDELL, A R G**

The design of shielded pitot tubes with small sensitivity to incidence [RAE-TM-AERO-1863] p 530 N83-27988

**MUNDY, R A**

Airport landside operations and air service [PB82-235946] p 218 N83-13320

**MUNGER, L L**

Application of optimal control synthesis to integrated vertical flight path and airspeed control for an advanced fighter [AIAA PAPER 83-2560] p 751 A83-49594

**MUNIN, A G**

The relationship between the aerodynamic and acoustic characteristics of coaxial jets p 482 A83-35712

**MUNRO, N**

Design of an integrated control system for a supersonic aircraft power plant p 212 A83-23175

Illustration of the applicability of computer aided design packages p 298 A83-24719

Regulator design for the F100 turbofan engine p 612 A83-41492

**MUNTASSER, M A**

The transient performance of turbojet engines and axial compressors p 447 A83-35847

**MUNTNER, M S**

Integrally cast low-cost compressor [AD-A127663] p 639 N83-31824

**MUOTOH, D**

Assessment of Houston Airport WEDway Automated Transit System [PB83-210443] p 754 N83-36042

**MURAMOTO, K K**

Calculated and experimental stress distributions in a ribbon parachute canopy p 181 A83-13168

**MURILLO, L E**

A method for predicting low-speed aerodynamic characteristics of transport aircraft [AIAA PAPER 83-1845] p 499 A83-38673

Lunate-tail swimming propulsion as a problem of curved lifting line in unsteady flow 1 Asymptotic theory [USCAE-139] p 561 N83-28377

**MURMAN, E M**

A one-dimensional unsteady model of dual mode scramjet operation [AIAA PAPER 83-0422] p 161 A83-16705

**MURPHY, A C**

The design, testing and analysis of aeroelastically tailored transonic flutter model wings [AIAA 83-1027] p 330 A83-29876

**MURPHY, C H**

Angular motion of a spinning projectile with a viscous liquid payload p 544 A83-37067

**MURPHY, D L**

An evaluation of SARP (search and rescue planning system) drift predictions using satellite-tracked drift-buoys [AD-A127987] p 589 N83-31588

**MURPHY, J W**

Collins avionics NAVSTAR GPS advanced digital receiver p 673 A83-46969

**MURPHY, P C**

Airplane model structure determination from flight data p 340 A83-29023

Gain selection method and model for coupled propulsion and airframe systems [NASA-TP-2067] p 52 N83-11139

**MURPHY, R C**

Instabilities of geared couplings Theory and practice p 187 N83-15634

**MURRAY, J P**

Escape low and hot p 384 A83-31587

**MURRI, D G**

High angle-of-attack flight dynamics of a forward-swept wing fighter configuration [AIAA PAPER 83-1837] p 544 A83-38666

**MURTHY, A V**

Investigation of the effects of upstream sidewall boundary-layer removal on a supercritical airfoil [AIAA PAPER 83-0386] p 133 A83-16686

**MURTHY, S N B**

Axial-compressor flow distortion with water ingestion [AIAA PAPER 83-0004] p 160 A83-16456

Effect of humidity on jet engine axial-flow compressor performance p 448 A83-35856

The WISGSK A computer code for the prediction of a multistage axial compressor performance with water ingestion [NASA-CR-3624] p 201 N83-12093

**MUSCH, J E**

Assessment of survivability against laser threats The ASALT-1 computer program [AD-A128472] p 703 N83-34313

**MUSSI, F**

Anisotropic beam theory and applications p 65 A83-12756

**MUSSMAN, D**

Development and flight test of an active flutter suppression system for the F-4F with stores Part 1 Design of the active flutter suppression system [AD-A121485] p 288 N83-18746

**MUTHURAMAN, G**

SLV-3 flight vibration environment p 629 N83-30721

**MYERS, A F**

HiMAT onboard flight computer system architecture and qualification p 529 A83-37061

**MYERS, D**

Study of advanced rotary combustion engines for commuter aircraft [NASA-CR-165399] p 214 N83-17545

**MYERS, L P**

Digital electronic engine control system - F-15 flight test p 162 A83-18406

Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane [AIAA PAPER 83-0537] p 163 A83-19593

Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane [NASA-TM-83088] p 339 N83-22201

**MYERS, M R**

Flutter analysis of a transport wing using XTRAN3S [AIAA 83-0922] p 357 A83-29848

**MYERS, R H**

A study of the feasibility of statistical analysis of airport performance simulation [NASA-CR-3633] p 221 N83-12959

**MYERS, T T**

Flying qualities of relaxed static stability aircraft, volume 1 [AD-A128758] p 333 N83-22189

Flying qualities of relaxed static stability aircraft, volume 2 [AD-A128720] p 333 N83-22190



## N

- NACCACHE, P. F.**  
An efficient fully implicit simulator  
[CSS-126] p 178 N83-15322
- NAEGELI, D. W.**  
Sooting tendency of fuels containing polycyclic aromatics in a research combustor p 225 A83-23138
- NAGABHUSHAN, B. L.**  
Active control of a relaxed-static-stability airplane using a discrete model following technique  
[AIAA PAPER 83-0279] p 168 A83-16624  
Dynamic stability of a buoyant quad-rotor aircraft p 216 A83-22160  
Control characteristics of a buoyant quad-rotor research aircraft p 262 A83-24430  
Optimal controller design for a helicopter using its lower order dynamic model  
[AIAA PAPER 83-2550] p 750 A83-48371
- NAGABHUSHANAM, J.**  
Helicopter rotor performance evaluation using oscillatory airfoil data p 177 A83-13172  
The use of actuator-disc dynamic inflow for helicopter flap-lag stability p 595 A83-41081
- NAGANO, S.**  
Variation of rotor blade vibration due to interaction of inlet and outlet distortion p 450 A83-35882  
Large scale aeroengine compressor test facility p 630 A83-41534
- NAGARAJ, V. T.**  
Nonlinear flapping vibrations of rotating blades p 68 A83-13004
- NAGARAJA, K. S.**  
A collection of papers in the aerospace sciences  
[AD-A122667] p 417 N83-26787  
Advances in ejector technology A tribute to Hans von Ohain's vision p 477 N83-26805  
Statistical experimental designs in computer aided optimal aircraft design p 442 N83-26812
- NAGARAJA, R. S.**  
Proceedings Ejector Workshop for Aerospace Applications  
[AD-A124264] p 395 N83 24510
- NAGASHIMA, T.**  
Vibration of airfoils in sinusoidal oblique gust  
[AIAA PAPER 83-0005] p 129 A83-16457
- NAGEL, D. C.**  
The man-vehicle systems research facility - A new NASA aeronautical R & D facility  
[AIAA PAPER 83-1098] p 463 A83-36218
- NAGEL, J.**  
Application of advanced CAD/CAM procedures in areas other than air transport technology p 759 A83-47189
- NAGEL, R. T.**  
An experimental study of supersonic jet shock-associated noise  
[AIAA PAPER 83-0708] p 307 A83-25924
- NAGLE-ESHELMAN, J.**  
The Shock and Vibration Digest, volume 14, no. 8  
[AD-A119004] p 67 N83-10433
- NAHM, A. H.**  
Bearing fatigue investigation 3  
[NASA-CR-168029] p 233 N83-17880  
Impact of NASA-sponsored research on aircraft turbine engine bearing specifications p 303 N83-20129
- NAHON, M. A.**  
A study of lateral flight path perturbations of STOL aircraft in the planetary boundary layer  
[UTIAS-TN-240] p 679 N83-33877
- NAIL, L. R.**  
Helicopter IFR - The economics of schedule regularity  
[SAE PAPER 821501] p 507 A83-38009
- NAIR, S.**  
Design for global damage tolerance and associated mass penalties p 214 A83-15321
- NAJJAR, Y. S. H.**  
Radiation and smoke from the gas turbine combustor using heavy fuels p 294 A83-23877
- NAKAI, E.**  
Some experimental investigations on transonic flutter characteristics of thin plate wing models with sweepback and tapered tips p 150 A83-16926  
Strength tests of CFRP joint assembly models for tailplane structure p 559 A83-40159
- NAKAMURA, M.**  
Experiment of a shockless transonic airfoil partially modified from an arbitrary airfoil p 374 A83-32514
- NAKAMURA, S.**  
Marching gnd generation using parabolic partial differential equations p 569 A83-38810
- NAKAMURA, Y.**  
Numerical simulation of vortex breakdown by the vortex-filament method  
[NASA-TM-84334] p 563 N83-29636
- NAKAYAMA, S.**  
An engine installation for fan jet STOL aircraft using USB powered high lift system (I) engine matching test for circular confluent exhaust duct  
[NAL-TR-703] p 200 N83-12086
- NAKAYAMA, W.**  
Enhancement of heat transfer p 642 A83-42659
- NAKAZONO, Y.**  
A study of the distribution of the noise source strengths in coaxial double jet p 570 A83-37570
- NAMBA, M.**  
Effect of sound absorbing wall linings on aerodynamic forces of a subsonic vibrating cascade p 411 A83-33372
- NAMIKI, M.**  
A new static-launch method for plastic balloons p 548 A83-39816
- NANEVICZ, J. E.**  
Allocation of protection p 588 N83-31240
- NAPOLITANO, M.**  
An implicit lambda scheme p 660 A83-45581
- NAPORA, E.**  
Some applications of ultrasonic methods for the quality control of nonmetallic objects p 475 A83-36794
- NARAIN, J. P.**  
A transonic analysis of propfan slipstream effect on a supercritical wing  
[AIAA PAPER 83-0186] p 132 A83-16577
- NARASIMHA SWAMY, M. R.**  
The NAL transonic cascade tunnel p 55 A83-11081
- NARDI, G.**  
Application of dynamic gas bearings to cryogenic compressors and turbines p 185 N83-15540
- NARDONE, V. C.**  
The effects of small deformation on creep and stress rupture of ODS superalloys  
[AD-A125640] p 553 N83-28212
- NARENDRA, P. M.**  
Symbolic pattern matching for target acquisition p 24 A83 11460
- NARK, T.**  
Research on contaminated wings, current issues  
[AIAA PAPER 83-0277] p 139 A83-19584
- NASH, L.**  
An evaluation of SARP (search and rescue planning system) drift predictions using satellite-tracked drift-buoys  
[AD-A127987] p 589 N83-31588
- NASSAR, M. H.**  
The effect of variation of diffuser design on the performance of centrifugal compressors p 448 A83-35866
- NASTASI, R.**  
Carrier landing simulation results of precision flight path controllers in manual and automatic approach  
[AIAA PAPER 83-2072] p 592 A83-41909
- NASTROM, G. D.**  
Flight summaries and temperature climatology at airliner cruise altitudes from GASP (Global Atmospheric Sampling Program) data  
[NASA-CR-168106] p 409 N83 24048
- NATAN, M.**  
Effect of moisture on adhesively bonded titanium structures p 222 A83-20442
- NATSVIN, A. N.**  
An analysis of the natural vibrations of the rotors of centrifugal compressor machines p 405 A83-30310
- NAUM, R. G.**  
Progress in net shape fabrication of alpha SiC turbine components  
[ASME PAPER 83-GT-238] p 763 A83-48030
- NAUMOV, A. N.**  
The aviation and radioelectronic equipment of the Yak-18T aircraft p 195 A83-13814
- NAUMOV, A. V.**  
A mathematical model for a turboshaft gas-turbine engine with an optimum control program for high-level computer-aided design p 273 A83-23436
- NAUTA, F.**  
AH4 automatic test equipment requirements  
[AD-A122879] p 401 N83-23330
- NAVANEETHAN, R.**  
A microcomputer-based system for noise characteristics analysis p 72 A83-11915  
Study of the damping characteristics of general aviation aircraft panels and development of computer programs to calculate the effectiveness of interior noise control treatment, part 1  
[NASA-CR-169534] p 190 N83 15043
- NAVRODSKII, V. A.**  
Experiment control in problems of minmax estimation p 69 A83-10455
- NAYEB-HASHEMI, H.**  
Influence of overloads and block loading sequences on mode III fatigue crack propagation in A469 rotor steel p 551 A83-39075
- NEAL, P. F.**  
Mechanical and thermal effects on the transient and steady state component performance of gas turbines p 541 N83-29252
- NECKAR, F.**  
Investigation methods on residual stresses in aero engines components p 449 A83-35879
- NEDELL, W.**  
Design, development, and flight test of a demonstration advanced avionics system  
[NASA-TM-84323] p 270 N83-18721
- NEELAND, R. P.**  
Applicability of 3D display research to operational needs p 272 N83-20702
- NEELY, G. M.**  
Parametric study of flame radiation characteristics of a tubular-can combustor  
[NASA-TM-83436] p 539 N83-29237
- NEGRE, Y.**  
Automatic landing in bad weather conditions  
[SNIAS-822-111-106] p 381 N83-23287
- NEGRIN, M.**  
Improved dynamic models for air combat analysis  
[AD-A121379] p 305 N83-19562
- NEILAND, V. I. A.**  
Concerning a type of separated flow on a rectangular wing of small aspect ratio p 492 A83-37260
- NEISWANDER, P.**  
A pilot study of human response to general aviation aircraft noise  
[NASA-CR-166053] p 238 N83-18404
- NEJEDLY, V.**  
Development of structural materials for the new generation of aircraft p 383 A83-30511
- NELIUBOV, A. I.**  
Aircraft maneuver mechanics with turning of the power-plant thrust vector p 216 A83-22076
- NELMS, W. P.**  
Airframe effects on a top-mounted fighter inlet system p 177 A83-13166
- NELSON, D. L.**  
Correction and improvement of CARE 3 Version 3  
[NASA-CR-166122] p 705 N83-34591
- NELSON, D. P.**  
Ejector nozzle test results at simulated flight conditions for an advanced supersonic transport propulsion system  
[AIAA PAPER 83-1287] p 454 A83-36323  
Model aerodynamic test results for a refined actuated inlet ejector nozzle at simulated takeoff and cruise conditions  
[NASA-CR-168051] p 426 N83 26816
- NELSON, J.**  
New thrusts in engine design p 162 A83-17236
- NELSON, J. R.**  
Balloon materials and designs p 524 A83-39806
- NELSON, K.**  
Effects of rotor inertia and rpm control on helicopter handling qualities  
[AIAA PAPER 83-2070] p 623 A83-41907
- NELSON, P. K.**  
Primary bonded aircraft wing construction p 186 A83-20493
- NELSON, R. C.**  
An investigation of the breakdown of the leading edge vortices on a delta wing at high angles of attack  
[AIAA PAPER 83 2114] p 579 A83 41941
- NEMBARD, D.**  
Simulate airborne radar environments p 512 A83 37821
- NEMOTO, H.**  
Hybrid composite application to the Boeing 767 wing/body fairing p 525 A83-40244
- NENADOVIC, M.**  
Principles of helicopter design and construction p 189 A83-14042
- NENNI, J. P.**  
Rotating stall investigations Volume 1 Theoretical investigations  
[AD-A128744] p 748 N83-34951  
Rotating stall investigations Volume 2 Experimental studies  
[AD-A128745] p 748 N83-34952
- NERI, D. F.**  
Desirable characteristics of underwater lights for helicopter escape hatches  
[AD-A120331] p 197 N83-16310  
Desirable characteristics of underwater lights for helicopter escape hatches  
[AD-A120510] p 198 N83-16312
- NERI, L. M.**  
Crash injury protection in survivable air transport accidents United States civil aircraft experience from 1970 through 1978 (incomplete) p 381 N83-24489

## NESLINE, F. W.

Line of sight reconstruction for faster homing guidance  
[AIAA PAPER 83-2170] p 591 A83-41666

## NESLINE, F. W., JR

Digital homing guidance - Stability vs performance trade-offs  
[AIAA PAPER 83-2167] p 590 A83-41663

## NESS, W. G.

Digital flight control system validation technology assessment  
[NASA-CR-166374] p 170 N83-15315  
Simulator investigation plan for digital flight controls validation technology  
[NASA-CR-166427] p 345 N83-22214  
Integrated assurance assessment of a reconfigurable digital flight control system  
[NASA-CR-170281] p 397 N83-24515

## NESTERENKO, G. I.

An analysis of the durability characteristics of aircraft structures on the basis of fracture mechanics  
p 354 A83-28477

## NESTERENKO, V. G.

A study of the gas-dynamic efficiency of the labyrinth seals of gas-turbine engines with a profiled stator wall  
p 615 A83-42153

## NETZER, D. W.

An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications  
[AD-A121228] p 215 N83-17549

## NEUBAUER, R. F.

Experimental investigations concerning the noise produced by model propellers and propeller-driven small aircraft  
[DGLR PAPER 82-068] p 274 A83-24182

## NEUBERT, H. D.

Advanced composite materials in aerobatic aircraft  
p 203 A83-20496

## NEUBURGER, A.

An approach to helicopter power selection  
p 277 A83-24828

## NEUMAN, C.

Electro-optical processor for optimal control  
p 298 A83-23596

## NEUMAN, F.

Optimal turning climb-out and descent of commercial jet aircraft  
[SAE PAPER 821468] p 519 A83-37999  
Minimum-fuel turning climbout and descent guidance of transport jets  
[NASA-TM-84289] p 217 N83-17552

## NEUMANN, H.

The development of a generalized advanced propeller analysis system  
[AIAA PAPER 83-2466] p 746 A83-49581

## NEUMANN, H. E.

An analytical and experimental comparison of the flow field of an advanced swept turboprop  
[AIAA PAPER 83-0189] p 189 A83-21080  
Dynamic distortion in a short s-shaped subsonic diffuser with flow separation  
[AIAA PAPER 83-1412] p 683 A83-45515  
An analytical and experimental comparison of the flow field of an advanced swept turboprop  
[NASA-TM-83037] p 128 N83-14061  
New test techniques and analytical procedures for understanding the behavior of advanced propellers  
[NASA-TM-93380] p 311 N83-22092  
Dynamic distortion in a short s-shaped subsonic diffuser with flow separation  
[NASA-TM-83412] p 459 N83-26838

## NEUSWANGER, C. P.

The effects of weather on rapid runway repair, volume 1  
[AD-A130409] p 754 N83-36040

## NEWBERRY, R. R.

The capability and potential role of airborne avionic systems in air traffic management  
p 142 A83-17731

## NEWBURN, J. M.

Alloy design for hot corrosion resistance  
p 757 A83-49482

## NEWCOMB, J.

Light aircraft piston engine carburetor ice detector/warning device sensitivity/effectiveness  
[AD-A117745] p 38 N83-10041  
Engine performance comparison associated with carburetor icing during aviation grade fuel and automotive grade fuel operation  
[DOT/FAA/CT-82/110] p 618 N83-31604

## NEWMAN, E. H.

Analysis of airborne antenna patterns  
[NASA-CR-169448] p 66 N83-10323

## NEWMAN, J. S.

Helicopter noise exposure curves for use in environmental impact assessment  
[AD-A123467] p 413 N83-25500

A survey of helicopter and ambient urban noise levels in Phoenix, Arizona  
[AD-A123856] p 479 N83-26322

## NEWMAN, P. A.

Recent experiences with three-dimensional transonic potential flow calculations  
[NASA-TM-78733] p 12 N83-11072

## NEWMAN, R. L.

Head up display operational problems  
p 197 A83-16135  
Aeroacoustic flight test of four single engine propellers  
[SAE PAPER 830731] p 615 A83-43328

## NEWSOM, J. R.

Analysis and flight data for a drone aircraft with active flutter suppression  
p 29 A83-10192  
Application of matrix singular value properties for evaluating gain and phase margins of multiloop systems  
p 72 A83-12457

Design of the flutter suppression system for DAST ARW-1R - A status report  
[AIAA 83-0990] p 330 A83-29868

## NEYE, G.

Welding of components made of the aluminum cast alloy A357  
p 698 N83-32715

## NEZEL, M.

Estimation regarding the feasibility of using larger distances in measurements with L2F systems in flight tests  
p 300 A83-26487

## NG, G. S.

Impact behavior of fibrous composition and metal substructures  
[AD-A121618] p 296 N83-18858

## NG, T. D.

The effect of primer-adhesive compatibility on adhesive peel strength at low temperature  
p 222 A83-20448

## NG, W. K.

Advanced flight control system study  
[NASA-CR-163117] p 205 N83-13113

## NGUYEN, D. T.

Design Optimization Codes for Structures - DOCS computer program  
p 694 A83-43974

## NGUYEN, L. T.

High angle-of-attack flight dynamics of a forward-swept wing fighter configuration  
[AIAA PAPER 83-1837] p 544 A83-38666  
High-angle-of-attack stability characteristics of a 3-surface fighter configuration  
[NASA-TM-84584] p 288 N83-19757  
Pilot human factors in stall/spin accidents of supersonic fighter aircraft  
[NASA-TM-84348] p 462 N83-26846

## NGUYEN, D. T.

Fail-safe optimal design of complex structures with substructures  
p 212 A83-13490

## NICHOLAS, D. J.

Recent advances in the performance of high bypass ratio fans  
[PNR-90120] p 203 N83-13107

## NICHOLAS, M. O.

An efficient fully implicit simulator  
[CSS-126] p 176 N83-15322

## NICHOLAS, P.

Tarps test program set / parallel development of avionics and its support capability/  
p 54 A83-10755

## NICHOLAS, T.

Life prediction for turbine engine components  
p 474 A83-36174

## NICHOLLS, R. W.

A powder-injection shock-tube facility  
p 290 A83-26132

## NICHOLS, G. H.

Aircraft canopy lock  
[NASA-CASE-FRC-11065-1] p 266 N83-19737

## NICKS, O. W.

Wing extensions for improving climb performance  
[AIAA PAPER 83-2556] p 729 A83-48375

## NICKUM, J. D.

The effects of precipitation static and lightning on the airborne reception of Loran-C Volume 1 Analysis  
[DOT/FAA/RD-82/45-1] p 217 N83-12299  
Enhanced character sizes for the VDM-1 video display board  
[NASA-CR-169692] p 147 N83-15275  
Cockpit weather radar display demonstrator and ground-to-air slants telemetry system  
[NASA-CR-169830] p 210 N83-17534

## NICOL, M. R.

Improving the data base generation process for flight simulator data bases  
[AIAA PAPER 83-0138] p 171 A83-16547

## NICOLAS, J.

Stability study of a tilt-rotor aircraft model  
p 384 A83-31172

## NICOLETTI, B.

Air traffic flow control systems - Modelling and evaluation  
p 258 A83-26602

## NIEDBAL, N.

Survey of the state of the art in modern ground vibration testing  
p 753 A83-49184

## NIEDLING, L. G.

Status review of a supersonically-biased fighter wing-design study  
[AIAA PAPER 83-1857] p 521 A83-38684

## NIEDRINGHAUS, W. P.

Development of airborne collision avoidance algorithms compatible with the national airspace system  
p 511 A83-37141

## NIELSEN, J. N.

Wing-alone aerodynamic characteristics to high angles of attack at subsonic and transonic speeds  
[AD-A125764] p 504 N83-27963

## NIELSON, C. E.

Hybrid hydrostatic/ball bearings in high-speed turbomachinery  
[NASA-CR-168124] p 478 N83-27213

## NIEBELA, J.

The Integrated Inertial Navigation System - AN/ASN-132 p 254 A83-24855  
The Integrated Inertial Navigation System - AN/ASN-132 p 321 A83-28596

## NIJI, K. K.

Ultrasonic weld bonding of helicopter primary structures  
[AD-A124645] p 477 N83-26081

## NIKIFORUK, P. N.

Synthesis of C(astensk)-model reference adaptive flight controller  
p 287 A83-26559

## NILSSON, B. S. A.

Comparison of flight and wind tunnel buffeting measurements on the SAAB 105 aircraft  
p 604 N83-30369

## NILSSON, S. A.

Simulator studies to develop and improve flight attitude information  
p 197 A83-16334

## NIMMER, R. P.

Analytical and experimental investigation of bird impact on fan and compressor blading  
[AIAA 83-0954] p 338 A83-29856

## NINGKUN, C.

Fundamental investigation of jet engine ignition of fuel sprays and its application  
p 693 N83-32734

## NINTZEL, A. J.

The vibration test unit, a unique rail vehicle vibration test facility  
p 632 N83-30774

## NISHIDA, H.

Effect of relative velocity distribution on efficiency and exit flow of centrifugal impellers  
[ASME PAPER 83-GT-74] p 760 A83-47927

## NISHIDA, M.

The effect of displacement velocity on propeller performance  
p 577 A83-41052

## NISHIMURA, H.

Numerical simulation of inviscid compressible flow through two-dimensional cascade by finite area method  
[NAL-TR-709] p 217 N83-12348

## NISHIMURA, J.

Automatic control of balloon altitude  
p 530 A83-39809

## NISHIOKA, T.

Relay balloon  
p 524 A83-39811

A new static-launch method for plastic balloons  
p 548 A83-39816

## NISHIO, K.

Real-time simulation of jet engines with digital computer 1 Fabrication and characteristics of the simulator  
[NASA-TM-77081] p 684 N83-32809

## NISHIOKA, T.

An alternating method for analysis of surface-flawed aircraft structural components  
p 354 A83-28966

## NISHT, M. I.

A study of the effect of the transverse sweep of delta wings on their vortex structures and aerodynamic characteristics in separated flows at low subsonic velocities  
p 178 A83-15096

## NISONGER, R. J.

Low power, air-cooled DC-Link aircraft generation systems  
p 336 A83-27324

## NITA, M. M.

VTOL aircraft stability  
p 45 A83-10577

## NIX, B. G.

B-52 roles in sea control  
p 186 A83-20646

## NIXON, D.

A numerical study of Strake aerodynamics  
[AD-A125882] p 506 N83-29182

## NIYOGI, P.

Existence and uniqueness of shock-free transonic flow past symmetrical thin wings at zero incidence  
p 135 A83-17847

## NOBACK, R.

Some methods for the derivation of taxiing loads for undercarriages with linear or nonlinear properties  
[NLR-TR-81110-U] p 389 N83-23297

- Vertical accelerations of a large aircraft during landing and taxiing  
[NLR-TR-82001-U] p 389 N83-23298
- NOBLE, W B**  
Fault isolation methodology for the L-1011 digital avionics flight control system p 285 A83-24427
- NOE, P S**  
NAVSTAR-GPS at sea p 323 A83-29207
- NOLL, R B**  
Effects of dynamic stall on SWECS p 409 N83-23732
- NOLL, T E**  
Active suppression of aeroelastic instabilities on a forward swept wing  
[AIAA 83-0991] p 341 A83-29869  
Control of forward swept wing aeroelastic instabilities using active feedback systems  
[AIAA PAPER 83-2220] p 621 A83-41701
- NOONAN, K W**  
Experimental investigation of a 10-percent-thick helicopter rotor airfoil section designed with a viscous transonic analysis code  
[NASA-TP-1864] p 582 N83-30389
- NOOR, A K**  
Failure Analysis and Mechanisms of Failure of Fibrous Composite Structures  
[NASA-CP-2278] p 693 N83-33957
- NORRIS, T J**  
Development of a turbojet engine simulator for scale model wind tunnel testing of multi-mission aircraft  
Performance capability of a Compact Multimission Aircraft Propulsion Simulator  
[AIAA PAPER 83-1358] p 464 A83-36356
- NORCROSS, G A**  
Ice sheet surface features in southwestern Greenland from satellite radar altimetry  
[NASA-CR-156887] p 362 N83-22689
- NORDEEN, L**  
Thirty years of fighter armament p 203 A83-20600
- NORDMAN, D A**  
Reformed alcohol fuels for combustion turbines  
Technical and economic feasibility assessment  
[DE82-013921] p 694 N83-34071
- NORDMANN, R**  
Influence of parameter changes to stability behavior of rotors p 187 N83-15648
- NORDSTROM, J**  
Experimental and computational investigation of the flow in the leading edge region of a swept wing  
[AIAA PAPER 83-1762] p 492 A83-37233
- NORGREN, C T**  
Small gas turbine combustor study - Combustor liner evaluation  
[AIAA PAPER 83-0337] p 161 A83-16663  
Effect of broad properties fuel on injector performance in a reverse flow combustor  
[AIAA PAPER 83-0154] p 210 A83-21079  
Effect of broad properties fuel on injector performance in a reverse flow combustor  
[NASA-TM-83013] p 202 N83-13101  
Small gas turbine combustor study - Combustor liner evaluation  
[NASA-TM-83028] p 282 N83-18725
- NORMAN, D C**  
An integrated maneuver enhancement and gust alleviation mode for the AFTI/F-111 MAW aircraft  
[AIAA PAPER 83-2217] p 620 A83-41699
- NORRBOOM, A**  
Sealants Uses in composite structures p 293 A83-23615
- NORTH, D M**  
CF34 upgrades Challenger capabilities p 434 A83-35315
- NORTH, R**  
Application of advanced speech technology in manned penetration bombers  
[AD-A119274] p 219 N83-13344
- NORTHFIELD, J**  
Algorithm development for infra-red air-to-air guidance systems - How to separate the wheat from the chaff A simple approach to target detection p 321 A83-28178
- NORTMANN, U**  
The Open Loop Gust Alleviation system OLGA  
[BMFT-FB-W-82-030] p 397 N83-23319
- NORUM, T D**  
Screech suppression in supersonic jets p 237 A83-19814
- NOTARDONATO, J**  
Multifuel evaluation of rich/quench/lean combustor p 59 A83-11492
- NOTARDONATO, J J**  
Multifuel evaluation of rich/quench/lean combustor  
[NASA-TM-82986] p 69 N83-10559
- NOTON, B R**  
USAF's design guide coming out next month p 239 A83-20647  
Cost factors and approach methodology in selecting structural materials and manufacturing technologies  
[AIAA 83-0791] p 368 A83-29730
- NOUSE, H**  
Development of high loading, high efficiency axial flow turbine p 749 N83-36399
- NOVACKI, S M., III**  
Enhanced character sizes for the VDM-1 video display board  
[NASA-CR-169692] p 147 N83-15275
- NOVAK, C J**  
Measurements in the wake of an infinite swept airfoil  
[NASA-CR-169464] p 13 N83-11086
- NOVICK, A S**  
Multifuel evaluation of rich/quench/lean combustor p 59 A83-11492  
TF41/Lamilo accelerated mission test p 199 A83-15319  
Advanced propfan engine, characteristics and technology needs  
[AIAA PAPER 83-1155] p 450 A83-36250  
Multifuel evaluation of rich/quench/lean combustor  
[NASA-TM-82986] p 69 N83-10559
- NOVIKOV, V S**  
Fundamentals of radio navigation p 17 A83-10668
- NOVOSARTOV, G T**  
Optimization of the oil-change period for aircraft systems and units p 296 A83-26922
- NOVOZHILOV, B V**  
A theoretical study of the nonstationary combustion of a gasifiable solid fuel during a pressure drop p 758 A83-49763
- NOWACK, H**  
Prediction capability and improvements of the numerical notch analysis for fatigue loaded aircraft and automotive components p 213 A83-13907
- NOWAK, R J**  
Flightweight radiantly and actively cooled panel  
Thermal and structural performance  
[NASA-TP-2074] p 68 N83-11513
- NOWOTARSKI, I**  
Finite element strength analysis of rotating shell-plate structures p 229 A83-21448
- NOYCE, J R**  
The influence of equivalence ratio variation on pollutant formation in a gas turbine type combustor p 42 A83-13095
- NOYE, R**  
The ATR 42 will keep its promises p 262 A83-25115
- NOYES, J V**  
Composites in the construction of the Lear Fan 2100 aircraft p 350 A83-29718
- NUFER, W H**  
Potential benefits of a Full Authority Digital Electronic Control (FADEC) installed on a TF30 engine in an F14 flight test demonstrator aircraft p 543 N83-29269
- NUGENT, J**  
Pressures measured in flight on the aft fuselage and external nozzle of a twin-jet fighter  
[NASA-TP-2017] p 424 N83-25665
- O**
- OAK, G Y**  
Gravity modeling for airborne applications p 17 A83-11090
- OBARA, C J**  
Natural laminar flow data from full-scale flight and wind-tunnel experiments p 422 A83-36409  
Flight investigation of natural laminar flow on the Bellanca Skyrocket II  
[SAE PAPER 830717] p 599 A83-43326
- OBERRAUSCH, P J**  
Airport landside operations and air service  
[PB82-235946] p 218 N83-13320
- OBERRIST, W**  
The runways of the Frankfurt Main airport Air traffic lifelines  
[FACHTHEMEN-3] p 400 N83-23322
- OBIRANE, Y.**  
Numerical computation of turbulent flow around the spinner of a turbofan engine p 418 A83-35838
- OBRAZTSOV, I F**  
Problems of the statics and dynamics of modern engineering structures - Current status and prospects p 213 A83-14726  
Aircraft maneuver mechanics with turning of the power-plant thrust vector p 216 A83-22076  
The dynamics of a helicopter rotor structure p 523 A83-39485
- OBRIEN, P J**  
Helicopter IFR approaches into major terminals using RNAV, MLS, and CDTI p 584 A83-41042  
Mixing 4D equipped and unequipped aircraft in the terminal area  
[AIAA PAPER 83-2240] p 591 A83-41717
- OBRIEN, W F**  
High angle-of attack cascade measurements and analysis p 419 A83-35875
- OBRIEN, W F., JR**  
Interaction of fan rotor flow with downstream struts  
[AIAA PAPER 83-0682] p 279 A83-25912
- O'CONNOR, C M**  
United Kingdom military engine usage, condition and maintenance systems experience  
[AIAA PAPER 83-1239] p 453 A83-36302
- ODGERS, J**  
Some fuel effects on carbon formation in gas turbine combustors p 350 A83-29392  
The effects of fuel properties upon pollutants present in gas turbine aero-engines p 469 A83-35813
- ODORICO, J**  
Damage tolerance  
[SNIAS-831-551-103] p 679 N83-32800
- OEHRMAN, W I**  
Stability and control of a supersonic transport airplane during landing approach  
[NASA-TM-84659] p 396 N83-23317
- OLKERS, W**  
Alternative wing concepts for a long-distance aircraft of the nineties  
[DGLR PAPER 82-029] p 261 A83-24155
- OFFI, D L**  
Wind shear detection with a modified airport surveillance radar p 360 A83-27040
- OGUNI, Y**  
Flow quality of NAL two-dimensional transonic wind tunnel Part 1. Mach number distributions, flow angularities and preliminary study of side wall boundary layer suction  
[NAL-TR-693] p 179 N83-12043
- OHATA, T**  
Real-time simulation of jet engines with digital computer 1 Fabrication and characteristics of the simulator  
[NASA-TM-77081] p 684 N83-32809
- OHI, C**  
Recent progress of lighter-than-air programs in Japan  
[AIAA PAPER 83-1993] p 522 A83-38918
- OHNABE, H**  
Residual life prediction for jet engine rotor disks at elevated temperature p 472 A83-33974
- OHTA, O**  
Relay balloon p 524 A83-39811
- OHTA, S**  
Automatic control of balloon altitude p 530 A83-39809
- OKABE, Y**  
Automatic control of balloon altitude p 530 A83-39809  
A new static-launch method for plastic balloons p 548 A83-39816
- OKADA, T**  
Robust model following systems p 220 A83-16146  
Extended perfect model following p 235 A83-20289
- OKEEFE, J V**  
Tests of a thermal acoustic shield with a supersonic jet p 72 A83-10183
- OLIANIUK, P V**  
Fundamentals of radio navigation p 17 A83-10668
- OLIPHANT, W J.**  
Institute of environmental sciences aircraft engine combustor casing life simulation for increased reliability p 391 A83-31493
- OLIVER, R G**  
Validation flight test of UH-60A for Rotorcraft Systems Integration Simulator (RSIS)  
[AD-A125428] p 529 N83-29201
- OLIVERSON, M G**  
Cost analysis of turbine engine warranties  
[AD-A123034] p 394 A83-23313
- OLKOV, V V**  
Dynamic stability of a flight vehicle near a perturbed surface p 396 A83-33008
- OLLERHEAD, J B**  
Laboratory studies of scales for measuring helicopter noise  
[NASA-CR-3610] p 74 N83-11839
- OLSEN, W**  
Experimental comparison of icing cloud instruments  
[AIAA PAPER 83-0026] p 585 A83-42099
- OLSEN, W A, JR**  
NASA Lewis Research Center's program on icing research  
[AIAA PAPER 83-0204] p 127 A83-16582  
NASA Lewis Research Center's Program on Icing Research  
[NASA-TM-83031] p 139 N83-14078

- OLSSON, W. J.**  
The J79D Jet Engine Diagnostics Program  
[NASA-CR-167966] p 214 N83-17544
- ONEILL, H. J.**  
Calculation of the longitudinal stability derivatives and modes of motion for helicopter aircraft  
[AD-A125593] p 546 N83-28000
- ONEILL, J.**  
Equivalency evaluation of firefighting agents and minimum requirements at US Air Force airfields  
[AD-A126443] p 198 N83-17524
- ONEILL, J. P.**  
A placement model for flight simulators  
[AD-A123782] p 466 N83-25730
- ONIONS, R. A.**  
Improvements in the dynamic simulation of gas turbines  
p 543 N83-29264
- ONO, K.**  
Strength tests of CFRP joint assembly models for tailplane structure  
p 559 A83-40159
- ONSTAD, C. H.**  
Air safety - Enforcement of the Federal Aviation Regulations  
p 708 A83-45836
- ONSTOTT, R. G.**  
Helicopter-borne scatterometer  
[AD-A125796] p 562 N83-29561
- ONTIVEROS, R. J.**  
General aviation safety research issues  
[AD-A130074] p 722 N83-36015
- ORAKOVA, I. E.**  
The effect of products based on higher fatty acids on the performance characteristics of jet fuels  
p 468 A83-34500
- ORAN, E. S.**  
Numerical simulation for droplet combustion using Lagrangian hydrodynamics  
p 537 N83-29210
- ORDWAY, F. I.**  
The reaction motors division - Thiokol Chemical Corporation  
[IAF PAPER 83-289] p 755 A83-47330
- OREAR, R. L.**  
Automatic change detection of synthetic aperture radar imagery  
p 22 A83-11222
- OREGAN, J.**  
Air transportable AS32/P-4 crash rescue vehicle  
[AD A128068] p 669 N83-33864
- ORLANDO, V. A.**  
Traffic alert and Collision Avoidance System (TCAS) 1 design guidelines  
[ATC-114] p 187 N83-12066
- TCAS 1 design guidelines**  
[ATC-114] p 187 N83-12067
- Mode S beacon system Functional description**  
[ATC-42-REV-B] p 188 N83-13086
- Comparison of TCAS 1 passive and active transponder detectors**  
p 145 N83-14084
- Traffic alert and collision avoidance system (TCAS) A functional overview of minimum TCAS 2**  
[ATC-119] p 674 N83-32784
- Mode S beacon system Functional description**  
[ATC-42-REV-C] p 698 N83-33016
- ORLIK-RUECKEMANN, K. J.**  
Aerodynamic aspects of aircraft dynamics at high angles of attack  
p 658 A83-43964
- ORLINO, D. G.**  
Evaluation of the effect of voids in composite main rotor blades  
p 472 A83-33507
- Evaluation of the effect of voids in composite main rotor blades**  
p 435 A83-35950
- ORLOFF, L.**  
Computer modeling of aircraft cabin fire phenomena  
[PB83-119891] p 319 N83-22174
- ORMISTON, R. A.**  
Investigations of hingeless rotor stability  
p 600 A83-43674
- ORNELAS, J. R.**  
Applications of head-up displays in commercial transport aircraft  
p 269 A83-24428
- ORTIZ, V. M.**  
A new ejector concept for V/STOL aircraft  
[AIAA PAPER 83-2514] p 745 A83-48358
- ORTMAN, D. W.**  
A computer model for gas turbine blade cooling analysis  
[ASME PAPER 82-JPGC-GT-6] p 279 A83-25267
- ORVILLE, R. E.**  
Observations of optical lightning emissions from above thunderstorms using U-2 aircraft  
p 234 A83-22703
- ORZECOWSKI, J. A.**  
An assessment of factors affecting prediction of near-field development of a subsonic VSTOL jet in cross-flow  
[AD-A124583] p 441 N83-25699
- OSDER, S. S.**  
Generic faults and architecture design considerations in flight-critical systems  
p 262 A83-24426

- OSHER, S.**  
A conservative type-dependent full potential method for the treatment of supersonic flows with embedded subsonic regions  
[AIAA PAPER 83-1887] p 502 A83-39356
- OSKAY, V.**  
On-board instrumentation for test vehicles with varying roll rates  
[AIAA PAPER 83-0570] p 158 A83-16797
- OSMER, S. R.**  
An evaluation of SARP (search and rescue planning system) drift predictions using satellite-tracked drift-buoys  
[AD-A127987] p 589 N83-31588
- OSTASH, O. P.**  
The effect of anisotropy, thickness, and operating time on the crack growth in pressed and rolled products of D16chT and V95pcht1 alloys  
p 350 A83-28478
- OSTRAS, V. N.**  
The effect of the nonuniformity of supersonic flow with shocks on friction and heat transfer in the channel of a hypersonic ramjet engine  
p 211 A83-22654
- OSTROFF, A. J.**  
Restructurable controls for aircraft  
[AIAA PAPER 83-2255] p 622 A83-41728
- Restructurable Controls**  
[NASA-CP 2277] p 688 N83-33896
- OSWATITSCH, K.**  
The far field of an airfoil  
p 7 A83-10573
- OTTENS, H. H.**  
Predicted and measured landing gear loads for the NF-5 aircraft taxiing over a bumpy runway  
p 157 N83-15296
- Predicted and measured landing gear loads for the NF-5 aircraft taxiing over a bumpy runway**  
[NLR-MP-82008-U] p 207 N83-17532
- OTTOMEYER, J. D.**  
Airworthiness and flight characteristics test Part 1  
YAH-64 advanced attack helicopter  
[AD-A118490] p 193 N83-12075
- Airworthiness and flight characteristics test Part 2**  
YAH-64 advanced attack helicopter  
[AD-A125270] p 442 N83-25705
- Airworthiness and Flight Characteristics test (A&FC) of AH-1S with Aircraft General Purpose Dispenser System (AGPDS)**  
[AD-A125978] p 528 N83-29199
- OWCZAREK, J. A.**  
Analysis of an axial compressor blade vibration based on wave reflection theory  
[ASME PAPER 83-GT-151] p 741 A83-47970
- OWEN, A. K.**  
Performance of a tandem-rotor/tandem-stator conical-flow compressor designed for a pressure ratio of 3  
[NASA-TP-2034] p 10 N83-11058
- OWEN, F. K.**  
An assessment of flow-field simulation and measurement  
[AIAA PAPER 83-1721] p 555 A83-37210
- OWEN, R. B.**  
Optical observations of unidirectional solidification in microgravity  
[NASA-TP-2110] p 225 N83-16492
- OWENS, C. A.**  
Flight operations A study of flight deck management  
p 428 A83-33767
- OWENS, R. E.**  
Some aspects of Prop-Fan propulsion systems analysis  
[SAE PAPER 821358] p 532 A83-37956
- OYIBO, G. A.**  
Flutter of orthotropic panels in supersonic flow using affine transformations  
p 228 A83-19821
- OZCANLI, S. C.**  
An experimental study of the unsteady response of the rotor blades of an axial flow compressor operating in the rotating stall regime  
[AIAA PAPER 83-0001] p 129 A83-16454
- OZEROV, V. N.**  
Investigation of flow past an aircraft wing section in flight and in a wind tunnel  
p 493 A83-37506

# P

- PACE, C. E.**  
Evaluation of three state-of-the-art water-jet systems for cutting/removing concrete  
[AD-A123579] p 407 N83-24732
- PACE, T.**  
Development of maintenance concepts for Navy ATE  
p 1 A83-10778
- PACI, P.**  
Practical problems of design and manufacture of a 2-D model and of the device for its cooling and introduction into the T2 pressurized cryogenic intermittent tunnel  
[ONERA, TP NO 1982-88] p 206 A83-14540
- PADHI, A. K.**  
Communication satellite for future military aircraft  
p 634 A83-40885
- PADMANABHAN, R.**  
Stress analysis of critical areas of low-pressure compressor-disc assembly of a developmental aero-engine  
p 449 A83-35880
- PAHL, D. A.**  
Application of a hot gas high pressure rotary vane motor to aircraft APU starting  
[SAE PAPER 821464] p 534 A83-37997
- PAHLE, J. W.**  
The design of a human-powered vehicle  
[AIAA PAPER 83-0649] p 180 A83-16816
- PAILOOR, R.**  
Sensitivity of digital flight control design to parameter estimation error  
[AIAA PAPER 83-2089] p 624 A83-41921
- PAK, E. G.**  
The Ka-26 helicopter  
p 437 A83-36448
- PALANISWAMI, S. A.**  
SLV 3 flight vibration environment  
p 629 N83-30721
- PALARZ, B. G.**  
Effect of aircraft configuration and control integration on surface actuation  
[AIAA PAPER 83-2487] p 727 A83-48347
- PALAZZO, C.**  
Avionics built-in-test effectiveness and life cycle cost  
[AIAA PAPER 83-2448] p 712 A83-49578
- PALAZZOLO, A. B.**  
Helicopter vibration reduction by local structural modification  
p 215 A83-16028
- PALMER, T. A.**  
Control of the material properties and structural application of carbon fibre reinforced plastics  
[AIAA PAPER 83-0859] p 403 A83-32790
- PAMADI, B. N.**  
An evaluation of aerodynamics modeling of spinning light airplanes  
[AIAA PAPER 83-0368] p 169 A83-17922
- Estimation of parameters involved in high angle-of attack aerodynamic theory using spin flight test data**  
[AIAA PAPER 83-2086] p 627 A83-43809
- PANCHENKOV, A. N.**  
Certain aspects of the optimum design of hydrodynamic lifting complexes  
p 375 A83-33002
- The problem of an optimum wing of constant seaworthiness**  
p 375 A83-33003
- PANDA, D. P.**  
Multiscenario imaging sensor autoprocessor  
p 22 A83-11224
- PANHUISE, V. E.**  
Nondestructive evaluation methods for implementation of damage-tolerant designed gas turbine engine components  
[AIAA PAPER 83-1232] p 452 A83-36295
- PANTANI, L.**  
Lidar remote-sensing - Fluorescence and differential reflectance experiments  
p 704 A83-45420
- PAO, S. P.**  
Shock-associated noise in supersonic jets  
p 367 A83-28957
- PAPAILIOU, K. D.**  
A contribution to the calculation of secondary flows in an axial flow compressor  
p 419 A83-35852
- PAPATHANSIOU, A. G.**  
An experimental study of supersonic jet shock-associated noise  
[AIAA PAPER 83-0708] p 307 A83-25924
- PAPKOV, A. I.**  
Potential accuracy of the goniometer section of a complex short-range navigation system  
p 259 A83-26929
- PAPPAS, G.**  
Failure Modes, Effects and Criticality Analysis (FMECA) of type AN/GRN-27 (V) instrument landing system with traveling-wave localizer antenna  
[DOT/FAA/PM-83/18] p 382 N83-24492
- PARADIS, A. R.**  
Traffic alert and Collision Avoidance System (TCAS 1) design guidelines  
[ATC-114] p 187 N83-12066
- TCAS 1 design guidelines**  
[ATC-114] p 187 N83-12067
- PARADIS, D. L.**  
The effect of primer-adhesive compatibility on adhesive peel strength at low temperature  
p 222 A83-20448
- PARANJPE, P. A.**  
The NAL transonic cascade tunnel  
p 55 A83-11081

## PARASKEVOPOULOS, P. N.

A new approach to exact model-matching with applications to aircraft systems p 650 A83-41477

## PARENTI, G.

Consideration on the fatigue damage of specimens used for composite critical components qualification p 697 A83-46307

## PARFITT, D. J.

The fuel efficient jet engine [PNR-90114] p 45 N83-11136

## PARIDA, B. K.

Development of low cost RPVs under Indian conditions p 600 A83-43701

## PARIDON, C. A.

Reliability model for planetary gear trains [ASME PAPER 82-DET 81] p 65 A83-12777

## PARIS, J. F.

Program to compute the positions of the aircraft and of the aircraft sensor footprints [E83-10139] p 234 N83-16814

## PARK, G. D.

Determination of horizontal tail load and hinge moment characteristics from flight data p 383 A83-30162

## PARK, K. Y.

Computer simulation of a differential GPS for civil applications p 323 A83-28790

## PARKER, J. A.

Thermal performance of aircraft polyurethane seat cushions p 294 A83-23849

Optimization of fire blocking layers for aircraft seating [SAWE PAPER 1468] p 565 A83-43742

Polymer materials research at NASA Ames Research Center p 210 N83-12150

## PARKER, J. C.

Integration produces small Ku-band altimeter p 529 A83-37820

## PARKER, J. F., JR.

A flight investigation of simulated data-link communications during single pilot IFR flight Volume 2 Flight evaluations [NASA-CR-3653] p 146 N83-14098

## PARKER, R. J.

Optical methods of flow diagnostics in turbomachinery p 62 A83-11076

Rolling-element fatigue life of AMS 5900 balls [NASA-TP-2080] p 232 N83-16758

Large-bore tapered-roller bearing performance and endurance to 2.4 million DN p 303 N83-20134

## PARKER, R. L., JR.

Development of a three-dimensional adaptive wall test section with perforated walls p 349 N83-20973

## PARKER, W. J.

Assessment of correlations between laboratory and full-scale experiments for the FAA (Federal Aviation Administration) Aircraft Fire Safety Program Part 6 Reduced-scale modeling of compartments at atmosphere pressure [PB83-193052] p 721 N83-34927

## PARKINSON, G. V.

On the application of linearized theory to multi-element aerofoils I - Tandem flat plate aerofoils p 312 A83-27874

## PARKINSON, R. C. H.

A steady state performance model for general aviation spark-ignition piston engines p 336 A83-27163

A fuel-efficient cruise performance model for general aviation piston engine airplanes [NASA-CR-172188] p 686 N83-33891

## PARMELEY, R.

Assessment of crash fire hazard of LH sub 2 fueled aircraft [NASA-CR-165525] p 16 N83-11095

## PARRAG, M.

In-flight simulation at the U.S. Air Force and Naval Test Pilot Schools [AIAA PAPER 83-1078] p 436 A83-36206

## PARRISH, R. V.

Application of nonlinear adaptive motion washout to transport ground-handling simulation [NASA-TM-84568] p 265 N83-18709

Comparison of simulator fidelity model predictions with in-simulator evaluation data [NASA-TP-2106] p 266 N83-18715

Evaluation of g seat augmentation of fixed-base/moving base simulation for transport landings under two visually imposed runway width conditions [NASA-TP-2135] p 333 N83-22191

Motion/visual cueing requirements for vortex encounters during simulated transport visual approach and landing [NASA-TP-2136] p 333 N83-22192

## PARROTT, T. L.

The design and flight test of an engine inlet bulk acoustic liner [AIAA PAPER 83-0781] p 281 A83-25963

## PARSON, L. D.

Titanium powder metallurgy components for advanced aerospace applications [AIAA 83-0982] p 351 A83-29789

## PASCHALL, R. N.

Design of a multivariable tracker control law for the A-7D Digitaic 2 aircraft [AD-A127440] p 629 N83-31607

## PASE, R. L.

Design and performance of a low aspect ratio, high tip speed multi-stage compressor [AIAA PAPER 83-1181] p 451 A83-36253

## PASSMORE, H.

A glimpse into the future of air combat [AIAA PAPER 83-0143] p 171 A83-16552

## PASTORE, P. G.

Airline requirements for future civil transport aircraft [AIAA PAPER 83-2501] p 719 A83-48354

## PASUMANSKII, E. M.

Durability of propeller shaft interference fits under variable cyclic loading [DRIC-T-6880] p 684 N83-32803

## PATEL, T. S.

Nomogram for take-off performance of the V/STOL airplane p 30 A83-12665

## PATERSON, R. W.

Noise of a model helicopter rotor due to ingestion of isotropic turbulence p 190 A83-18397

## PATHAK, P. H.

Near and far field airborne antenna pattern analysis p 143 A83-18645

An asymptotic high frequency analysis of the radiation from sources on perfectly-conducting structures with an impedance surface patch p 144 A83-18647

## PATMORE, L. C.

Computer programs for generation and evaluation of near-optimum vertical flight profiles [NASA-CR-3688] p 389 N83-24500

## PATTEN, C.

Government financial support for civil aircraft research, technology and development in four European countries and the United States [NASA-CR-169537] p 225 N83-14022

## PATTEN, J. W.

Sputtered ceramic coatings and sealing layers [DE82-005225] p 226 N83-16531

## PATTEN, R. B.

The significant elements of the reliability and maintainability programs for the modernized Cobra helicopter weapons/weapons control systems p 406 A83-31499

## PATTERSON, D. J.

Aviation Gasolines and Future Alternatives [NASA-CP 2267] p 352 N83-22442

Lightweight aircraft engines, the potential and problems for use of automotive fuels p 352 N83-22446

Effect of volatility on air-fuel ratio distribution and torque output of a carbureted light aircraft piston engine [FAA-CT-82-117] p 393 N83-23308

## PATTERSON, G. T.

Techniques for determining engine stall recovery characteristics p 543 N83-29265

## PATTERSON, J. C., JR.

Propulsion installation characteristics for turbopfan transports [AIAA PAPER 83-0087] p 130 A83-16513

The NASA supercritical-wing technology [NASA TM-78731] p 11 N83-11071

## PAUL, B. E.

Computerized design of CAD p 215 A83-15415

## PAUL, D. B.

Large-amplitude multimode response of clamped rectangular panels to acoustic excitation [AIAA 83-1033] p 358 A83-29879

## PAUL, W. F.

All weather heliports and airway system - The future need p 463 A83-36073

## PAULK, C. H., JR.

Evaluation of control and display configurations for helicopter shipboard operations [AIAA PAPER 83-2488] p 734 A83-48346

## PAULON, J.

The response of a compressor to a periodic pressure variation in the output region [ONERA, TP NO 1983-29] p 683 A83-44308

Measurement techniques in turbomachines, ultrathin transducers applied to measurements in turbomachines p 216 N83-12273

## PAULSON, J. W., JR.

Trimming high lift for STOL fighters [AIAA PAPER 83-0168] p 168 A83-16566

Effects of spanwise blowing and reverse thrust on fighter low-speed aerodynamics p 136 A83-18410

STOL wind tunnel test results for a tactical supercruiser [AIAA PAPER 83-1224] p 420 A83-36291

An experimental and theoretical investigation of thick wings at various sweep angles in and out of ground effect

[NASA-TP-2068] p 9 N83-10016

Flap effectiveness on subsonic longitudinal aerodynamic characteristics of a modified arrow wing [NASA-TM-84582] p 245 N83-18673

## PAURA, L.

Effects of thermal noise and interference due to scatterers on VOR system accuracy p 18 A83-11092

## PAUSDER, H. J.

The effects of pilot stress factors on handling quality assessments during US/German helicopter agility flight tests [NASA-TM-84294] p 205 N83-13114

## PAVLENKO, V. F.

Aircraft maneuver mechanics with turning of the power-plant thrust vector p 216 A83-22076

## PAVLOV, E. G.

On the synthesis of the optimal control of a certain hydromagnetic process p 363 A83-29265

## PAVLOV, V. A.

On the critical speed of empennage flutter with allowance for the rudder p 340 A83-29286

## PAVLOVA, L. N.

Use of geochemical investigative methods for preliminary hygienic assessment of effect of airports on environment p 349 N83-22972

## PAVLOVSKII, N. I.

Repair of the auxiliary power plants of aircraft p 41 A83-11949

## PAWELETZ, H.

An evaluation of vacuum centrifuged titanium castings for helicopter components p 178 N83-15439

## PAXSON, P. O.

Chemical defense, environmental control systems study [SAE PAPER 820866] p 384 A83-30944

## PAXTON, F.

Aircraft systems test requirements analysis p 54 A83-10737

## PAYEN, J. M.

Containment of turbine engine fan blades p 449 A83-35871

## PAYNE, B. W.

Development of a cost effective approach to modelling aircraft response to repaired runways p 157 N83-15293

## PAYNE, R. C.

The effect on the measurement of aircraft noise of reflections from the ground [NPL-AC-102] p 653 N83-32517

## PAZMANY, L.

The CAC-100 - Design features [SAE PAPER 820730] p 385 A83-31806

## PEACH, L. L.

Helicopter IFR approaches into major terminals using RNAV, MLS, and CDTI p 584 A83-41042

## PEACHEY, N. J.

USAF (United States Air Force) bioenvironmental noise data handbook Volume 2 Index [AD-A126851] p 653 N83-31421

## PEACOCK, A. T.

Testing of antimisting kerosene in the DC-10/KC-10 fuel system simulator [SAE PAPER 821485] p 550 A83-38004

Compatibility study of antimisting kerosene and the DC/KC-10 fuel system [FAA-CT-82-116] p 404 N83-23466

## PEACOCK, L.

The KC-10A - USAF's newest range extender p 189 A83-14700

## PEAKE, D. J.

On issues concerning flow separation and vortical flows in 3 dimensions [NASA-TM-84374] p 504 N83-27961

## PEARCE, P. J.

Aging and performance of structural film adhesives I - A comparison of two high-temperature curing, epoxy-based systems p 223 A83-21048

## PEARCE, W. E.

Evaluation of laminar flow control systems for subsonic commercial transport aircraft. Executive summary [NASA-CR-159252] p 216 N83-17551

## PEARSON, J. H.

The effect of hydrocarbon structure upon fuel sooting tendency in a turbulent spray diffusion flame [ASME PAPER 83-GT-90] p 755 A83-47937

## PEARSON, J. T.

Inertia effects of the dynamics of a disk levitated by incompressible laminar fluid flow [ASME PAPER 83-GT-149] p 761 A83-47968

## PECK, L. G.

YC-15 externally blown flap noise p 652 N83-30715

- PECKHAM, C. G.**  
Handbook of Military Aircraft Design Normal Load Factor Exceedance Data  
[AD-A120870] p 267 N83-19743
- PECZKOWSKI, J. L.**  
Nonlinear multivariable design by total synthesis p 531 A83-37092
- PEDUZZI, A.**  
Simulation of advanced engine lubrication and rotor dynamics systems - Rig design and fabrication  
[AIAA PAPER 83-1133] p 450 A83-36238
- PELEG, I.**  
Investigation of slurry fuel performance for use in a ramjet propulsor p 223 A83-21014
- PELEPEICHENKO, I. P.**  
Method of studying the operating temperature of gas turbines  
[PNR-90159] p 460 N83-26842
- PELIKAN, R. J.**  
F/A-18 high angle of attack departure resistant criteria for control law development  
[AIAA PAPER 83-2126] p 626 A83-41950
- PELISSEIRO, R.**  
Tornado flight control software validation Methodology and tools p 364 N83-22135
- PELLERIN, C. J.**  
Determination of the sensitivity of U.S. Air Force aircraft hydraulic system components to particulate contamination p 475 A83-36910
- PELLISSIER TANON, A.**  
Practical application of fracture mechanics p 230 A83-21799
- PENDLETON, R.**  
Failure Modes, Effects and Criticality Analysis (FMECA) of type AN/GRN-27 (V) instrument landing system with traveling-wave localizer antenna  
[DOT/FAA/PM-83/18] p 382 N83-24492
- PENG, S. T. J.**  
Rheological behavior of FM-9 solutions and correlation with flammability test results and interpretations p 691 A83-44856
- PENIX, L. E.**  
Flow control about an airborne laser turret  
[AD-A123056] p 407 N83-23595
- PENLAND, J. A.**  
Wall-temperature effects on the aerodynamics of a hydrogen fueled transport concept in Mach 8 blowdown and shock tunnels  
[NASA-TP-2159] p 582 N83-30391
- PENNARTZ, S. E.**  
Decision support systems An approach to aircraft maintenance scheduling in the Strategic Air Command  
[AD-A123039] p 372 N83-23269
- PENZIN, V. I.**  
On the choice of the optimal total wedge angle for the air intake of a hypersonic ramjet engine p 212 A83-22656
- PERACCHIO, A. A.**  
Assessment of inflow control structure effectiveness and design system development p 189 A83-13161
- PERALA, R. A.**  
Interpretation methodology and analysis of in-flight lightning data  
[NASA-CR-3590] p 69 N83-11661  
Measurements and theoretical analysis of a full scale NEMP p 588 N83-31222
- PERCIVAL, P. M. E.**  
Vibration in turbomachinery A bibliography of research reports (1966 - 1981)  
[CUEP/A-TURBO-TR-109] p 301 N83-19129
- PERELMAN, R. G.**  
A study of the gas-dynamic efficiency of the labyrinth seals of gas-turbine engines with a profiled stator wall p 615 A83-42153
- PEREZ-OTERO, N. O.**  
A prototype model for the development of training systems and the acquisition of aircrew training devices for developing weapon systems  
[AD-A123041] p 401 N83-23331  
An evaluation of the pavement condition index prediction model for rigid airfield pavements  
[AD-A123002] p 402 N83-24524
- PERIAUX, J.**  
Transonic Euler simulations by means of finite element explicit schemes  
[AIAA PAPER 83-1924] p 503 A83-39378
- PERLMUTTER, L. D.**  
Unaided tactical guidance flight test results p 20 A83-11140
- PERRIERDELABATHIE, R.**  
Minizone image furnace p 633 N83-31658
- PERRY, G.**  
YAH-63 helicopter crashworthiness simulation and analysis  
[AD-A125642] p 510 N83-27970

- PERSCHBACHER, J. P.**  
X-wing 25 foot diameter Lockheed model whirl test report  
[AD-A128959] p 679 N83-33880
- PERSHING, B. M.**  
Potential fuel savings through improved airframe maintenance p 188 N83-17456
- PERSOON, A. J.**  
On measuring transonic dips in the flutter boundaries of a supercritical wing in the wind tunnel  
[AIAA 83-1031] p 331 A83-29878
- PETERKA, J. A.**  
Wind-tunnel research of flowfields within naturally ventilated rooms of simple geometry  
[DE83-008110] p 644 N83-30813
- PETERS, D. A.**  
The use of actuator-disc dynamic inflow for helicopter flap-lag stability p 595 A83-41081  
Design of helicopter rotor blades for optimum dynamic characteristics  
[NASA-CR-169940] p 266 N83-18716
- PETERS, J. E.**  
Characteristic time ignition model extended to an annular gas turbine combustor p 39 A83-10666
- PETERS, J. M.**  
Assessment of advanced ejection seat concepts /A progress report/ p 191 A83-15444
- PETERS, R. B.**  
A precision inertial angular vibration measuring system p 644 N83-30758
- PETERS, W. L.**  
Comparison of computational and experimental jet effects p 7 A83-10185
- PETERSEN, R. A.**  
Antimisting kerosene atomization and flammability  
[NASA-CR-169385] p 211 N83-12246
- PETERSON, C. W.**  
Reductions in parachute drag due to forebody wake effects p 178 A83-15315  
An experimental and theoretical investigation of the reduction in parachute drag caused by forebody wake effects Data compilation and program summary  
[DE83-005364] p 378 N83-24486
- PETERSON, D. E.**  
Investigation of network tree technology as a tool for developing effective fault isolation procedures p 63 A83-11231
- PETERSON, D. J. S.**  
Improving energy efficiency of major weapon systems  
[AD-A119563] p 155 N83-14116
- PETERSON, E. M.**  
Demonstration Advanced Avionics System (DAAS) function description  
[NASA-CR-166282] p 26 N83-10027  
Demonstration Advanced Avionics System (DAAS), phase 1  
[NASA-CR-166503] p 612 N83-31602
- PETERSON, G. N.**  
Fuel/engine/airframe trade-off study Operational effects of increased freeze point fuels  
[AD A121688] p 351 N83-21169
- PETERSON, J. L.**  
Results of tests of a rectangular vectoring/reversing nozzle on an F100 engine  
[AIAA PAPER 83-1285] p 454 A83-36322
- PETERSON, M. B.**  
An evaluation of fretting at small slip amplitudes p 177 A83-17254
- PETERSON, R. L.**  
Acoustic measurements of a full-scale coaxial helicopter  
[AIAA PAPER 83-0722] p 264 A83-25933  
Acoustic measurements of a full-scale coaxial hingeless rotor helicopter  
[NASA-TM-84349] p 571 N83-28986
- PETERSON, V. L.**  
Numerical Aerodynamic Simulation (NAS)  
[NASA-TM-84386] p 652 N83-32397
- PETITIN, J. P.**  
Composite materials on a commuter aircraft The ATR 42  
[SNIAS-822-111-105] p 403 N83-23363
- PETIAU, C.**  
Optimization of aircraft structures p 64 A83-11857
- PETIT, J. L.**  
CINNA - A system for preparing reconnaissance missions p 200 A83-22591
- PETITNOT, J. L.**  
Materials and modelling technology for cryogenic environment p 465 N83-25723
- PETOT, D.**  
Aeroelasticity of helicopter rotors in forward flight p 180 A83-17316  
Stability study of a tilt-rotor aircraft model p 384 A83-31172

- PETRIE, S. L.**  
Transonic interference effects in testing of oscillating airfoils  
[AIAA 83-1032] p 313 A83-29883
- PETROV, B. N.**  
Using adaptive control to synthesize invariant and partially autonomous automatic stabilization systems p 460 A83-33900
- PETROV, K. V.**  
Repair of the auxiliary power plants of aircraft p 41 A83-11949
- PETROV, N. M.**  
Calculation of pressure losses in the diffusers of mixing afterburners p 273 A83-23445  
Determination of full pressure losses in stepped annular diffusers with rectilinear outer walls and a uniform velocity field at the inlet p 613 A83-42130
- PETTAU, C.**  
A method for the numerical simulation of an aircraft undercarriage system p 176 N83-15295
- PETTIGREW, J. L.**  
Life cycle cost management - An engineer's view  
[AIAA PAPER 83-2451] p 770 A83-48334
- PETTIT, F. S.**  
Erosion-corrosion of coatings and superalloys in high velocity hot gases p 757 A83-49481
- PETTIT, O. F.**  
ATE support of RF line replaceable units p 53 A83-10732
- PETTY, J. S.**  
A collection of papers in the aerospace sciences  
[AD-A122667] p 417 N83-26787
- PETUKHOV, A. N.**  
The fatigue strength of compressor disks p 406 A83-32387
- PETUKHOV, A. V.**  
Lasers in aviation p 229 A83-20384
- PFEIFFER, K.**  
Design simplification and cost reduction of helicopter tail rotor drive system by use of composites  
[MBB-UD-348] p 31 N83-10037
- PFEIL, D. L.**  
Airframe RDT&E cost estimating A justification for and development of unique cost estimating relationships according to aircraft type  
[AD-A123848] p 417 N83-25656
- PFISTER, G.**  
Tactical three-dimensional air surveillance radar p 17 A83-10259
- PFLUG, D. R.**  
Composite material aircraft electromagnetic properties and design guidelines  
[AD-A124016] p 470 N83-25795
- PHAM, T.**  
The calculation of two-dimensional transonic flow over aerofolios including boundary layer and wake effects  
[SAE PAPER 830708] p 580 A83-43318
- PHAM, T. A.**  
Computerized design of CAD p 215 A83-15415
- PHATAK, A. V.**  
Modeling methodology for MLS range navigation system errors using flight test data  
[NASA-CR-166411] p 27 N83-11101  
Sensitivity analysis of helicopter IMC decelerating steep approach and landing performance to navigation system parameters  
[NASA-CR-166412] p 27 N83-11102
- PHILBERT, M.**  
Optical sensor for measurement of position and deformations of models in wind tunnel p 64 A83-12347
- PHILIPPE, J. J.**  
An investigation of the aerodynamics of an RAE swept tip using a model rotor  
[ONERA, TP NO 1982-76] p 136 A83-18426  
Studies of aerofolios and blade tips for helicopters p 193 N83-17473
- PHILIPPE, J.-J.**  
Studies of aerofolios and blade tips for helicopters p 135 A83-17317
- PHILIPPOU, G. Y.**  
A novel precise method of measuring the efficiency of arbitrary low-gain antennas p 181 A83-18643
- PHILLIPS, C. L.**  
Observers as noise filters in an automatic aircraft landing system p 285 A83-24434
- PHILLIPS, J. D.**  
Mathematical model of the SH 3G helicopter  
[NASA-TM-84316] p 266 N83-19739
- PHILLIPS, N. S.**  
Investigation of crew restraint system biomechanics  
[AD-A126199] p 510 N83-29190
- PHILLIPS, R. E.**  
The design and implementation of the KC-135 Avionics Hot Bench Monitor p 36 A83-11227



- PI, W. S.**  
Test demonstration of digital control of wing/store flutter p 383 A83-30163
- PIANKO, M.**  
Propulsion and energetics panel working group 14 on suitable averaging techniques in nonuniform internal flows [AGARD-AR-182(ENG)] p 749 N83-34953
- PIASECKI, F. N.**  
Hybrid LTA vehicle controllability as affected by buoyancy ratio [NASA-CR-152344] p 204 N83-12099
- PIATISHEV, P. V.**  
Investigation of possible LTA craft application to solve national economy problems p 317 A83-28194
- PICART, P. E.**  
The toxic nature of gases from the thermal decomposition of combustible materials [RAE-TRANS-2082] p 553 N83-28118
- PICASSO, B. D., III**  
Airworthiness and flight characteristics test Part 1 YAH-64 advanced attack helicopter [AD-A118490] p 193 N83-12075  
Airworthiness and flight characteristics test. Part 2 YAH-64 advanced attack helicopter [AD-A125270] p 442 N83-25705  
Airworthiness and Flight Characteristics (AFC) test of YAH-64 advanced attack helicopter, Prototype Qualification Test-Government (PQT-G), part 3 and Production Validation Test-Government (PVT-G) for handbook verification [AD-A130524] p 734 N83-38025
- PICHOIR, R.**  
Aluminate coatings on superalloys [ONERA, TP NO 1983-68] p 756 A83-48189
- PICKERELL, D. J.**  
Rolls-Royce RB 211-535 power plant p 199 A83-15311
- PICKUP, N.**  
Tests of a thermal acoustic shield with a supersonic jet p 72 A83-10183
- PIEKUTOWSKI, A. J.**  
FOD hazard from tire-lofted debris p 585 A83-42557
- PIEL, K.**  
Experience with the KHD APU T312 for a modern fighter type p 541 N83-29251
- PIERCE, G. A.**  
A discretized asymptotic method for unsteady helicopter rotor airloads [AIAA 83-0989] p 313 A83-29867  
Helicopter rotor loads using discretized matched asymptotic expansions [NASA-CR-166092] p 423 N83-25658  
Helicopter rotor loads using matched asymptotic expansions. User's manual [NASA-CR-166093] p 423 N83-25659
- PIEROWAY, C. S.**  
Aircraft night lighting systems [SAE PAPER 830713] p 609 A83-43323
- PIERRE, D. J.**  
Aerodynamics critical to the operations of tactical fighters from bomb damaged runways [AIAA PAPER 83-1861] p 521 A83-38688
- PIETERS, L. A.**  
Simple CIG - An approach to visual simulation for procedure training p 207 A83-16335
- PIETERSEN, O. B. M.**  
Analysis of possible interference in radio altimeters induced by a position marker system called RASP [NLR-TR-81135-U] p 38 N83-10043
- PIFKO, A. B.**  
An efficient triangular plate bending finite element for crash simulation p 64 A83-12755
- PILIDIS, P.**  
Models for predicting tip clearance changes in gas turbines p 541 N83-29255
- PILKEY, W. D.**  
Helicopter vibration reduction by local structural modification p 215 A83-18028  
Optimal passive frequency response control of helicopters by added structures p 526 N83-27976
- PINCHA, P. J.**  
Algorithmic mass-factoring of finite element model analyses [SAWE PAPER 1451] p 643 A83-43733
- PINCKERT, R. E.**  
Improved fatigue life tracking procedures for Navy aircraft structures [AIAA 83-0805] p 334 A83-29807
- PINES, S.**  
Analytical procedures for flutter model development and checkout in preparation for wind tunnel testing of the OAST ARW-1 wing [NASA-CR-166023] p 170 N83-15317
- PINSLEY, E. A.**  
Advanced techniques for gas and metal temperature measurements in gas turbine engines [AIAA PAPER 83-1291] p 444 A83-36325
- PINUS, N. Z.**  
The diagnosis and evaluation of turbulence which influences the flight of aircraft, according to rawinsonde network observation data p 704 A83-45326
- PIPIPI, L.**  
Lidar system for visibility monitoring p 406 A83-32449  
Lidar remote-sensing - Fluorescence and differential reflectance experiments p 704 A83-45420
- PIRERA, M.**  
Hover and transition flight performance of a twin tilt-nacelle V/STOL configuration [AIAA PAPER 83-1824] p 520 A83-38656
- PITTMAN, J. L.**  
A supersonic maneuver wing designed for nonlinear attached flow [AIAA PAPER 83-0425] p 134 A83-18707
- PITTS, J. N., JR.**  
High altitude jet fuel photochemistry [AD-A125035] p 471 N83-27035
- PIVKO, S.**  
The principles of aerodynamic aircraft design p 384 A83-30924
- PLAETSCHKE, E.**  
Results of Beaver aircraft parameter identification [DFVLR-FB-83-10] p 678 N83-32798
- PLANT, J. B.**  
A discrete tracking control law for nonlinear plants p 286 A83-26503
- PLANT, T. J.**  
Pressures measured in flight on the aft fuselage and external nozzle of a twin-jet fighter [NASA-TP-2017] p 424 N83-25665
- PLATTE, M. M.**  
Improved interior emergency lighting study [DOT/FAA/CT-83/31] p 721 N83-38010
- PLAY, D.**  
Effects of amplitude of oscillation on the wear of dry bearings containing PTFE [ASME PAPER 81-LUB-6] p 64 A83-11942
- PLEASANTS, W. A.**  
A rotor technology assessment of the advancing blade concept [NASA-TM-84298] p 265 N83-18712
- PLECINSKI, P.**  
The ULS experimental ultralight glider made of polymer composites. I - Genesis of the program and construction of the glider p 189 A83-14621
- PLENCNER, R. M.**  
Propeller performance and weight predictions appended to the Navy/NASA engine program [NASA-TM-83458] p 684 N83-32810
- PLENTOVICH, E. B.**  
Adaptive wall wind tunnels, a selected, annotated bibliography [NASA-TM-84526] p 174 N83-14138
- PLOKHNIK, V. P.**  
A small parameter method in problems of maneuvering space vehicles with aerodynamic efficiency p 467 A83-34849
- PLOURDE, G. A.**  
Fighter engine cycle selection [AIAA PAPER 83-1300] p 457 A83-36412
- PLUMER, J. A.**  
Effects of simulated lightning on composite and metallic joints [NASA-TM-84554] p 177 N83-14170
- PLUMEYER, P.**  
Advantages of statistically interrogating onboard anticollision systems p 258 A83-26482  
Data transmission in the case of secondary radar / Mode S/ p 320 A83-27124
- POAST, F. E.**  
Analysis of United States Air Force aircraft accumulators [AD-A122092] p 267 N83-19746
- POBEREZYNY, P.**  
Aviation energy and the future of the recreational use of sport and general aviation aircraft p 352 N83-22444
- PODVIDZ, G. L.**  
Calculation of friction and heat transfer on the profile of a turbomachine cascade p 716 A83-48449
- PODZEI, A. V.**  
Fabrication technology for aircraft engines p 185 A83-20381
- POFF, A. C., JR.**  
AEDCS - A computer-aided system design tool for integrated avionics p 71 A83-11176
- POIRIER, G.**  
A numerical simulation of three-dimensional transonic flows of compressible perfect fluids around aircraft by use of the finite element and least squares methods [AAAF PAPER NT 81-23] p 64 A83-11779  
Digital simulation of transonic 3-dimensional flows of perfect compressible flows around aircraft by the methods of finite elements and of least squares [PB82-213448] p 33 N83-11122
- POISSON-QUINTON, M. P.**  
World aeronautical research - III p 576 A83-43033
- POITZ, H.**  
General aviation fuel quality control p 352 N83-22447
- POKHVALENSKII, V. L.**  
Using adaptive control to synthesize invariant and partially autonomous automatic stabilization systems p 460 A83-33900
- POKORNEY, J. L.**  
Effects of metric change on safety in the workplace for selected occupations [AD-A116595] p 216 N83-12279
- POLEK, T. E.**  
A new facility and technique for two-dimensional aerodynamic testing p 398 A83-32585
- POLHAMUS, E. C.**  
Application of slender wing benefits to military aircraft [AIAA PAPER 83-2566] p 717 A83-49596
- POLHEMUS, W. L.**  
Loran-C RNAV - The best near-term solution to air operations in northeastern North America p 144 A83-18822
- POLIAKOV, A. S.**  
Aviation filters for fuels, oils, hydraulic fluids, and air p 327 A83-28813
- POLIANSKII, O. I.**  
Aerodynamic characteristics of thin wings in a nonequilibrium hypersonic gas flow p 495 A83-37640
- POLITOVICH, M. K.**  
Microphysical influences on aircraft icing p 720 A83-49722
- POLLAK, R. R.**  
Criteria for optimizing starting cycles for high performance fighter engines [AIAA PAPER 83-1127] p 450 A83-36236
- POLLARD, D. W.**  
Crash injury protection in survivable air transport accidents. United States civil aircraft experience from 1970 through 1978 (incomplete) [FAA-CT-82-118] p 381 N83-24489
- POLLARD, R. K.**  
An efficient fully implicit simulator [CSS-126] p 176 N83-15322
- POLLOCK, N.**  
An interferometric investigation of the near design point flow over supercritical aerofoil BGK-1 [ARL/AERO-NOTE-405] p 10 N83-11057  
Aerodynamic test facility requirements for defence R and D to 2000 and beyond [AD-A122096] p 293 N83-19763
- POLLOCK, S. J.**  
AFTI/F-16 aeroservoelastic analyses and ground test with a digital flight control system [AIAA 83-0994] p 341 A83-29888
- POLZ, G.**  
Development of two airfoil sections for helicopter rotor blades p 374 A83-31623  
The calculation of separated flow at helicopter bodies [NASA-TM-76715] p 191 N83-16291  
Studies on blade-to-blade and rotor-fuselage-tail interferences p 193 N83-17479  
Studies on blade-to-blade and rotor-fuselage-tail interferences [MBB-351-82-O-E] p 195 N83-17521
- PONOMAREV, A. T.**  
Integro-differential equations of the dynamics of elastic systems in nonstationary flows p 474 A83-35933
- PONTIER, L.**  
JANUS - An aircraft prototype of a low earth orbit split beam stereoscopic observing system p 355 A83-29696
- PONTING, D. K.**  
An efficient fully implicit simulator [CSS-126] p 176 N83-15322
- POOLE, W. E.**  
Eccentric end wear in cylindrical roller bearings can be predicted and prevented [AIAA PAPER 83-1132] p 474 A83-36237
- POON, V.**  
A laboratory method for the analysis of helicopter underload oscillations [BU-273] p 192 N83-16303
- POOPAKA, S.**  
An analytical pilot rating method for highly elastic aircraft p 203 A83-14843

## POPE, R. E.

Advanced flight control design techniques and handling quality requirements p 51 N83-10075

## POPOGOSHEV, D.

Ion implanting bearing surfaces for corrosion resistance [ASME PAPER 82-LUB-23] p 209 A83-13512

## POPOV, A. G.

A theoretical study of the nonstationary combustion of a gasifiable solid fuel during a pressure drop p 758 A83-49763

## POPOV, M. J.

Multivariable approach to the problem of structural cross coupling of force feedback electrohydraulic actuators p 287 A83-26601

## POPPEL, G. L.

Analysis, design, fabrication and testing of an optical tip clearance sensor [NASA-CR-165265] p 44 N83-11127

## PORADISH, F. J.

Ka-band passive/active airborne radar p 23 A83-11239

## POREH, M.

Wind-tunnel research of flowfields within naturally ventilated rooms of simple geometry [DE83-008110] p 644 N83-30813

## PORSCHKE, G.

Long-term operational testing of CFRP spoilers p 710 A83-47205

## PORTAT, M.

Measurement techniques in turbomachines, ultrathin transducers applied to measurements in turbomachines p 216 N83-12273

## PORTER, B.

Design of direct digital adaptive flight-mode control systems for high-performance aircraft p 46 A83-11179

Design of error-actuated controllers for multivariable plants with unknown dynamics and unmeasurable outputs p 163 A83-19385

Design of high-performance tracking systems [AD-A119440] p 147 N83-14102

Microprocessor implementation of fast-sampling direct digital flight-mode controllers p 342 N83-22096

## PORTER, D.

A study of wavelength division multiplexing for avionics applications [AD-A125749] p 530 N83-27990

## PORTER, D. S.

Design and application of a multivariable, digital controller to the A-7D Digitac II aircraft model p 45 A83-11148

Design and Analysis of a multivariable, digital controller for the A-7D Digitac 2 aircraft and the development of an interactive computer design program [AD-A118134] p 53 N83-11144

## PORTER, M. J.

A new approach to reheat control p 543 N83-29268

## POST, A. H., JR.

Evaluating Scroll refrigerant compressors for reducing size and weight of military aircraft ECS [SAE PAPER 820877] p 263 A83-25771

## POTEKHINA, E. A.

Flow over flat and axisymmetric bodies moving at high variable velocities p 135 A83-17413

## POTEMKIN, V. F.

Effective generalized conductivity of three-phase cellular systems p 367 A83-29270

## POTH, G. E.

Innovative concepts for tactical STOL [AIAA PAPER 83-2129] p 597 A83-41952

Subsonic/supersonic aeropropulsive characteristics of nonaxisymmetric nozzles installed on an F-18 model p 744 A83-48215

## POTOCNIK, V.

Gas turbines for the production of electrical and thermal energy [AD-A126182] p 539 N83-29239

## POTOTZKY, A. S.

Analysis and flight data for a drone aircraft with active flutter suppression p 29 A83-10192

Design of the flutter suppression system for DAST ARW-1R - A status report [AIAA 83-0990] p 330 A83-29868

## POTTER, G. G.

A sensitivity analysis of the Kalman filter as applied to an inertial navigation system [AD-A119623] p 147 N83-14101

## POTTER, J. M.

Evaluation of small cracks in airframe structures p 646 N83-31062

Use of small crack data to bring about and quantify improvements to aircraft structural integrity p 680 N83-34099

## POTTER, P. G.

The effects of weather on rapid runway repair, volume 1 [AD-A130409] p 754 N83-36040

## POTTS, D. W.

Design criteria for the future of flight controls [AD-A121423] p 289 N83-19759

## POULIEZOS, D. P.

Dynamic stability of flight vehicles [AD-A119837] p 170 N83-14137

## POVINELLI, L.

Three-dimensional compressible viscous analysis of mixer nozzles [AIAA PAPER 83-1401] p 422 A83-36391

## POWELL, A. C.

Computer prediction of store aerodynamic loading during separation [AD-A124693] p 378 N83-24483

## POWELL, C. A.

Noise transmission characteristics of advanced composite structural materials [AIAA PAPER 83-0694] p 306 A83-25915

Multiple-event airplane noise annoyance [NASA-TP-2101] p 234 N83-16951

## POWELL, D. M.

Design considerations for the construction of a Sheriff wing in composite materials [BU-280] p 206 N83-16337

## POWELL, R.

The Integrated Technology and Flight Research Rotor Technology demonstrators for the 1985-1995 timeframe p 677 A83-46928

## POWELL, R. G.

USAF Bioenvironmental Noise Data Handbook Volume 160 KC-10A aircraft, near and far-field noise [AD-A121301] p 309 N83-19579

## POWERS, E. J.

Experiments on the role of amplitude and phase modulations during transition to turbulence p 213 A83-14576

## POWERS, J. M.

Vertical impact tests of a modified F/FB-111 crew seat to evaluate headrest position and restraint configuration effects [AD-A120255] p 197 N83-16311

## POWERS, S. A.

The application of energy saving concepts to future fighter/attack aircraft design [AIAA PAPER 83-0092] p 149 A83-16516

## PRABHU, R. K.

Linearized potential solution for an airfoil in nonuniform parallel streams [NASA-CR-173047] p 665 N83-33843

## PRATER, J. T.

Spattered ceramic coatings and sealing layers [DE82-005225] p 226 N83-16531

## PRATT, K. D.

Advanced avionics systems for multimission applications, volume 2 [AD-A121794] p 271 N83-19750

Advanced avionics systems for multimission applications, volume 3 [AD-A121795] p 271 N83-19751

## PRATT, R.

The effect of additives on the aerosolization of JP-5 jet fuel [AD-A119324] p 178 N83-14294

## PRATT, R. D.

Composite engine duct fabrication p 490 A83-39941

## PRATT, T. K.

Structural tailoring of engine blades (STAEBL) [AIAA 83-0828] p 338 A83-29737

## PRECHTER, H.

Use of flight engine technology in stationary industrial gas turbines and diesel motors p 760 A83-47203

## PREISSER, J. S.

Turbofan engine blade pressure and acoustic radiation at simulated forward speed p 274 A83-24026

Flight effects on fan noise with static and wind tunnel comparisons [AIAA PAPER 83-0678] p 279 A83-25910

The design and flight test of an engine inlet bulk acoustic liner [AIAA PAPER 83-0781] p 281 A83-25963

## PRELL, M. E.

Effects of compressor hub treatment on stator stall margin and performance [AIAA PAPER 83-1352] p 475 A83-36354

## PREVITE, P. L.

CONEX gyroscope p 354 A83-28782

## PRICE, D.

Light emitting diodes p 611 N83-30419

## PRICE, E. H.

Air traffic control Its effect on fuel conservation p 202 N83-17464

## PRICE, G.

Military potential of the ABC p 30 A83-12097

## PRICE, H. J., JR.

Wind tunnel investigation of varying hinged flaps [AD-A124703] p 424 N83-25668

## PRICE, J. E.

Application of variable-sweep wings to commuter aircraft [NASA-CR-166067] p 265 N83-18713

## PRIDDIN, C. H.

Emissions variability and traversing on production RB211 engines [ASME PAPER 83-GT-141] p 741 A83-47966

## PRIESTLEY, R. T.

V/STOL-STOL/CTOL comparisons [SAWE PAPER 1499] p 603 A83-43759

## PRIKRYL, I.

Computer tomography of flows external to test models [NASA-CR-169521] p 221 N83-13835

## PRINCE, D. C., JR.

The rule of forbidden signals and apparent Mach numbers in supersonic compressor cascades p 580 A83-42560

## PRINCE, J. M.

Research to develop and evaluate advanced eddy current sensors for detecting small flaws in metallic aerospace components [AD-A125873] p 564 N83-29726

## PRINCE, T. C.

Three dimensional inviscid computation of an impeller flow [ASME PAPER 83-GT-210] p 714 A83-48011

## PROKOFEV, A. N.

Mathematical modeling of gas-turbine engines with heat regeneration p 615 A83-42154

## PROPHET, W. W.

Evaluating the use of electronic flight instrument systems in general aviation aircraft [AD-A118604] p 198 N83-12083

## PROSSER, L. L.

Current status of the MLS program p 672 A83-46958

## PRUSSING, J. E.

Rotor blade flap-lag stability in turbulent flows p 151 A83-18380

Concepts of stochastic stability in rotor dynamics p 152 A83-18382

A closed-form analysis of rotor blade flap-lag stability in hover and low-speed forward flight in turbulent flow [AIAA 83-0986] p 330 A83-29864

Coupled flap-torsional response of a rotor blade in forward flight due to atmospheric turbulence excitations p 618 A83-41073

## PRUYN, R. R.

LHX system design for improved performance and affordability p 595 A83-41080

## PRYDZ, R.

Interior noise considerations for advanced high-speed turboprop aircraft p 675 A83-43970

## PRYDZ, R. A.

Evaluation of interior noise control treatments for high-speed propfan-powered aircraft [AIAA PAPER 83-0693] p 264 A83-25914

Cabin noise weight penalty requirements for a high-speed propfan-powered aircraft - A progress report [SAE PAPER 821360] p 517 A83-37958

## PRZEDPELSKI, Z. J.

The T700-GE-700 engine experience in sand environment p 278 A83-24842

## PRZIBILLA, H.

Stability and control for high angle of attack maneuvering p 50 N83-10069

## PUCCI, S. L.

An experimental study of dynamic stall on advanced airfoil section Volume 2 Pressure and force data [NASA-TM-84245-VOL-2] p 179 N83-12048

## PUCHER, P.

Demands on the air system of modern aircraft engines p 683 A83-46491

## PUFFERT-MEISSNER, W.

The transonic wind tunnel Braunschweig of DFVLR p 217 A83-19663

## PUGH, P. G.

Towards the starship Enterprise - Are the current trends in defence unit costs inexorable? p 413 A83-31923

## PUGMIRE, R. J.

A carbon-13 and proton nuclear magnetic resonance study of some experimental referee broadened-specification /ERBS/ turbine fuels p 59 A83-11482

## PUNCHES, K.

Airplane reliability in a nutshell p 760 A83-47614

## PURVIS, J. W.

Prediction of line sail during lines-first deployment [AIAA PAPER 83-0370] p 133 A83-16676

- Aeroservoelasticity in the time domain p 687 A83-43965
- PUTERBAUGH, S. L.**  
A three-dimensional model for the prediction of shock losses in compressor blade rows [ASME PAPER 83-GT-216] p 744 A83-48016
- PUTMAN, W. F.**  
Rotor aerodynamics in ground effect at low advance ratios [AD-A118609] p 180 N83-12051
- PUTNAM, J. M.**  
Algorithm for Surface of Translation Attached Radiators (A-STAR) Volume 1 Formulation of the analysis [AD-A118459] p 217 N83-12318
- PUTTOCK, M. C.**  
A low signature RPV p 600 A83-43703
- PYNCHON, G. E.**  
Graphite/epoxy material characteristics and design techniques for airborne instrument application p 225 A83-22595
- PYRAH, R.**  
Correlation problems between flutter flight test data and ground tests/calculation results for a variable sweep wing aircraft p 628 N83-30379
- Q**
- QIANGANG, L.**  
Calculation of the lift distribution and aerodynamic derivatives of quasi-static elastic aircraft p 10 N83-11036
- QIWEI, Z.**  
Preliminary study on variable porosity walls for a transonic wind tunnel p 57 N83-11037
- QUAM, D. L.**  
Estimating roll coupling instability for highly augmented aircraft [AIAA PAPER 83-0366] p 169 A83-16673
- QUANBECK, D. B.**  
Methods for generating aircraft trajectories [AD-A122386] p 331 N83-20936
- QUARLES, J. D.**  
Aircraft inspection using radiography p 185 A83-20478
- QUAST, A.**  
Development of four profiles for an experimental propeller in the performance class of 750 PS [DGLR PAPER 82-067] p 243 A83-24181  
Drag reduction by means of pneumatic turbulators [ESA-TT-743] p 505 N83-27965
- QUAYLE, B.**  
Study of the damping characteristics of general aviation aircraft panels and development of computer programs to calculate the effectiveness of interior noise control treatment, part 1 [NASA-CR-169534] p 190 N83-15043
- QUINLIVAN, R. P.**  
Dynamic characteristics of an integrated flight and fire control system p 46 A83-11208
- QUINN, E.**  
The first implementation of ATLAS for testing gas turbine engines p 1 A83-10750
- QUINN, G. H.**  
Status of area navigation p 672 A83-46960
- QUINN, T. J.**  
Pictorial formats Volume 3 Literature review [AD-A119223] p 155 N83-14114  
Pictorial formats Volume 1 Format development [AD-A119222] p 155 N83-14115
- QUINTIERE, J. G.**  
An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 1 Smoke [PB83-113522] p 251 N83-19727  
An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 2 Rate of energy release in fire [PB83-113530] p 251 N83-19728  
An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 4 Flammability tests [PB83-113548] p 251 N83-19729  
An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 5 Some analyses of the post crash fire scenario [PB83-113555] p 251 N83-19730
- QUINTO, P. F.**  
Trimming high lift for STOL fighters [AIAA PAPER 83-0168] p 168 A83-16566  
Effects of spanwise blowing and reverse thrust on fighter low-speed aerodynamics p 136 A83-18410  
Flap effectiveness on subsonic longitudinal aerodynamic characteristics of a modified arrow wing [NASA-TM-84582] p 245 N83-18673

- QUISH, E.**  
Preliminary evaluation of the basic experimental active Beacon Collision Avoidance System (BCAS) [DOT/FAA/RD-82/67] p 186 N83-12058
- QUIST, J. E.**  
The McDonnell Aircraft environmental test laboratory p 172 A83-16931
- QUIST, R. G.**  
Antenna couplers - The aircraft interface p 17 A83-10738

## R

- RABENBERG, B. E.**  
Effect of aircraft configuration and control integration on surface actuation [AIAA PAPER 83-2487] p 727 A83-48347
- RABIN, U. H.**  
Filtering flight data prior to aerodynamic system identification [AIAA PAPER 83-2098] p 597 A83-41928  
Flight directors for STO aircraft [NASA-CR-166517] p 593 N83-31590
- RACKLEY, R. A.**  
Advanced Gas Turbine (AGT) powertrain system development program [NASA-CR-169475] p 200 N83-12088
- RADANT, M. E.**  
Airborne radar and the three PRFs p 589 A83-40759
- RADDIN, J. H., JR.**  
Vertical impact tests of a modified F/B-111 crew seat to evaluate headrest position and restraint configuration effects [AD-A120255] p 197 N83-16311
- RADDELEBAUGH, S. M.**  
Effect of broad properties fuel on injector performance in a reverse flow combustor [NASA-TM-83013] p 202 N83-13101
- RADICATI, B.**  
Lidar system for visibility monitoring p 406 A83-32449
- RADKE, H.**  
Evaluation of an airborne terminal for a digital data link in aviation [DFVLR-FB-83-05] p 516 N83-29196
- RADWAN, S.**  
Boundary layer calculations in the inverse mode for incompressible flows over infinite swept wings [AIAA PAPER 83-0454] p 137 A83-19590
- RADWAN, S. F.**  
Critical review of the trailing edge condition in steady and unsteady flow Blade flutter in compressors and fans Numerical simulation of the aerodynamic loading [NASA-CR-169705] p 137 N83-15264
- RAE, J.**  
An efficient fully implicit simulator [CSS-126] p 176 N83-15322
- RAE, W. J.**  
Measurement and analyses of heat flux data in a turbine stage I - Description of experimental apparatus and data analysis [ASME PAPER 83-GT-121] p 740 A83-47950  
Measurement and analyses of heat flux data in a turbine stage II - Discussion of results and comparison with predictions [ASME PAPER 83-GT-122] p 740 A83-47951
- RAGAN, L.**  
Depot level reparability, maintainability, and supportability of advanced composites [AIAA PAPER 83-2516] p 728 A83-48360
- RAGHUNATH, B. J.**  
Stress analysis of critical areas of low-pressure compressor-disc assembly of a developmental aero-engine p 449 A83-35880
- RAGOSTA, A. E.**  
DATAMAP and its impact on prediction programs p 236 N83-17489
- RAGSDALE, W. A.**  
VOR area navigation - Techniques and results p 323 A83-29205
- RAHA, J. E.**  
Grumman's forward swept wing feasibility studies and X-29A technology demonstrator [SAWE PAPER 1454] p 602 A83-43736
- RAHMAN, F.**  
Radiation characteristics of radial waveguide fed slot arrays of various shapes p 181 A83-18692
- RAJ, P.**  
A multi-gnd method for transonic wing analysis and design [AIAA PAPER 83-0262] p 133 A83-16618

- RAJALA, S. A.**  
A study of real-time computer graphic display technology for aeronautical applications [NASA-CR-169828] p 236 N83-18307
- RAJAN, N.**  
Interception in three dimensions - An energy formulation [AIAA PAPER 83-2121] p 597 A83-41946  
Separation of time scales in aircraft trajectory optimization [AIAA PAPER 83-2136] p 597 A83-41958  
Optimal feedback strategies for pursuit-evasion and interception in a plane [NASA-TM-84311] p 288 N83-18745
- RAJNIC, R. A.**  
Instrument landing system localizer vector far field monitor development [FAA-RD-82-62] p 188 N83-13087
- RAJU, B. B.**  
Analytical and experimental investigation of turbine blade damping [AD-A120470] p 213 N83-16345
- RAJU, P. K.**  
Theoretical and experimental evaluation of transmission loss of cylinders p 237 A83-19808
- RAJU, S. P. G.**  
Identification of the causes of aircraft performance shortfalls in fleet operations p 3 A83-12659
- RAKSHIN, A. F.**  
Determination of zones of crack distribution in flexible specimens p 551 A83-39509
- RALATISZAFY, A. M. C.**  
Generalized flight optimization equations for commercial aircraft p 732 A83-50135
- RALEY, F. C.**  
Principal site testing of the F/A-18 at the Naval Air Test Center p 387 A83-32935
- RALSON, J.**  
Influence of airplane components on rotational aerodynamic data for a typical single-engine airplane [AIAA PAPER 83-2135] p 579 A83-41957
- RALSTON, F.**  
Design and experimentation within the Mobility Development Laboratory (MDL) utilizing the Static and Dynamic Test Machines p 630 A83-42549
- RALSTON, J.**  
Rotary balance data for a typical single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg 1 Influence of airplane components for model D [NASA-CR-3246] p 315 N83-20918
- RAM, R. B.**  
Statistical experimental designs in computer aided optimal aircraft design p 442 N83-26812
- RAMACHANDRA, K.**  
Stress analysis of critical areas of low-pressure compressor-disc assembly of a developmental aero-engine p 449 A83-35880
- RAMACHANDRA, M. S.**  
The NAL transonic cascade tunnel p 55 A83-11081
- RAMACHANDRA, S. M.**  
The transient performance of turbojet engines and axial compressors p 447 A83-35847
- RAMACHANDRAN, S.**  
Improved g-cueing system p 53 A83-10178
- RAMAKRISHNA, S.**  
Constrained optimization of monopulse circular aperture distribution in the presence of blockage p 259 A83-26835
- RAMAKRISHNAN, R.**  
Generation of desired signals from acoustic drivers p 199 A83-15068
- RAMANDET, J. N.**  
ONERA test facilities for propellers and rotors [ONERA, TP NO 1982-121] p 276 A83-24332
- RAMAPRIAN, B. R.**  
Measurements in the wake of an infinite swept airfoil [NASA-CR-169484] p 13 N83-11086
- RAMOHALLI, G.**  
Development of closed loop roll control for magnetic balance systems [NASA-CR-166017] p 208 N83-13122
- RAMOHALLI, K.**  
Application of thermochemical modeling to aircraft interior polymeric materials [NASA-CR-169384] p 211 N83-12237
- RAMSAYER, K.**  
Flight tests of integrated navigation by least squares adjustment p 256 A83-24871
- RAMSDEN, D.**  
New systems for extending the useful float duration of standard zero-pressure balloon flights p 524 A83-39805  
A global HF telecommand system for long duration balloon flights p 514 A83-39813

- RAMSDEN, J. M.**  
The remanufacturers p 127 A83-18075  
The survivable aircraft fire p 585 A83-43407
- RAND, J. L.**  
Balloon film strain measurement p 530 A83-39807
- RAND, O.**  
The aeroelastic behavior of curved helicopter blades in hovering and axial flight p 203 A83-21017
- RAND, U.**  
Prediction of the aerodynamic loads on helicopter blades in hovering and axial flight using lifting line theory p 189 A83-21016
- RANDALL, R. L.**  
Acoustic-emission monitoring of steam turbines [DE82-904663] p 73 N83-10887
- RANG, E. R.**  
Advanced flight control system study [NASA-CR-183117] p 205 N83-13113
- RANGNO, A. L.**  
Production of ice particles in clouds due to aircraft penetrations p 566 A83-39120  
Evidence for the production of ice particles in clouds due to aircraft penetrations p 767 A83-49691
- RANSOM, S.**  
Configuration development for a highly maneuverable experimental aircraft with negative sweep rudder units [DGLR PAPER 82-035] p 261 A83-24160  
Configuration development of a research aircraft with post-stall maneuverability p 439 A83-36915
- RANSONE, R.**  
Lessons from the past. STOL system studies and Ottawa-Montreal STOL demonstration p 252 N83-20837
- RAO, D. M.**  
Segmented vortex flaps [AIAA PAPER 83-0424] p 134 A83-16706  
Alleviation of the subsonic pitch-up of delta wings p 374 A83-32583  
Subsonic balance and pressure investigation of a 60 deg delta wing with leading edge devices [NASA-CR-165923] p 246 N83-19714
- RAO, G. V.**  
Nonlinear supersonic flutter of panels considering shear deformation and rotary inertia p 473 A83-34315
- RAO, J. S.**  
Life estimation methods of gas turbine rotating components p 449 A83-35870
- RAO, K. S.**  
Nonlinear supersonic flutter of panels considering shear deformation and rotary inertia p 473 A83-34315
- RAPAPORT, I.**  
Scout - A real time intelligence and surveillance system p 602 A83-43717
- RAPP, H.**  
Force-transmitting structures in blades for helicopter rotors, wind-tunnel blowers, and wind turbines [DGLR PAPER 82-013] p 764 A83-50138
- RAPP, J. R.**  
Heat transfer on three turbine airfoils [AD-A128762] p 747 N83-34950
- RAPPOLT, F. A.**  
The utility of small aerostats for surveillance missions [AIAA PAPER 83-1973] p 508 A83-38904
- RASMUSSEN, M. L.**  
Optimization of waverider configurations generated from axisymmetric conical flows p 715 A83-48134
- RASPET, R.**  
Operational noise data for UH-60A and CH-47C Army helicopter [AD-A118796] p 223 N83-12974
- RATCLIFFE, S.**  
Management and planning concepts p 326 N83-22185
- RATWANI, M. M.**  
Statistical modeling of ballistic damage and residual strength in composite structures [AIAA 83-1002] p 351 A83-29790
- RAU, C. A., JR.**  
Analysis of a turbine rotor containing a transverse crack at Oak Creek Unit 17 p 186 N83-15632
- RAU, T. H.**  
USAF bioenvironmental noise data handbook Volume 172 Hush-noise suppressor (Aero Systems Engineering, Incorporated) far-field noise [AD-A118773] p 223 N83-12973
- RAUCH, F. J., JR.**  
Transonic flutter model study of a supercritical wing and winglet p 640 A83-41048
- RAULT, A.**  
A failure diagnosis methodology p 304 N83-20232
- RAUTENBERG, M.**  
On the influence of the diffuser inlet shape on the performance of a centrifugal compressor stage [ASME PAPER 83-GT-9] p 737 A83-47881
- Blade vibration measurements on centrifugal compressors by means of telemetry and holographic interferometry [ASME PAPER 83-GT-131] p 740 A83-47959
- RAVENHALL, R.**  
Analytical and experimental investigation of bird impact on fan and compressor blading [AIAA 83-0954] p 338 A83-29856
- RAVIGNANI, G. L.**  
Microeconomic models for process development p 472 A83-33650
- RAVIKOVICH, I. U. A.**  
A study of the characteristics of short hydrodynamic dampers of aircraft engine motors with allowance for turbulization of the working fluid in the damper clearance p 613 A83-42129
- RAWLINGS, K., III.**  
Aerodynamic characteristics of the AFFTC noseboom instrumentation unit, volume 1 [AD-A118315] p 14 N83-11089
- RAWLINGS, R. C.**  
The role of advanced navigation in future air traffic management p 252 A83-23372  
The role of advanced navigation in future air traffic management p 255 A83-24867
- RAWLS, J. W., JR.**  
Comparison of forward flight effects theory of A Michalke and U Michel with measured data [NASA-CR-3685] p 238 N83-17239
- RAY, D. J.**  
Modern technology and airborne engine vibration monitoring systems [AIAA PAPER 83-1240] p 444 A83-36303
- RAY, E. J.**  
Investigation of the effects of upstream sidewall boundary-layer removal on a supercritical airfoil [AIAA PAPER 83-0388] p 133 A83-16686  
Design and construction of 2 transonic airfoil models for tests in the NASA Langley C 3-M TCT [NASA-TM-85325] p 401 N83-23328  
High Reynolds number tests of the CAST 10-2/DOA 2 airfoil in the Langley 0.3-meter transonic cryogenic tunnel, phase 1 [NASA-TM-84620] p 424 N83-25660
- RAY, R.**  
The evolution of Navy Flight Line EW teststers from AN/ALM-66 to AN/USM-406C p 54 A83-10739
- RAYMER, D. P.**  
Conceptual kinematic design using homogeneous coordinate transformations [AIAA PAPER 83-2460] p 768 A83-48337
- RAYMER, J. A.**  
Operation of an aircraft engine using liquefied methane fuel p 576 A83-43239
- RAYMOND, E. T.**  
Fire resistant aircraft hydraulic system [AD-A118169] p 33 N83-11118
- RAZAVI, N.**  
Flight testing and operational demonstrations of a modern non-rigid airship [AIAA PAPER 83-1999] p 523 A83-38920
- RE, J. J.**  
Stability and control characteristics Including aileron hinge moments of a model of a supercritical-wing research airplane [NASA-TM-X-2929] p 4 N83-11024
- REAMER, R. E.**  
United States Air Force tactical reconnaissance - An analysis and commentary p 186 A83-22574
- REASER, J. S.**  
Design and true Reynolds number 2-D testing of an advanced technology airfoil [AIAA PAPER 83-1792] p 496 A83-38632
- REAZER, J.**  
Electromagnetic measurements of lightning attachment to aircraft p 647 N83-31199  
Airborne measurements of the rsetimes in lightning return stroke fields p 649 N83-31200
- REAZER, J. S.**  
Lightning field spectra obtained from airborne measurements p 649 N83-31201
- REBBECCHI, B.**  
Cockpit temperatures and cooling requirements of a packed aircraft [ARL-MECH-ENG-NOTE-388] p 205 N83-16327
- REBONT, J.**  
A half-wing near a wall at high angles of attack in a pulsed flow [AAAF PAPER NT 81-12] p 8 A83-11773
- REBUFFET, P.**  
The effects of supports on the flow behind a body [NASA-TM-77073] p 691 N83-33909
- REDDEN, T. K.**  
Powder metallurgy Rene 95 rotating turbine engine parts, volume 2 [NASA-CR-165141] p 178 N83-15412
- REDDICK, H. K., JR.**  
Safe-life and damage-tolerant design approaches for helicopter structures p 693 N83-33961
- REDDY, T. S. R.**  
The use of actuator-disc dynamic inflow for helicopter flap-lag stability p 595 A83-41081
- REDING, J. P.**  
Support interference in static and dynamic tests p 55 A83-11074  
Subsonic dynamic stall in pitching and plunging oscillations including large ground interference effects [AIAA 83-0889] p 313 A83-29836  
Effects of external burning on spike-induced separated flow p 715 A83-48132
- REDKAR, R. T.**  
Present status and new trends in scientific ballooning in India p 525 A83-39817
- REDMOND, D. A.**  
A discrete tracking control law for nonlinear plants p 286 A83-26503
- REED, C. G.**  
Comparison of some matching methods p 22 A83-11219
- REED, E. J.**  
EAGLE/DTA - A life cycle cost model for damage tolerance assessment [ASME PAPER 83-GT-76] p 739 A83-47929
- REED, J. E.**  
Enhanced TCAS 2 p 145 N83-14088  
Digital flight control system validation [AD-A124506] p 462 N83-26847
- REED, R. E.**  
The Hummercraft p 204 A83-21033
- REED, R. J.**  
LCC evaluation of advanced engine damage tolerance goals for a hot-section disk [AIAA PAPER 83-1407] p 456 A83-36396
- REED, R. R.**  
Wing-alone aerodynamic characteristics to high angles of attack at subsonic and transonic speeds [AD-A125764] p 504 N83-27963
- REED, R. W.**  
Multiple diffraction effects in VHF propagation p 182 A83-18725
- REESE, B. A.**  
Ground simulation of engine operation at altitude p 463 A83-35863
- REEVES, B.**  
Single- and multiple-crater induced nosetip transition p 420 A83-36078
- REGAN, F. J.**  
Hypersonic dynamic testing of ablating models with three-degree-of-freedom gas bearings p 753 A83-48135
- REGENIE, V. A.**  
Qualification of the flight-critical AFTI/F-16 digital flight control system [AIAA PAPER 83-0060] p 167 A83-16492
- REGIPA, R.**  
An atmospheric sounding balloon with ballast - An automatic numerical model for its manufacture and simulation of its evolution p 524 A83-39804
- REHMANN, A. J.**  
Recommendations for automated monitoring of radio equipment associated with flight service stations [FAA-CT-82-31] p 217 N83-12298
- REICHERT, G.**  
Developmental trends in helicopter design [DGLR PAPER 82-065] p 262 A83-24179  
Survey of active and passive means to reduce rotorcraft vibrations [MBB-UD-350] p 206 N83-16335
- REID, D. B.**  
An integrated multisensor aircraft track recovery system for remote sensing p 257 A83-26266
- REID, L. D.**  
Conflict of interest wind modeling in aircraft response study p 189 A83-13158
- REID, M. D.**  
Survivability of interdiction aircraft. Sensitivity to terrain following, command altitude, velocity and electronic counter measures [AD-A124870] p 443 N83-26833
- REIDER, S. B.**  
Effect of fuel composition on Navy aircraft engine hot section components [AIAA PAPER 83-1147] p 450 A83-36244
- REIF, H. E.**  
An exploratory research and development program leading to specifications for aviation turbine fuel from whole crude shale oil Part 4 Production of samples of military fuels from raw shale oils [AD-A117526] p 60 N83-10211

- REILLEY, T. A.**  
Application of composites and computer graphics in the design of the MH-53E fuel sponson  
[AIAA PAPER 83-2441] p 726 A83-48329
- REIMERS, S. L.**  
Interaction of fan rotor flow with downstream struts  
[AIAA PAPER 83-0682] p 279 A83-25912
- REINA, F.**  
Integrated navigation system for the Agusta 129 attack helicopter  
p 256 A83-24870
- REINER, D.**  
Generation of the mode select sensor network coverage map  
[ATC-98A] p 188 N83-13088
- REINHARDT, G.**  
Electroless nickel applications in aircraft maintenance  
[SAE PAPER 820609] p 696 A83-45867
- REINISCH, B. W.**  
Measuring the antenna pattern of the HF heater antenna in Puerto Rico  
[AD-A119963] p 186 N83-15558
- REINMANN, J. J.**  
NASA Lewis Research Center's program on icing research  
[AIAA PAPER 83-0204] p 127 A83-16582  
NASA Lewis Research Center's Program on Icing Research  
[NASA-TM-83031] p 139 N83-14078
- REINMUTH, K.**  
Development and fabrication of refractory bodies for gas turbine engines  
[BMFT-FB-T-82-138] p 164 N83-14132
- REIS, V. H.**  
Highlights of the new national aeronautical research and technology policy  
p 175 A83-16374
- REISING, J. M.**  
Color, pictorial display formats for future fighters  
p 35 A83-11134
- REISS, E. L.**  
A nonlinear structural concept for compliant walls  
[NASA-CR-3628] p 11 N83-11061
- REISS, J. D.**  
Synergistic integration of JTIDS/GPS technology  
p 323 A83-28789
- REITZ, M. D.**  
Tactical aircraft engine usage - A statistical study  
p 274 A83-24033  
Analysis of engine usage data for tactical systems  
[AIAA PAPER 81-1370] p 337 A83-29011
- REMAR, J.**  
Battle damage and repair of an advanced composite A-7 outer wing  
p 575 A83-42547
- REMBOLD, B.**  
A mm-wave collision warning device for helicopters  
p 645 N83-30895
- REMBOLD, J. P.**  
Digital electronic engine control system - F-15 flight test  
p 162 A83-18406
- REN-FU, L.**  
An experiment to improve the surge margin by use of cascade with splitter blades  
p 283 N83-18956
- REN, P.**  
Nonsynchronous whirls of the turbine rotor in aerojet engines  
p 615 A83-43694
- RENEARD, A.**  
Omega application in the Indonesian region  
p 431 A83-35599
- RENSHAW, R. D.**  
A fighter landing gear for the 1980's  
p 158 N83-15301
- RENSHAW, T.**  
Comparison of properties of joints prepared by ultrasonic welding and other means  
p 406 A83-32586
- RENTEUX, J. L.**  
Fuel savings in air transport  
p 138 A83-19150
- RENZ, R. R. L.**  
Data acquisition/reduction system for flight testing general aviation aircraft  
p 37 A83-11903
- REPACHOLI, N. J.**  
Cockpit temperatures and cooling requirements of a packed aircraft  
[ARL-MECH-ENG-NOTE-388] p 205 N83-16327  
Manufacture of a hot wire target element for a cloud liquid water content meter  
[AD-A122111] p 304 N83-20500
- REPIK, E. U.**  
Optimum wire screens for control of turbulence in wind tunnels  
p 417 A83-33772
- REUBUSH, D. E.**  
Some solutions to the problems and pitfalls of laser velocimetry in a large transonic wind tunnel  
p 346 A83-28832  
Effects of varying podded nacelle-nozzle installations on transonic aeropropulsive characteristics of a supersonic fighter aircraft  
[NASA-TP-2120] p 427 N83-26821
- REVELL, J. D.**  
Evaluation of interior noise control treatments for high-speed propfan-powered aircraft  
[AIAA PAPER 83-0693] p 264 A83-25914  
Cabin noise weight penalty requirements for a high-speed propfan-powered aircraft - A progress report  
[SAE PAPER 821360] p 517 A83-37958  
Interior noise considerations for advanced high-speed turboprop aircraft  
p 675 A83-43970
- REYNES, A.**  
Utilization of the Trident radar system for air navigation, photogrammetry, and geodesy at the National Geographic Institute First results - Ongoing tests  
p 514 A83-40623
- REYNOLDS, B.**  
Blade loading and rotation effects on compressor rotor wake near end walls  
p 190 A83-22138
- REYNOLDS, C. M., JR.**  
An analysis of the F-16 aircraft requirements generation process and its adverse impact on contractor rate capacity  
[AD-A123003] p 373 N83-23272
- REYNOLDS, C. N.**  
Propulsion system integration configurations for future prop-fan powered aircraft  
[AIAA PAPER 83 1157] p 535 A83-38081
- REYNOLDS, P. A.**  
Simulation for predicting flying qualities  
p 52 N83-10080
- REZEK, T. W.**  
Unmanned vehicle systems experiences at the Dryden Flight Research Facility  
[NASA-TM-84913] p 526 N83-27978
- RHINE, W. E.**  
Spectrometer sensitivity investigations on the spectrometric oil analysis program  
[AD-A127969] p 638 N83-31752
- RHODES, D. B.**  
Preliminary rotor wake measurements with a laser velocimeter  
[NASA-TM-83246] p 301 N83-19018
- RHYNE, V. T.**  
NAVSTAR-GPS at sea  
p 323 A83-29207
- RIABTSOV, A. L.**  
Optimality of the measurement of navigation parameters on the basis of signals of difference-ranging systems  
p 17 A83-10805
- RIAZ, A.**  
Investigation of a third order baro-damped vehicle channel of INS  
[AD-A124882] p 432 N83-26828
- RICE, D.**  
ASPLJ update counters the changing threat  
p 140 A83-16866
- RICE, E. J.**  
Aircraft turbofan noise  
[NASA-TM-83317] p 239 N83-18405
- RICE, J. L.**  
Standardized pavement strength reporting system ACN/PCN  
[AIAA PAPER 83-1602] p 400 A83-33365
- RICH, M. J.**  
Design, analysis and test of composite curved frames for helicopter fuselage structure  
[AIAA 83-1005] p 356 A83-29805  
Flight service evaluation of composite helicopter components  
[NASA-CR-165952] p 192 N83-12071  
Design, fabrication, installation and flight service evaluation of a composite cargo ramp skin on a model CH-53 helicopter  
[NASA-CR-172126] p 693 N83-33955
- RICHARDS, B. E.**  
Measurement techniques for heat transfer in the turbine using short duration wind tunnel techniques  
p 216 N83-12271
- RICHARDS, C. J.**  
Thrust reverser exhaust plume reingestion tests for a STOL fighter model  
[AIAA PAPER 83-1229] p 452 A83-36293
- RICHARDSON, D. F.**  
Predicted and flight test results of the performance and stability and control of the space shuttle from reentry to landing  
p 634 N83-30360
- RICHARDSON, D. W.**  
Technical and operational evaluation of wide-area coverage navigation systems in the continental United States  
p 255 A83 24857  
Technical and operational evaluation of wide-area coverage navigation systems in the continental United States  
p 321 A83-28594
- RICHARDSON, S. W.**  
Interaction of fan rotor flow with downstream struts  
[AIAA PAPER 83-0682] p 279 A83 25912
- RICHARZ, W. G.**  
Length and time scales relevant to sound generation in excited jets  
p 222 A83-15298
- RICHE, K. A.**  
Analysis of F-16 radar discrepancies  
[AD-A124749] p 476 N83-25948
- RICHMAN, J.**  
Design of an integrated strapdown guidance and control system for a tactical missile  
[AIAA PAPER 83-2169] p 591 A83-41665  
The use of multiple inertial systems to correct for the effects of gravitational anomalies  
[AIAA PAPER 83-2196] p 591 A83-41681
- RICHMOND, W.**  
Integration produces small Ku-band altimeter  
p 529 A83-37820
- RICK, H.**  
A Differential Omega/VLF Navigator  
p 254 A83-24856  
Generalized digital simulation technique with variable engine parameter input for steady state and transient behaviour of aero gas turbines  
p 543 N83-29263
- RICKARD, J. R.**  
ASTF test instrumentation system detail design  
p 54 A83-11059
- RICKETTS, R. H.**  
Transonic pressure distributions on a rectangular supercritical wing oscillating in pitch  
[AIAA 83-0923] p 313 A83-29849  
Some recent applications of XTRAN3S  
[AIAA PAPER 83-1811] p 497 A83-38644  
Evaluation of four subcritical response methods for on-line prediction of flutter onset in wind tunnel tests  
p 753 A83-48212  
Flutter clearance of the horizontal tail of the Bellanca Skyrocket II airplane  
[NASA-TM-84528] p 31 N83-10035  
Structural testing for static failure, flutter and other scary things  
[NASA-TM-84606] p 234 N83-17899  
Aeroelastic instability stoppers for wind tunnel models  
[NASA-CASE-LAR-12458-1] p 361 N83-21503  
Aeroelastic instability stoppers for wind tunnel models  
[NASA-CASE-LAR-12720-1] p 361 N83-21504  
Some recent applications of XTRAN3S  
[NASA-TM-85641] p 426 N83 26815
- RICKLEY, E. J.**  
Helicopter noise exposure curves for use in environmental impact assessment  
[AD-A123467] p 413 N83-25500  
Helicopter noise survey at selected New York City heliports  
[AD-A129167] p 770 N83-36849
- RICKMAN, J. D., JR.**  
Minimum contact magnetic sensing of turbine blade speed  
p 391 A83-30175
- RIDDER, S. O.**  
Experimental study of strength and existence domain of ground-to-air inlet vortices by ground board static pressure measurements  
[PB83 144865] p 460 N83-26843
- RIDDLE, D. W.**  
Selected results from the quiet short haul research aircraft flight research program  
p 189 A83-13165  
Applications of advanced upper surface blowing propulsive-lift technology  
[SAE PAPER 820956] p 433 A83-33628
- RIDDLEBAUGH, S. M.**  
Small gas turbine combustor study - Combustor liner evaluation  
[AIAA PAPER 83-0337] p 161 A83-16663  
Effect of broad properties fuel on injector performance in a reverse flow combustor  
[AIAA PAPER 83-0154] p 210 A83-21079  
Small gas turbine combustor study Combustor liner evaluation  
[NASA TM-83028] p 282 N83-18725
- RIDGELY, D. B.**  
Decoupling of high gain multivariable tracking systems  
[AIAA PAPER 83-0280] p 140 A83-16625
- RIECKHOFF, H. J.**  
Automatized bonding process for load-bearing aircraft cellular structural components in light contour systems  
p 709 A83-47198
- RIEDLER, W.**  
Scientific ballooning - III, Proceedings of the Workshop, Ottawa, Canada, May 16-June 2, 1982  
p 490 A83-39801  
Balloon research and cooperative programmes  
p 490 A83-39838
- RIGGS, G. E.**  
Analysis of progressive collapse of complex structures  
[AD-A125266] p 478 N83-27260
- RIHA, B.**  
The module concept in a mathematical model of a turboprop engine  
p 161 A83-16878

- RILEY, W. J.**  
Phase 2A bench model development tactical rubidium frequency standard  
[AD-A124462] p 477 N83-25990
- RIMER, M.**  
Divergence suppression system for a forward swept wing configuration with wing-mounted stores  
[AIAA PAPER 83-2125] p 625 A83-41949
- RINGEL, M. B.**  
F-16 pulse Doppler radar /AN/APG-66/ performance  
p 200 A83-22737
- RINGGOLD, J. H.**  
The significant elements of the reliability and maintainability programs for the modernized Cobra helicopter weapons/control systems  
p 406 A83-31499
- RINGLAND, R. F.**  
Heavy-lift airship dynamics  
p 340 A83-29016  
Determination of motion and visual system requirements for flight training simulators  
[AD-A117555] p 57 N83-11149  
Flight dynamics analysis and simulation of heavy lift airships Volume 1 Executive summary  
[NASA-CR-166471-VOL-1] p 344 N83-22207  
Flight dynamics analysis and simulation of heavy lift airships Volume 2 Technical manual  
[NASA-CR-166471-VOL-2] p 344 N83-22208  
Flight dynamics analysis and simulation of heavy lift airships Volume 5 Programmer's manual  
[NASA-CR-166471-VOL-5] p 344 N83-22211
- RINKEVICH, B. S.**  
Methods of laser Doppler anemometry  
p 559 A83-40605
- RIO, R. A.**  
Automated diagnostic system for engine maintenance  
[ASME PAPER 83-GT-103] p 739 A83-47943
- RISING, J. J.**  
An advanced control system for a next generation transport aircraft  
[AIAA PAPER 83-2194] p 620 A83-41679
- RITCHIE, R. O.**  
Influence of overloads and block loading sequences on mode III fatigue crack propagation in A469 rotor steel  
p 551 A83-39075  
Mechanics and physics of the growth of small cracks  
p 700 N83-34096
- RITLAND, J. T.**  
Unaided tactical guidance flight test results  
p 20 A83-11140
- RITTER, A. W.**  
Toward 'combat realistic' tests, evaluations, exercises - and training  
p 56 A83-11237
- RIUTIN, V. B.**  
Investigation of the possibility of reducing aerodynamic drag by a mechanism of initial vortex formations  
p 374 A83-30723
- RIVERS, F. G.**  
Helicopter avionics systems certification  
p 687 A83-45849
- RIVIERE, W. P., JR.**  
CTOL, STOAL, V/STOL - An operational comparison for forward deployed CVNs  
p 196 A83-22157
- RIZK, N. K.**  
Influence of atomizer design features on mean drop size  
p 612 A83-40865
- RIZZETTA, D. P.**  
Unsteady transonic flow over wings including inviscid/viscous interaction  
p 190 A83-22132
- RIZZI, A.**  
Computation of vortex flow around wings using the Euler equations  
p 177 A83-14605
- ROARK, D. R., JR.**  
Air safety - Enforcement of the Federal Aviation Regulations  
p 708 A83-45838
- ROBB, J. D.**  
Measurements and theoretical analysis of a full scale NEMP  
p 588 N83-31222
- ROBBINS, D. W.**  
Software configuration control in a real-time flight test environment  
p 29 A83-11144
- ROBBINS, R. D.**  
UH-60A light icing envelope evaluation with the blade deicing kit installed but inoperative  
[AD-A125630] p 528 N83-27987  
Limited artificial and natural icing test of the OV-ID (re-evaluation)  
[AD-A127191] p 606 N83-30410
- ROBERSON, M.**  
Preliminary analyses of flail, windblast and tumble problems and injuries associated with usage of U.S. Navy Aircrew Automated Escape Systems /AAES/  
p 183 A83-15407
- ROBERSON, M. M.**  
Preliminary overview analyses of U.S. Navy Aircrew Automated Escape Systems /AAES/ in-service usage data  
p 182 A83-15405

- ROBERT, J. P.**  
Fuselage-lifting surfaces interaction in unsteady subsonic flow  
p 189 A83-22093
- ROBERTS, C. E., JR.**  
Safety benefits analysis of general aviation cockpit standardization  
[FAA-CT-82-143] p 140 N83-15272
- ROBERTS, D. V.**  
Alternative vaneless diffusers and collecting volutes for turbocharger compressors  
[ASME PAPER 83-GT-32] p 760 A83-47894
- ROBERTS, J. D.**  
Procedure for application of boron-fibre reinforced plastic patch to the Mirage lower wing skin fuel decant region  
[AD-A119545] p 177 N83-14173
- ROBERTS, L.**  
Recent progress in V/STOL technology  
p 3 A83-12852  
Elevated temperature repairs of advanced composite structures  
p 223 A83-20499
- ROBERTS, W. B.**  
Turbine engine fuel conservation by fan and compressor profile control  
p 213 N83-17467
- ROBINETTE, G. J.**  
Strapdown inertial performance needed for the 1990s  
p 19 A83-11127  
A multifunction integrated approach to providing aircraft inertial data  
p 254 A83-24853  
A multifunction integrated approach to providing aircraft inertial data  
p 321 A83-28595
- ROBINS, A. J.**  
The extended Kalman filter and its use in estimating aerodynamic derivatives  
p 340 A83-28183
- ROBINS, A. W.**  
Application of variable-sweep wings to commuter aircraft  
[NASA-CR-166067] p 265 N83-18713  
Effect of advanced technology and a fuel efficient engine on a subsonic-cruise executive jet with a small cabin  
[NASA-CR-172190] p 679 N83-33876
- ROBINS, P.**  
Target acquisition and extraction from cluttered backgrounds  
p 268 A83-23531
- ROBINSON, C. A., JR.**  
USAF studies fighters for dual-role, all-weather operations  
p 151 A83-17276
- ROBINSON, C. P.**  
Survey of inlet development for supersonic aircraft  
[AIAA PAPER 83-1164] p 503 A83-40473
- ROBINSON, G. A.**  
The influence of reference system disparity on navigation and positioning  
[AD-A125548] p 515 N83-29195
- ROBINSON, J. C.**  
Application of a systematic finite-element model modification technique to dynamic analysis of structures  
[NASA-TM-83292] p 301 N83-19124
- ROBINSON, J. E., JR.**  
Human factors dilemmas in the quest for aviation safety  
p 183 A83-15423
- ROBINSON, M. C.**  
Unsteady flow separation and attachment induced by pitching airfoils  
[AIAA PAPER 83-0131] p 131 A83-16544
- ROBINSON, M. L.**  
Aerodynamic test facility requirements for defence R and D to 2000 and beyond  
[AD-A122086] p 293 N83-19763
- ROBINSON, S. P.**  
Advanced Ultra-Violet (UV) aircraft fire detection system Volume 1 System description and flight test  
[AD-A121253] p 198 N83-17526
- ROCHA, L. G.**  
Air traffic services in Portugal Civil-military coordination aspects  
p 325 N83-22183
- ROCK, S. M.**  
Sensor failure detection for jet engines  
[NASA-CR-168190] p 699 N83-33182
- ROCKETTS, R. H.**  
Aeroelastic considerations for continuous patrol/high altitude surveillance platforms  
[AIAA 83-0924] p 329 A83-29850
- ROCKS, J. K.**  
Microwave Ice Accretion Measurement Instrument /MIAMI/  
p 208 A83-22163  
Development and test of a Microwave Ice Accretion Measurement Instrument (MIAMI)  
[NASA-CR-3598] p 159 N83-14123
- ROCKWELL, D. O.**  
Critical review of the trailing edge condition in steady and unsteady flow Blade flutter in compressors and fans  
Numerical simulation of the aerodynamic loading  
[NASA-CR-169705] p 137 N83-15264

- RODERICK, W. E. B.**  
Development of the MICROSAS longitudinal flight control system for the augmentor wing aircraft  
[AD-A128331] p 629 N83-31608
- RODGERS, C.**  
The performance of single shaft gas turbine load compressor auxiliary power units  
[AIAA PAPER 83-1159] p 451 A83-36251  
Mid and high temperature rotor program for a 30 kW gas turbine generator set  
[AD-A129780] p 749 N83-36033
- RODGERS, D. L.**  
Demonstration Advanced Avionics System (DAAS) function description  
[NASA-CR-166282] p 26 N83-10027  
Demonstration Advanced Avionics System (DAAS), phase 1  
[NASA-CR-166503] p 612 N83-31602
- RODITI, S.**  
Operational and technical evaluation of the full digital Automated Radar Terminal Systems (ARTS) Display (FDAD)  
[AD-A122269] p 324 N83-20930
- ROE, G.**  
Human engineering in aircraft and system design  
p 191 A83-16127
- ROEGER, W.**  
Gain and phase margin as a basis of longitudinal flying qualities evaluation  
p 49 N83-10059  
The influence of the ratio of control force to control path in a miniature control element  
[TUBS/FB-80-01-02] p 205 N83-13117
- ROEMER, L.**  
The simulation of temperature-stratified atmospheric boundary layers in a wind tunnel  
p 689 A83-46492
- ROEMER, R. L.**  
X-29 - Advanced technology demonstrator  
p 384 A83-31051
- ROEMERMAN, S. D.**  
Radionavigation techniques for weapon guidance  
p 20 A83-11141
- ROGERS, A.**  
Supersonic STOVL research aircraft  
[SAE PAPER 821375] p 517 A83-37965
- ROGERS, G. W.**  
Analysis of a turbine rotor containing a transverse crack at Oak Creek Unit 17  
p 186 N83-15632
- ROGERS, H. H.**  
Engineering properties of Hughes/Air Force nickel-hydrogen cells  
p 361 A83-27203
- ROGERS, L. C.**  
Finite element prediction of damping in beams with constrained viscoelastic layers  
p 66 N83-10223
- ROGERS, S. P.**  
Importance of topographic features and tactical annotations on maps used by Army aviators for nap-of-the-earth flight  
[AD-A118101] p 28 N83-11107  
Application of coding methods in development of symbology for a computer generated topographic display for Army aviators  
[AD-A118142] p 38 N83-11124
- ROGERS, W.**  
Turbine engine fuel conservation by fan and compressor profile control  
p 213 N83-17467
- ROGERS, W. A.**  
Design, analyses, and model tests of an aeroelastically tailored lifting surface  
p 204 A83-22155  
The design, testing and analysis of aeroelastically tailored transonic flutter model wings  
[AIAA 83-1027] p 330 A83-29876
- ROGERSON, D. B.**  
XB-70 technology advancements  
[AIAA PAPER 83-1048] p 437 A83-38460
- ROHLFS, M.**  
The influence of the ratio of control force to control path in a miniature control element  
[TUBS/FB-80-01-02] p 205 N83-13117
- ROHLIK, H. E.**  
Current and future technology in radial and axial gas turbines  
[NASA-TM-83414] p 684 N83-32811
- ROHN, D. A.**  
Advances in traction drive technology  
[NASA TM-83397] p 561 N83-28455
- ROHRBACH, C.**  
Small transport aircraft technology propeller study  
[NASA-CR-168045] p 506 N83-29178
- ROITMAN, A. B.**  
Preventing the strength failure of machines by vibrodiagnostic techniques I  
p 182 A83-19313  
Preventing the strength failure of machines by vibrodiagnostic methods II - The use of vibrodiagnostics for preventing the failure of certain parts and assemblies of gas-turbine engines  
p 182 A83-19314



- ROJAS, R. G.**  
Analysis of airborne antenna patterns  
[NASA-CR-169448] p 66 N83-10323
- ROLSTON, D. R.**  
Sinusoidal integration for simulation of second-order systems  
[AIAA PAPER 83-1086] p 480 A83-36210
- ROMANS, J. B.**  
The effect of additives on the aerosolization of JP-5 jet fuel  
[AD-A119324] p 178 N83-14294
- ROMBERG, G.**  
Gas turbine combustor modelling for calculating pollutant emission  
p 212 A83-23142
- RONCOLI, R. B.**  
Development of a flight test maneuver autopilot for a highly maneuverable aircraft  
[AIAA PAPER 83-0061] p 168 A83-16493  
A flight test maneuver autopilot for a highly maneuverable aircraft  
[NASA-TM-81372] p 205 N83-13115
- RONGSHI, S.**  
An adjustment method and engineering realization for control curves of the 2-variable function  
p 32 N83-11045
- RONK, L.**  
Airport community soundproofing and relocation study  
[PB82-259144] p 220 N83-16358
- RONK, L. A.**  
Aircraft flight procedure program Data base development  
[PB82 183740] p 175 N83-12040
- ROONEY, R. H.**  
The use of modal control to minimize errors in the analytical reconstruction of flight control sensor signals  
p 46 A83-11210
- ROOPCHAND, B.**  
Integrally cast low-cost compressor  
[AD-A127663] p 639 N83-31824
- ROOS, F. W.**  
An experimental study of the turbulent boundary layer on a transport wing in transonic flow  
[AIAA PAPER 83-1687] p 492 A83-37188  
An experimental study of transonic flow about a supercritical airfoil Static pressure and drag data obtained from tests of a supercritical airfoil and an NACA 0012 airfoil at transonic speeds, supplement  
[NASA-TM-81336-SUPPL] p 666 N83-33846
- ROPELEWSKI, R. R.**  
Integrated systems evaluated on F-15  
p 322 A83-28700  
Flight tests verify predictions for F-20  
p 386 A83-32475  
F 16XL shows advances in range, ride  
p 676 A83-46924
- ROSE, D. M.**  
Correction and improvement of CARE 3 Version 3  
[NASA-CR-166122] p 705 N83-34591
- ROSE, L.**  
High accuracy fuel flowmeter, phase 1  
[NASA-CR-167893] p 359 N83-21314
- ROSE, P. M.**  
Friction drag and other design parameters for acoustic face sheets  
[AIAA PAPER 83-0780] p 307 A83-25962
- ROSE, W.**  
Aircraft power management control system designed for fast response and high reliability  
p 40 A83-11151
- ROSE, W. C.**  
Computations and turbulent flow modeling in support of helicopter rotor technology  
[NASA-CR-169927] p 244 N83-18662
- ROSEN, A.**  
Prediction of the aerodynamic loads on helicopter blades in hovering and axial flight using lifting line theory  
p 189 A83-21016  
The aeroelastic behavior of curved helicopter blades in hovering and axial flight  
p 203 A83-21017  
A simplified model of the influence of elastic pitch variations on the rotor flapping dynamics  
p 204 A83-21025  
Equivalent G/E of helicopter rotor blades  
p 230 A83-22151
- ROSENBERG, P.**  
Navigation National plans, NAVSTAR-GPS, Laser gyros  
[AD-A125533] p 515 N83-29194
- ROSENBERG, R.**  
The MCA method, a flight test technique to determine the thrust of jet aircraft in flight  
p 202 A83-19661
- ROSENBUSH, F. M.**  
ECS schemes for All Electric Airliners  
[SAE PAPER 820870] p 263 A83-25769
- ROSENCRAZ, R. JR.**  
Green's function solution and applications for cracks emanating from a circular hole in an infinite sheet  
p 764 A83-49599
- ROSENFELD, M.**  
Avionics built-in-test effectiveness and life cycle cost  
[AIAA PAPER 83-2448] p 712 A83-49578
- ROSENTHAL, G.**  
NGT - The Next Generation Trainer  
p 203 A83-20599  
The application of a sub-scale flight demonstrator as a cost effective approach to aircraft development  
p 328 A83-29395  
The application of low-cost demonstrators for advanced fighter technology evaluation  
[AIAA PAPER 83-1052] p 438 A83-36462  
NGT sub-scale flight demonstrator - A cost-effective approach to aircraft development  
[SAE PAPER 821341] p 517 A83-37952
- ROSENTHAL, L.**  
Panetal jets II - A problem of hypersustentation  
p 136 A83-19412  
New aircraft I  
p 385 A83-31821  
New aircraft II  
p 519 A83-38329
- ROSFJORD, T. J.**  
Evaluation of synthetic-fuel character effects on rich-lean stationary gas-turbine combustion systems  
Volume 2 Full-scale test program  
[DE83-902337] p 694 N83-34067
- ROSKAM, J.**  
Unconventional commuter configurations A design investigation  
[SAE PAPER 830710] p 599 A83-43320  
Analysis of nonplanar wing-tip-mounted lifting surfaces on low-speed airplanes  
[NASA-CR 3684] p 424 N83-25667
- ROSS, A. J.**  
A comparison of analytical techniques for predicting stability boundaries for some types of aerodynamic or cross-coupling nonlinearities  
p 51 N83-10071  
The use of free-flight models for the prediction of departure control  
p 593 N83-30368
- ROSS, I.**  
Application of active control landing gear technology to the A-10 aircraft  
[NASA-CR 166104] p 546 N83-27998
- ROSS, J. C.**  
Low-speed aerodynamic characteristics of a generic forward-swept-wing aircraft  
[SAE PAPER 821467] p 496 A83-37998
- ROSS, J. W.**  
XB-70 technology advancements  
[AIAA PAPER 83-1048] p 437 A83-36460
- ROSS, M.**  
Airborne Flight Test System (AFTS)  
[AD-A115100] p 66 N83-10330
- ROSS, R.**  
Acoustic capabilities of the German-Dutch wind tunnel DNW  
[AIAA PAPER 83-0146] p 172 A83-16554  
Icing analysis of an unprotected aircraft radome  
p 188 A83-18413  
Acoustic wave propagation through the shear layer of the DNW large open jet wind tunnel  
[AIAA PAPER 83-0699] p 306 A83-25919
- ROSS, T. D.**  
Development and evaluation of advanced air-to-air missile fire control algorithms and displays  
p 21 A83-11191
- ROSSA, R. J.**  
Computer graphic presentation of conventional cockpit instruments  
[ARL/SYS-NOTE-82] p 197 N83-12082
- ROSSMANITH, H. P.**  
The lateral buckling-fracture stability of thin-sheet structural components with deep cracks  
p 298 A83-24648
- ROSSOW, M. P.**  
Design of helicopter rotor blades for optimum dynamic characteristics  
[NASA-CR-169940] p 266 N83-18716
- ROSLI, I.**  
Determination of the theoretical profile of the electrode tool in the electrochemical processing of parts of complex shape  
p 407 A83-32967
- ROTHROCK, M. D.**  
Time-variant aerodynamics for translational motion of large-turning airfoils  
[AD-A118884] p 203 N83-13105
- ROTHIN, V. E.**  
Aircraft design (3rd revised and enlarged edition)  
p 726 A83-48100
- ROUGEVIN-BAVILLE, M.**  
Handling combat engines The pilots viewpoint  
p 540 N83-29247
- ROULEAU, W. T.**  
Measurements of secondary flows within a cascade of curved blades and in the wake of the cascade  
[ASME PAPER 83-GT-24] p 713 A83-47889
- ROUSAR, I.**  
Calculation of three-dimensional transonic flow over thin body (wing)  
p 662 A83-48499
- ROUSSEAU, A.**  
Calculation of the average slipstream of a propeller and its effect on the performance of an aircraft  
[ONERA, TP NO 1982-120] p 244 A83-24331  
Propeller mean slipstream computation Slipstream influence on aircraft performances  
[SNIAS-822-111-104] p 389 N83-23299
- ROUSSOS, L. A.**  
Noise transmission characteristics of advanced composite structural materials  
[AIAA PAPER 83-0694] p 306 A83-25915  
Laboratory study of add-on treatments for interior noise control in light aircraft  
p 386 A83-32581
- ROWE, J.**  
Structural analysis of Shuttle orbiter penetration tiles  
[AIAA PAPER 83-0914] p 406 A83-32788
- ROWE, K. W.**  
Water survival 20 years Canadian Forces aircrew experience  
[AD-A125401] p 509 N83-27969
- ROWE, R. K.**  
Advanced technology exhaust nozzle development  
[AIAA PAPER 83-1286] p 496 A83-38080
- ROWE, W. T.**  
Technology status for an advanced supersonic transport  
[SAE PAPER 820955] p 433 A83-33627
- ROWLEY, D. J.**  
US Navy helicopters in combat search and rescue  
[AD-A122451] p 333 N83-22195
- ROY, M. L.**  
A computer program for obtaining airplane configuration plots from digital Datcom input data  
[NASA-TM-84639] p 331 N83-20933
- ROYSTER, D. M.**  
Fabrication and evaluation of brazed titanium-clad boron/aluminum skin-stringer panels  
[NASA-TP-1874] p 552 N83-28098
- ROZANOV, A. V.**  
The development of a central electrical generating system for transport vehicles  
p 300 A83-26885
- RUBBERT, P. E.**  
Flow simulations for general nacelle configurations using Euler equations  
[AIAA PAPER 83-0539] p 134 A83-16775  
Transonic flow simulation of prop-fan configurations  
[AIAA PAPER 83-0187] p 137 A83-19582  
Patched coordinate systems  
p 568 A83-38785  
Inviscid drag calculations for transonic flows  
[AIAA PAPER 83-1928] p 503 A83-39380  
The impact of computational aerodynamics on aircraft design  
[AIAA PAPER 83-2060] p 596 A83-41901
- RUBERTUS, D. P.**  
Self-repairing digital flight control system  
p 688 N83-33902
- RUBIN, J.**  
The development of JTIDS distributed TDMA /DTDMA/ advanced development model /ADM/ terminals  
p 18 A83-11094
- RUCKER, R. A.**  
Potential fuel savings of specific ATC system improvements  
[AD-A126449] p 669 N83-33861
- RUDD, J. L.**  
Evaluation of small cracks in airframe structures  
p 646 N83-31062  
Probabilistic fracture mechanics analysis methods for structural durability  
p 701 N83-34104
- RUDE, L. C.**  
Feasibility of computing residual displacements in runways and crater repairs  
[AD-A118610] p 208 N83-12105
- RUDMAN, B.**  
Government financial support for civil aircraft research, technology and development in four European countries and the United States  
[NASA-CR-169537] p 225 N83-14022
- RUDOLPH, T.**  
Interpretation methodology and analysis of in-flight lightning data  
[NASA-CR-3590] p 69 N83-11661
- RUDY, M. D.**  
Transient blade response due to surge induced structural loads  
[SAE PAPER 821438] p 533 A83-37886
- RUEGG, R. G.**  
Helicopter engine development - New standards for the '80s  
p 278 A83-24837

## RUGGIERI, N. G.

Gaseous emissions of gas turbine combustors  
[AIAA PAPER 83-0242] p 160 A83-16608

## RUHLIN, C. L.

The design, testing and analysis of aeroelastically tailored transonic flutter model wings  
[AIAA 83-1027] p 330 A83-29876

Transonic flutter model study of a supercritical wing and winglet  
p 640 A83-41048

Evaluation of four subcritical response methods for on-line prediction of flutter onset in wind tunnel tests  
p 753 A83-48212

## RUHNOV, W. B.

VOR/DME automated station selection algorithm  
p 321 A83-28597

Simulated fan-beam radar imagery  
p 559 A83-40302

## RUMIANTSEV, V. V.

Results of an experimental study of the thermal state of blades in turbines with partial root cooling  
p 614 A83-42138

## RUMMER, D. I.

Data acquisition/reduction system for flight testing general aviation aircraft  
p 37 A83-11903

A microcomputer-based system for noise characteristics analysis  
p 72 A83-11915

## RUNYAN, H. L.

Lifting surface theory for a helicopter rotor in forward flight  
[NASA-CR-169997] p 246 N83-19709

## RUO, S. Y.

The LANN program: An experimental and theoretical study of steady and unsteady transonic airloads on a supercritical wing  
[AIAA PAPER 83-1686] p 502 A83-39099

## RUSAK, Z.

Numerical calculations of nonlinear aerodynamics of wing-body configurations  
p 189 A83-21022

Numerical calculation of nonlinear aerodynamics of wing-body configurations  
p 420 A83-36076

## RUSHER, D. L.

Usage of the SYSCAP II circuit analysis program to determine semiconductor failure threshold levels caused by lightning/EMP transients  
p 647 N83-31215

## RUSSEL, P.

Evaluation of synthetic-fuel character effects on rich-lean stationary gas-turbine combustion systems. Volume 2. Full-scale test program  
[DE83-902337] p 694 N83-34067

## RUSSELL, F. W.

The design of a packet switched network for aeronautical data interchange  
p 185 A83-14862

## RUSSELL, J. G.

Modern propellers for commuter airlines  
[SAE PAPER 820719] p 391 A83-30874

## RUSSELL, R. E.

Aircraft noise reduction  
[PB82-206095] p 194 N83-12080

## RUSSELL, W. I.

Coping with impulse interference in an advanced development, low-cost Omega/VLF RNAV system  
p 672 A83-46957

## RUSSO, A.

First results for the definition of a general rotorcraft dynamic program  
p 236 N83-17483

## RUSTAN, P. L.

Electromagnetic measurements of lightning attachment to aircraft  
p 647 N83-31199

Airborne measurements of the risetimes in lightning return stroke fields  
p 649 N83-31200

Lightning field spectra obtained from airborne measurements  
p 649 N83-31201

## RUTHERFORD, J. W.

Formulation of a helicopter preliminary design course  
[AIAA PAPER 83-2521] p 728 A83-48363

## RUTKOWSKI, M. J.

Assessment of rotor-fuselage coupling on vibration predictions using a simple finite element model  
p 640 A83-41075

The vibration characteristics of a coupled helicopter rotor-fuselage by a finite element analysis  
[NASA-TP-2118] p 265 N83-18714

## RUTOVSKII, N. B.

Complex optimization of engine systems for spacecraft control  
p 755 A83-48248

## RYACK, B. L.

Desirable characteristics of underwater lights for helicopter escape hatches  
[AD-A120331] p 197 N83-16310

Desirable characteristics of underwater lights for helicopter escape hatches  
[AD-A120510] p 198 N83-16312

## RYAN, J. E.

Unaided tactical guidance flight test results  
p 20 A83-11140

## RYAN, J. J.

Installation, validation and flight evaluation of the Federal Aviation Administration's head-up display system  
[NASA TM-85255] p 610 N83-30412

## RYANSKI, E. G.

Experimental experience at Calspan  
p 688 N83-33900

## RYBAKOV, K. V.

Aviation filters for fuels, oils, hydraulic fluids, and air  
p 327 A83-28813

## RYNASKI, E. G.

Flight control system design using robust output observers  
p 343 N83-22105

## RYSEV, O. V.

The motion dynamics of parachute systems  
p 422 A83-36450

## RYZHOV, O. S.

Hypersonic flow behind a lifting body  
p 577 A83-41206

## S

## SABA, C. S.

Spectrometer sensitivity investigations on the spectrometric oil analysis program  
[AD-A127969] p 638 N83-31752

## SABA, J.

Aircraft crashworthiness in the United States - Some legal and technical parameters  
p 572 A83-39044

## SABA, J. E.

Aircraft crashworthiness and the manufacturer's tort liability in the United States  
p 707 A83-45808

## SABELNIKOV, V. A.

Characteristics of the supersonic combustion of nonmixed gases in ducts  
p 758 A83-49778

## SABLA, P. E.

NASA clean catalytic combustor program  
[ASME PAPER 82-JPGC-GT-11] p 295 A83-25269

## SACCULLO, A.

Experimental study of main rotor/tail rotor/airframe interactions in hover. Volume 1. Text and figures  
[NASA-CR-186485] p 427 N83-26820

## SACHER, P. W.

Numerical aerodynamics - Replacement of analytical solutions and/or the experiment by the supercomputer?  
p 661 A83-46485

## SACHIDANANDA, M.

Constrained optimization of monopulse circular aperture distribution in the presence of blockage  
p 259 A83-26835

## SAHA, R.

Existing time limit for overwater operations - Its validity  
p 189 A83-13170

## SAHAI, B.

Remote sensing of problem birds in aviation  
p 196 A83-21876

## SAHINKAYA, M. N.

A modified algorithm for determining structural controllability  
p 480 A83-36455

## SAHM, K. F.

Alpha jet-pylon  
p 658 N83-32710

Superplastic transformation and diffusion welding of titanium alloys  
p 692 N83-32716

## SAHM, K. F.

New metal technologies in airframe construction  
p 557 A83-37861

## SAIB, S.

A digital flight control system verification laboratory  
p 55 A83-11178

## SAIN, M.

Controller scheduling - A possible algebraic viewpoint  
p 567 A83-37093

## SAIN, M. K.

Nonlinear multivariable design by total synthesis  
p 531 A83-37092

## SAIN, M. K.

Alternatives for jet engine control  
[NASA-CR-170100] p 338 N83-20945

## SAIN, M. K.

Alternatives for jet engine control  
[NASA-CR-170233] p 393 N83-23305

## SAINT, S.

The missing element in wind shear protection  
[SAE PAPER 830715] p 627 A83-43325

## SAITO, J.

An integrated user-oriented laboratory for verification of digital flight control systems. Features and capabilities  
[NASA-TM-84276] p 47 N83-10048

## SAITO, S.

Study of rotor gust response by means of the local momentum theory  
p 169 A83-18379

## SAJBEN, M.

Response of a supersonic inlet to downstream perturbations  
[AIAA PAPER 83-2017] p 422 A83-36403

## SAKAKIBARA, S.

Flow quality of NAL two-dimensional transonic wind tunnel. Part 1. Mach number distributions, flow angularities and preliminary study of side wall boundary layer suction  
[NAL-TR-693] p 179 N83-12043

## SAKAO, F.

On the radially non-compact source model for subsonic jet noise  
p 190 A83-16929

## SAKATA, I. F.

Advanced aluminum alloy for transport aircraft - Why and what are the benefits  
[SAE PAPER 821345] p 550 A83-37954

## SAKRAN, F. C. JR.

Use of commercial Omega/VLF in naval aviation  
p 671 A83-46953

## SALESSY, M. G.

Evolution of launch vehicle avionics  
[SNIAS-831-422-121] p 682 N83-32802

## SALIENKO, P. F.

Estimation of the mutual influence of a group of radio-electronic devices  
p 259 A83-26934

## SALIKUDDIN, M.

Generation of desired signals from acoustic drivers  
p 199 A83-15068

## SOURCES OF INSTALLED TURBOPROP NOISE

[AIAA PAPER 83-0744] p 280 A83-25946

## SALKELD, R. W.

Energy efficient engine high-pressure turbine single crystal vane and blade fabrication technology report  
[NASA-CR-165400] p 616 N83-30429

## SALOMON, M.

Augmentation of fighter-aircraft performance by spanwise blowing over the wing leading edge  
[NASA-TM-84330] p 315 N83-22159

## SALVETTI, A.

The fatigue crack growth under variable amplitude loading in built-up structures  
[AD-A119764] p 187 N83-15676

## SALVINO, J. T.

Rotor fragment protection program. Statistics on aircraft gas turbine engine rotor failures that occurred in US commercial aviation during 1979  
[NASA-CR-168163] p 539 N83-29234

## SAMANICH, N. E.

QCSEE under-the-wing engine-wing-flap aerodynamic profile characteristics  
[NASA-TM-82890] p 201 N83-12092

## SAMANNI, G.

Consideration on the fatigue damage of specimens used for composite critical components qualification  
p 697 A83-46307

## SAMANT, S. S.

Transonic flow simulation of prop-fan configurations  
[AIAA PAPER 83-0187] p 137 A83-19582

Inviscid drag calculations for transonic flows  
[AIAA PAPER 83-1928] p 503 A83-39380

## SAMPATACOS, E. P.

NOTAR - The viable alternative to a tail rotor  
[AIAA PAPER 83-2527] p 728 A83-48365

## SAMUELSSON, I.

Experimental study of strength and existence of main of ground-to-air inlet vortices by ground board static pressure measurements  
[PB83-144865] p 460 N83-26843

## SANATOR, R. J.

Advanced technology for SAAB Fairchild 340 aircraft  
[SAE PAPER 820729] p 384 A83-31805

## SANBORN, J. W.

Design of a low emission combustor for an automotive gas turbine  
[AIAA PAPER 83-0338] p 179 A83-16664

## SANDELL, N. R., JR.

Multivariable stability margins for vehicle flight control systems  
p 285 A83-24815

## SANDER, G. F.

The performance of an annular vane swirler  
[AIAA PAPER 83-1326] p 455 A83-36340

## SANDERS, W. D.

Primary bonded aircraft wing construction  
p 186 A83-20493

## SANDERSON, G. W.

Reducing the cost for airborne instrumentation hardware testing  
p 398 A83-32928

## SANDFORD, M. C.

Transonic pressure distributions on a rectangular supercritical wing oscillating in pitch  
[AIAA 83-0923] p 313 A83-29849

## SANDLIN, D. R.

Flight test of the HX-I radio-controlled hybrid airship  
[AIAA PAPER 83-1992] p 522 A83-38917

Wind tunnel tests of a free wing/free-trimmer model  
[NASA-CR-170394] p 137 N83-15263

## SANDNER, N.

Software verification of a civil avionics AHR system  
p 364 A83-22138

- SANDOW, F.**  
Battle damage and repair of an advanced composite A-7 outer wing p 575 A83-42547
- SANDS, R. W.**  
Azimuth monitoring experiment [AD-A120834] p 148 N83-15278
- SANGIORGIO, G.**  
Effects of landing gear, speed brake and protuberances on the longitudinal aerodynamic characteristics of an NASA supercritical-wing research airplane model [NASA-TM-X-72684] p 13 N83-11085
- SANKAR, N. N.**  
Computational aerodynamic design methodology [AIAA PAPER 83-1865] p 501 A83-38692
- SANT, T. D.**  
The intricate patterns of stress p 180 A83-17282
- SANTANGELO, T. C.**  
Flight fidelity testing of the F/A-18 simulators [AIAA PAPER 83-1094] p 437 A83-36225
- SANZ, J. M.**  
Improved design of subcritical and supercritical cascades using complex characteristics and boundary layer correction [NASA-CR-168168] p 377 N83-24474
- SARAVANAMUTTOO, H. I. H.**  
An overview of engine dynamic response and mathematical modeling concepts p 542 N83-29262
- SARGENT, J.**  
LACV-30 supportability p 486 A83-35062
- SARIN, S. L.**  
In-flight acoustic measurements in the engine intake of a Fokker F28 aircraft [AIAA PAPER 83-0677] p 279 A83-25909
- SARKOS, C.**  
In-flight aircraft seat fire extinguishing tests (cabin hazard measurements) [FAA-CT-82-111] p 197 N83-16308
- SARKOS, C. P.**  
The development and application of a full-scale wide-body test article to study the behavior of interior materials during a post crash fuel fire p 173 A83-18373
- Effectiveness of seat cushion blocking layer materials against cabin fires [SAE PAPER 821484] p 507 A83-38003
- SARMA, G. R.**  
Nonlinear filter for pilot's remnant attenuation p 285 A83-24436
- SAROHIA, S.**  
Wind tunnel investigations of some three-dimensional separated turbulent boundary layers p 662 A83-47019
- SAROHIA, V.**  
Application of digital image analysis techniques to antimisting fuel spray characterization [ASME PAPER 82-WA/HT-23] p 295 A83-25690
- Entrainment and mixing in thrust augmenting ejectors [AIAA PAPER 83-0172] p 419 A83-36046
- Antimisting kerosene atomization and flammability [NASA-CR-169385] p 211 N83-12246
- Frictional characteristics and heat transfer of antimisting fuels in tubes [NASA-CR-169388] p 211 N83-12248
- Influence of liquid water and water vapor on antimisting kerosene (AMK) [NASA-CR-170280] p 404 A83-24711
- SAROLOUKI, M.**  
Influence of liquid water and water vapor on antimisting kerosene (AMK) [NASA-CR-170280] p 404 A83-24711
- SARPKAYA, T.**  
Evolution of aircraft trailing vortices in a stratified fluid [AIAA PAPER 83-0564] p 134 A83-16792
- SARRANTONIO, A.**  
Comparison of properties of joints prepared by ultrasonic welding and other means p 406 A83-32586
- SARV, H.**  
Pollutant formation in monodisperse fuel spray combustion p 538 N83-29213
- SASAKI, M.**  
On the propulsion system of the NAL quiet STOL research aircraft p 446 A83-35831
- SASHEVSKII, V. V.**  
The effect of products based on higher fatty acids on the performance characteristics of jet fuels p 468 A83-34500
- SASSE, G.**  
Experimental research on cavitation erosion for an oscillating wing profile p 556 A83-37497
- SASTRY, V. V. S. S.**  
The use of actuator-disc dynamic inflow for helicopter flap-lag stability p 595 A83-41081
- SATO, M.**  
Flow quality of NAL two-dimensional transonic wind tunnel Part I: Mach number distributions, flow angularities and preliminary study of side wall boundary layer suction [NAL-TR-893] p 179 N83-12043
- SATOH, K.**  
Numerical calculations of turbulent buoyant flow in aircraft cabins [FAA-CT-82-61] p 319 N83-22170
- SATOH, T.**  
Electronic control of aircraft turbine engine p 683 A83-45600
- SATOO, T.**  
Development of high loading, high efficiency axial flow turbine p 749 N83-36399
- SAULNIER, D. M.**  
A hard X-ray experiment for long-duration balloon flights p 530 A83-39822
- SAUNDERS, T. F.**  
Application of Fourier transform infrared spectroscopy for quality control analysis of epoxy resin prepreps used in helicopter rotor blades p 61 N83-11232
- SAURINA, D. J.**  
Integration and flight demonstrations of the Integrated Inertial Sensor Assembly /IISA/ p 322 A83-28785
- SAVAGE, M.**  
Reliability model for planetary gear trains [ASME PAPER 82-DET-81] p 65 A83-12777
- Life and reliability models for helicopter transmissions [NASA-TM-82976] p 67 N83-10425
- SAVAGE, R.**  
Airworthiness and flight characteristics test Part 1 YAH-64 advanced attack helicopter [AD-A118490] p 193 N83-12075
- SAVAGE, R. T.**  
AH-1 Air Ground Engagement Simulation/air defense (AGES/ADES) pod jettison evaluation [AD-A122623] p 332 N83-20939
- Climatic laboratory survey Hughes YAH-64 helicopter [AD-A124870] p 440 N83-25698
- Fuel conservation evaluation of US Army helicopters Part 5 AH-1S slight testing [AD-A128532] p 608 N83-31601
- SAVENKOV, M. V.**  
The reliability of aviation systems p 299 A83-25621
- SAVIN, S. K.**  
Estimation of the mutual influence of a group of radio-electronic devices p 259 A83-26934
- SAVISAAR, A.**  
Development of avionics installation interface standards [AD-A116852] p 38 N83-11123
- SAWADA, H.**  
A survey of the three-dimensional high Reynolds number transonic wind tunnel [NASA-TM-76931] p 400 N83-23324
- SAWTELLE, E. M.**  
Fixed wing and rotary wing flight testing of Navstar GPS as a civilian navigation system p 199 A83-19777
- SCAFETTA, D. A.**  
Simulator fidelity and flight test data - Improving the flight performance of the B-52H WST production unit flight station simulator [AIAA PAPER 83-1075] p 436 A83-36204
- SCALA, C. M.**  
NDI of fibre reinforced composite materials p 636 N83-30534
- SCHAAFF, H.**  
A life cycle model for avionic systems p 335 N83-22146
- SCHAECHTERLE, G.**  
Design and construction of 2 transonic airfoil models for tests in the NASA Langley C 3-M TCT [NASA-TM-85325] p 401 N83-23326
- SCHAEFFER, D. R.**  
Functional development of the 757/767 digital cat. IIIB Autoland System [AIAA PAPER 83-2192] p 592 A83-41762
- SCHAEZNER, G.**  
A simple propulsion system model for the simulation of nonlinear dynamic thrust response [NASA-TM-77053] p 393 N83-23310
- SCHAFFNER, S. K.**  
Greenland 1979 microwave remote sensing data catalog report, 14-15 October 1979 [NASA-TM-84571] p 362 N83-21730
- SCHAIRE, S.**  
Single chip Bus Interface Unit eases MIL-STD-1553B remote terminal/bus controller designs p 63 A83-11185
- SCHAIRER, E. T.**  
Adaptive-wall wind-tunnel research at Ames Research Center p 349 N83-20972
- Experiments in a three-dimensional adaptive-wall wind tunnel [NASA-TP-2210] p 718 N83-34906
- SCHAMELHOUT, J. G.**  
Evaluation of lubricants for air compressors [PB82-259003] p 226 N83-16538
- SCHARWAECHTER, R.**  
Protective coatings against fretting in aircraft engine construction [BLL-CE-TRANS-7736-(9022 09)] p 351 N83-21102
- SCHAWER, J.**  
Development of advanced heating facility concepts for microgravity application p 633 N83-31853
- SCHIEER, J. A.**  
Solid state, 95 GHz tracking radar system p 24 A83-11918
- SCHIEERER, J.**  
Civil component program integrated-propulsion system (IFAS) [BMFT-FB-W-82-017] p 195 N83-13094
- SCHIEDT, D. C.**  
Design and test of aircraft engine isolators for reduced interior noise [NASA-CR-166021] p 190 N83-15042
- SCHIEP, H.**  
Future of alternate fuels for turbine engines p 353 N83-22453
- SCHIEPERS, H. J.**  
Development of the flow field in streamwise corners at hypersonic speeds and effects of the corner flow on downstream fitted flaps [ESA-TT-583] p 378 N83-24480
- SCHERER, R. L.**  
The evolution of Navy Flight Line EW testers from AN/ALM-66 to AN/USM-406C p 54 A83-10739
- SCHETTINO, J.**  
Second National Conference on General Aviation Airport Noise and Land Use Planning Summary of proceedings [PB82-218520] p 69 N83-11628
- SCHETZ, J. A.**  
Transverse jet break-up and atomization with rapid vaporization along the trajectory [AIAA PAPER 83-0419] p 161 A83-16702
- Surface pressures induced on a flat plate with in-line and side-by-side dual jet configurations [AIAA PAPER 83-1849] p 500 A83-38677
- Injection, atomization, ignition and combustion of liquid fuels in high-speed air streams [AD-A125237] p 471 N83-27033
- SCHIER, J. F.**  
Design impact of composites on fighter aircraft I - They force a fresh look at the design process p 676 A83-46347
- Impact of composites on fighter aircraft. II - Composites New look to the aircraft production line p 711 A83-48889
- SCHIFF, L. B.**  
Nonlinear aerodynamic modeling of flap oscillations in transonic flow - A numerical validation [AIAA PAPER 81-0073] p 178 A83-15290
- SCHIJVE, J.**  
Fatigue crack growth of corner cracks in lug specimens [VTH-LR-375] p 700 N83-33234
- SCHIKORA, R. D.**  
An analysis of the F-16 aircraft requirements generation process and its adverse impact on contractor rate capacity [AD-A123003] p 373 N83-23272
- SCHILLING, H.**  
Supersonic maneuvers without superbooms p 189 A83-21021
- Intensity of focused sonic booms in straight flight at constant altitude p 571 A83-39424
- SCHILLING, L. J.**  
Simulations used in the development and flight test of the HiMAT vehicle [AIAA PAPER 83-2505] p 727 A83-48355
- SCHIMANSKI, D.**  
Design and manufacture of a transonic wind tunnel model and the investigation of model components under cryogenic flow conditions in the European transonic wind tunnel [BMFT-FB-W-82-015] p 181 N83-13078
- Basic investigations for the use of wind tunnel models in the ETW [BMFT-FB-W-82-023] p 402 N83-24522
- SCHIMMEL, M. L.**  
Service life evaluation of rigid explosive transfer lines [NASA-TP-2143] p 608 N83-31596
- SCHIMMING, P.**  
Comparison of a propfan/turboprop engine by thermodynamic cycle calculations [DFVLR-MITT-82-18] p 617 N83-30434

## SCHINDLER, S.

Development of high-temperature resistant, noncorrosible, nonmetallic ceramic materials, especially silicon nitride, for heat exchangers in gas turbine application  
[BMFT-FB-T-83-026] p 555 N83-29408

## SCHLIEKELMANN, R. J.

Adhesive bonding and composites p 551 A83-40131

## SCHLISSER, S. P.

Pilot-scale assessment of conventional particulate control technology for pressurized fluidized-bed combustion emissions  
[PB82-230921] p 220 N83-13673

## SCHLINKER, R. H.

Rotor-vortex interaction noise  
[AIAA PAPER 83-0720] p 367 A83-29950

## SCHMID, H.

Flutter investigations in the transonic flow regime for a fighter type aircraft p 345 N83-22217

## SCHMID, R.

The tracking of ship routes via satellites p 513 A83-38935

## SCHMIDT-EISENLOHR, U.

A new-technology gas generator for medium-power shaft-turbine engines p 737 A83-47217

## SCHMIDT, D. K.

Quadratic synthesis of integrated active controls for an aeroelastic forward-swept-wing-aircraft p 47 A83-12458

Integrated task-tailored control augmentation synthesis  
[AIAA PAPER 83-2215] p 620 A83-41697

Pilot modeling and closed-loop analysis of flexible aircraft in the pitch tracking task  
[AIAA PAPER 83-2231] p 621 A83-41709

A modal analysis of flexible aircraft dynamics with handling qualities implications  
[AIAA PAPER 83-2074] p 624 A83-41911

An optimal control approach to pilot/vehicle analysis and the Neal-Smith criteria p 687 A83-45462

The integrated manual and automatic control of complex flight systems  
[NASA-CR-170099] p 342 N83-20951

Enhanced manual controllability via active control of aeroelastic vehicles  
[NASA-CR-170118] p 342 N83-20952

## SCHMIDT, E.

Astrophysics A European research aircraft for IR and submillimetre astronomy (the DFVLR proposal) p 369 N83-22049

## SCHMIDT, G. O.

Guidelines for the planning and dimensioning of general aviation installations on traffic airports  
[ISBN-3-87977-049-2] p 690 N83-32815

## SCHMIDT, J.

The oil/air system of a modern fighter aircraft engine p 167 N83-15511

## SCHMIDT, S. F.

Guidance and flight control demonstration in a helicopter flight environment using a laser-gyro inertial navigation system p 322 A83-28779

A Kalman filter algorithm for terminal-area navigation with sensors of moderate accuracy p 670 A83-45460

Development and evaluation of a Kalman-filter algorithm for terminal area navigation using sensors of moderate accuracy  
[NASA-TP-2035] p 515 N83-29193

## SCHMIDT, W.

Finite-volume solutions to the Euler equations in transonic flow  
[AIAA PAPER 81-1265] p 136 A83-18405

Aerodynamic simulation - A key technology not only for aviation p 495 A83-37860

## SCHMITT, L. A.

Structural optimization with dynamic behavior constraints  
[AIAA 83-0936] p 355 A83-29766

## SCHMITT, D. L.

A strategy for buildup to the operational Navstar GPS constellation p 672 A83-46961

## SCHMITT, V.

Viscous effects on a swept wing in transonic flow  
[AIAA PAPER 83-1804] p 497 A83-38638

Aerodynamics on a transport aircraft type wing-body mode  
[PB82-206855] p 194 N83-12081

Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison of the wing pressure distribution and local wake survey from analytical, wind tunnel and flight results p 603 N83-30362

## SCHMITZ, F. H.

A note on the general scaling of helicopter blade-vortex interaction noise  
[ONERA, TP NO 1982-32] p 221 A83-13375

Full-scale measurements of blade-vortex interaction noise p 482 A83-33505

Full-scale measurements of blade-vortex interaction noise p 435 A83-35947

A note on the general scaling of helicopter blade-vortex interaction noise  
[AD-A118761] p 223 N83-12972

## SCHNEIDER, A.

An exploratory research and development program leading to specifications for aviation turbine fuel from whole crude shale oil Part 4 Production of samples of military fuels from raw shale oils  
[AD-A117526] p 60 N83-10211

## SCHNEIDER, A. M.

Kalman filter formulations for transfer alignment of strapdown inertial units p 569 A83-40303

## SCHNEIDER, G.

Aeroelastic considerations for automatic structural design procedures p 730 A83-49189

## SCHNEIDER, J. J.

The history of V/STOL aircraft II p 372 A83-33097

The history of V/STOL aircraft p 435 A83-36074

## SCHNEIDER, R. L.

The F-4C/D life extension program  
[AD-A127495] p 577 N83-31569

## SCHNELL, R. C.

Arctic haze and the Arctic gas and aerosol sampling program /AGASP/  
[AIAA PAPER 83-0439] p 188 A83-16714

## SCHOENMAKERS, T. J.

Development of a non-insulated cryogenic strain-gauge balance  
[M-TP-82-006-U] p 402 N83-24520

## SCHOENSTER, J. A.

Turbofan engine blade pressure and acoustic radiation at simulated forward speed p 274 A83-24026

Fluctuating pressure measurements on the fan blades of a turbofan engine during ground and flight tests  
[AIAA PAPER 83-0679] p 279 A83-25911

## SCHOFIELD, B. L.

Development of handling qualities testing in the 70's  
A new direction p 51 N83-10077

## SCHOLBERT, H. S. B.

Preliminary report on the engineering development of the Magnus Aerospace Corp LTA 20-1 heavy-lift aircraft p 327 A83-28193

Dynamic analysis of the Magnus Aerospace Corporation LTA 20-1 heavy-lift aircraft  
[AIAA PAPER 83-1977] p 522 A83-38908

Development of the Magnus Aerospace Corporation's rotating-sphere airship  
[AIAA PAPER 83-2003] p 523 A83-38922

## SCHOLL, J. W.

Application of advanced technologies to small, short-haul transport aircraft (STAT)  
[NASA-CR-152362] p 192 N83-12072

## SCHOMER, P. D.

Sampling strategies for monitoring noise in the vicinity of airports p 570 A83-37731

Operational noise data for UH-60A and CH-47C Army helicopter  
[AD-A118796] p 223 N83-12974

## SCHOOLEY, B.

Flight preparation and planning p 188 N83-17462

## SCHOWALTER, J. S.

Direct lightning strikes to aircraft  
[AD-A118075] p 16 N83-11100

## SCHRA, L.

Engineering property comparisons of 7050-T73651, 7010-T7651 and 7010-T73651 aluminum alloy plate p 403 A83-32340

The effect of sheet thickness and laminating on the fatigue resistance of the aluminum alloy AL 7010 - T 73651  
[NLR-TR-81056-U] p 403 N83-23421

## SCHRAGE, D. P.

Army aircraft requirements in the 1990's - A view forward  
[AIAA PAPER 83-2434] p 710 A83-48326

Army family of light rotorcraft (LHX) concept formulation  
[AIAA PAPER 83-2552] p 732 A83-49592

## SCHRAM, K. J.

Secondary air data measurement technology p 36 A83-11261

## SCHRANK, H. E.

Low-sidelobe radar antennas p 639 A83-40757

## SCHRAMMER, R.

Integrated avionics/weapon system for air/ground missions  
[DGLR PAPER 82-039] p 253 A83-24163

## SCHRECK, K.

Material, structural component, service life p 468 A83-33953

## SCHREIBER, T. S.

Subsonic airplane configurations for maximum range for endurance  
[AIAA PAPER 83-2536] p 729 A83-48370

## SCHROEDER, C.

Experimental research on the design of highly loaded axial fans p 493 A83-37498

## SCHROEDER, H.

Fuel savings in air transport p 138 A83-19150

## SCHROER, W.

Collision risk models p 14 A83-13012

Viewpoints on selection of collision avoidance systems p 256 A83-24874

Conflict recognition and collision probability in connection with horizontal evasion maneuvers p 248 A83-26481

Improved simulation of ground reflections p 258 A83-26486

## SCHROEDERS, L. G.

Dynamic structural aeroelastic stability testing of the XV-15 tilt rotor research aircraft  
[NASA-TM-84293] p 216 N83-16349

Dynamic structural aeroelastic stability testing of the XV-15 tilt rotor research aircraft p 628 N83-30376

## SCHUBERT, M.

Techniques for air traffic planning and handling in the terminal area  
[DFVLR-MITT-82-04] p 27 N83-10032

## SCHUCH, G.

The MCA method, a flight test technique to determine the thrust of jet aircraft in flight p 202 A83-19661

## SCHUCK, J. W.

Demonstration Advanced Avionics System (DAAS) function description  
[NASA-CR-166282] p 26 N83-10027

Demonstration Advanced Avionics System (DAAS), phase 1  
[NASA-CR-166503] p 612 N83-13602

## SCHUEHLE, A. L.

Re-engineing the 737  
[SAE PAPER 821442] p 518 A83-37990

## SCHUETZ, A. J.

Re-engineing studies on the P-3 aircraft  
[SAE PAPER 821445] p 519 A83-37993

## SCHUETZ, D.

The companion of the results of service-spectrum tests with the help of the relative Miner rule p 559 A83-40471

Review of investigations of aeronautical fatigue in the Federal Republic of Germany  
[LBF-S-166] p 703 N83-34387

## SCHUETZ, W.

Small cracks in large forgings p 701 N83-34109

## SCHULER, J. M.

New flying qualities criteria for relaxed static longitudinal stability  
[AIAA PAPER 83-2104] p 625 A83-41933

## SCHULMAN, M.

The US Navy approach to crashworthy seating systems p 249 N83-19438

## SCHULMAN, T. M.

An analysis of airline landing flare data based on flight and training simulator measurements  
[NASA-CR-166404] p 47 N83-10047

## SCHULTE, E. H.

Updating the MCAIR lightning simulation laboratory p 632 N83-31223

## SCHULTE, R. W.

Advanced flight control system study  
[NASA-CR-163117] p 205 N83-13113

## SCHULTEN, J. B. H. M.

Vane camber and angle of incidence effects in fan noise generation  
[AIAA PAPER 83-0766] p 280 A83-25956

## SCHULTZ, D. F.

A variable-geometry combustor used to study primary and secondary zone stoichiometry  
[NASA-TM-83372] p 537 N83-27995

## SCHULTZ, D. L.

Heat transfer rate to blade profiles Theory and measurement in transient facilities p 283 N83-18740

## SCHULTZ, K. J.

Acoustic capabilities of the German-Dutch wind tunnel DNW  
[AIAA PAPER 83-0146] p 172 A83-16554

## SCHULZ, R. B.

US national programs in ceramics for energy conversion p 756 A83-48308

## SCHULZE, B.

Development and trial of a rotary balance for the 3 M low speed wind tunnels of West Germany p 55 A83-11082

## SCHUM, E. F.

Progress towards a theory of jet flap thrust recovery  
[AIAA PAPER 83-0079] p 153 A83-19579

- SCHUMANN, L. F.**  
Performance of a tandem-rotor/tandem-stator conical-flow compressor designed for a pressure ratio of 3  
[NASA-TP-2034] p 10 N83-11058
- SCHUST, A. P.**  
Automatic Carrier Landing System (ACLS) category 3 certification manual  
[AD-A118181] p 57 N83-11147
- SCHUSTER, P.**  
Advanced compressor components for aero engines Phase 2 (1980-1981)  
[BMFT-FB-W-82-022] p 394 N83-23311
- SCHUTTER, K. J.**  
The optimization of aircraft seat cushion fire-blocking layers. Full Scale Test description and results  
[NASA-CR-166418] p 16 N83-11097
- SCHWAB, R. T.**  
Computer program analysis of helicopter weight estimate relationships utilizing parametric equations  
[AD-A128590] p 608 N83-31600
- SCHWABORN, D.**  
Laminar boundary layers in the vicinity of the attachment line on wings and winglike bodies at incidence  
[ESA-TT-752] p 505 N83-27966
- SCHWARMANN, L.**  
On improving the fatigue performance of a double shear lap joint  
p 473 A83-34744  
Damage tolerance evaluation of structures with small cracks  
p 701 N83-34101
- SCHWARTZ, A. C.**  
US sets own standards for airport lighting  
p 463 A83-35625
- SCHWARTZ, B.**  
Design of an aircraft ice detector using microcomputer electronics to enhance system availability  
p 34 A83-11097
- SCHWARTZ, D. S.**  
Close-range photogrammetry for aircraft quality control  
p 558 A83-38347
- SCHWARTZ, M. B.**  
Computerized engine and airplane performance monitoring programs  
p 188 N83-17465
- SCHWARZ, R. M.**  
Strapdown inertial performance needed for the 1990s  
p 19 A83-11127
- SCHWEDOCK, J. P.**  
An exploratory research and development program leading to specifications for aviation turbine fuel from whole crude shale oil. Part 4. Production of samples of military fuels from raw shale oils  
[AD-A117526] p 60 N83-10211
- SCHWEGLER, F.**  
Software development. Design and reality  
p 363 N83-22114
- SCHWEIGER, H.**  
Investigations concerning the structural design of a forward swept wing for a combat aircraft  
[DGLR PAPER 82-036] p 261 A83-24161
- SCHWEIKHARD, W. G.**  
Literature search of publications concerning the prediction of dynamic inlet flow distortion and related topics  
[NASA-CR-3673] p 282 N83-18729
- SCHWEINBERG, W.**  
Depot level reparability, maintainability, and supportability of advanced composites  
[AIAA PAPER 83-2516] p 728 A83-48360
- SCHWEITZER, J. K.**  
Maximum loading capability of axial flow compressors  
[AIAA PAPER 83-1163] p 451 A83-36254
- SCHWEITZER, K. K.**  
The interaction of high temperature corrosion and mechanical properties of alloys  
p 224 A83-21470
- SCHWEIZER, F.**  
Calibration support of the AN/AAM-60 common forward-looking infrared /FLIR/ test bench  
p 232 A83-22886
- SCHWENK, J. C.**  
General aviation activity and avionics survey  
[AD-A124595] p 416 N83-25653
- SCHWER, R. E.**  
Development of the single crystal alloys CM SX-2 and CM SX-3 for advanced technology turbine engines  
[ASME PAPER 83-GT 244] p 756 A83-48034
- SCHWESOW, R. L.**  
DFVLR-remote slant visual range (SVR) and wind vector measuring systems  
p 565 A83-38750
- SCHWIND, R. G.**  
Augmentation of fighter aircraft lift and STOL capability by blowing outboard from the wing tips  
[AIAA PAPER 83-0078] p 130 A83-16507  
Blade erosion effects on aircraft-engine compressor performance  
[DE82-021791] p 213 N83-16346
- SCHY, A. A.**  
Tradeoff studies in multiobjective insensitive design of airplane control systems  
[AIAA PAPER 83-2273] p 622 A83-41739
- SCORER, M.**  
The analysis of a flat plate twist reflector Cassegrain aenal using GTD  
p 143 A83-18646
- SCOTT-WILSON, T. H.**  
Design of a software maintenance facility for the RAF  
p 364 N83-22150
- SCOTT, B. C.**  
Installation, validation and flight evaluation of the Federal Aviation Administration's head-up display system  
[NASA-TM-85255] p 610 N83-30412
- SCOTT, E. A.**  
Infrared target array development  
p 268 A83-23527
- SCOTT, G.**  
The durability of aircraft tyres  
p 692 A83-44879
- SCOTT, H. C.**  
NAPC gyroscopic moment test facility  
p 173 A83-18407
- SCOTT, I. G.**  
NDI of fibre reinforced composite materials  
p 638 N83-30534
- SCOTT, J. N.**  
Numerical simulation of cold flow in an axisymmetric centerbody combustor  
[AIAA PAPER 83-1741] p 531 A83-37219
- SCOTT, L. E.**  
XH-59A ABC aircraft flight tests at Ft Rucker, Alabama  
p 151 A83-18148
- SCOTT, R.**  
Government financial support for civil aircraft research, technology and development in four European countries and the United States  
[NASA-CR-169537] p 225 N83-14022
- SCOTT, R. F.**  
The use of composite patches for repair of aircraft structural parts  
p 3 A83-12968
- SCOTT, W.**  
Assessment of Houston Airport WEDway Automated Transit System  
[PB83-210443] p 754 N83-36042
- SCOTT, W. B.**  
B-1B manufacturing - Rockwell management plan saving costs, time  
p 490 A83-40331
- SCOTTI, S. J.**  
An analytical comparison of two wing structures for Mach 5 cruise airplanes  
[AIAA 83-0974] p 329 A83-29806
- SCRUGGS, B. W.**  
Noise and detectability characteristics of small-scale remotely piloted vehicle propellers  
p 199 A83-13162
- SCULL, D. C.**  
Radionavigation in the year 2001  
p 589 A83-40880
- SEABRIDGE, A. G.**  
The use of multiplex data buses in a high integrity system  
p 332 N83-22102
- SEARS, J. R.**  
Design of an integrated control system for a supersonic aircraft power plant  
p 212 A83-23175
- SEARS, W. R.**  
A note on adaptive wind tunnels with imperfect control  
p 466 N83-26792
- SEASHORE, C. R.**  
mm-wave sensors for missile guidance  
p 724 A83-48773
- SEBBOWA, F. B.**  
A study of transverse turbulent jets in a cross flow  
p 42 A83-13100
- SEDDON, J.**  
The swirl in an S-duct of typical air intake proportions  
p 418 A83-35620
- SEDGWICK, H. J.**  
Launch and recovery techniques for RPVs  
p 601 A83-43715
- SEDLICK, D.**  
Subsonic diffuser development of advanced tactical aircraft  
[AIAA PAPER 83-1168] p 717 A83-49300
- SEE, M. J.**  
A common geometric data-base approach for computer-aided manufacturing of wind-tunnel models and theoretical aerodynamic analysis  
[NASA-TP-2151] p 316 N83-22166
- SEEGMILLER, H. L.**  
An experimental investigation of the subcritical and supercritical flow about a swept semispan wing  
[NASA-TM-84367] p 563 N83-29634
- SEELEY, P. E.**  
Electro-optical calibration considerations at intermediate maintenance levels  
p 232 A83-22883
- SEEMANN, G. R.**  
The SKYEYE R-4E surveillance system  
p 601 A83-43705
- SEGALL, R. N.**  
Effects of nacelle position and shape on performance of subsonic cruise aircraft  
[AIAA PAPER 83-1124] p 519 A83-38079
- SEGAWA, Y.**  
Method of calculating optimum angular blade pitches in fan with unequally pitched blades  
p 375 A83-33090
- SEGINER, A.**  
Numerical calculations of nonlinear aerodynamics of wing-body configurations  
p 189 A83-21022  
Numerical calculation of nonlinear aerodynamics of wing-body configurations  
p 420 A83-36076  
The leading-edge vortex trajectories of close-coupled wing-canard configurations and their breakdown characteristics  
[AIAA PAPER 83-1817] p 498 A83-38649  
The evaluation of the rolling moments induced by wraparound fins  
[AIAA PAPER 83-1840] p 545 A83-38669  
Augmentation of fighter-aircraft performance by spanwise blowing over the wing leading edge  
[NASA-TM-84330] p 315 N83-22159  
The evaluation of the rolling moments induced by wraparound fins  
[NASA-TM-84381] p 506 N83-29180
- SEIGNER, S. M.**  
Propagation prediction usage in automated frequency assignments based on cosine and remote system spectrum sharing  
p 645 N83-30905
- SEIDEL, B. S.**  
Inlet-fan flow field computation  
[ASME PAPER 83-GT-41] p 713 A83-47901
- SEIDEL, D. A.**  
Transonic pressure distributions on a rectangular supercritical wing oscillating in pitch  
[AIAA 83-0923] p 313 A83-29849  
Some recent applications of XTRAN3S  
[AIAA PAPER 83-1811] p 497 A83-38644  
Some recent applications of XTRAN3S  
[NASA-TM-85641] p 426 N83-26815
- SEIDEL, F.**  
AN/USD-502 (CL 289) reconnaissance drone system  
p 601 A83-43704
- SEIDEL, H.**  
Nonlinear observers for evaluating the state variables of the longitudinal motion of an aircraft  
p 169 A83-19622
- SEIDL, D.**  
Maintenance of large engines CF6s for the Airbus A310  
p 391 A83-30073
- SEINER, J. M.**  
Nearfield observations of tones generated from supersonic jet flows  
[AIAA PAPER 83-GT-0706] p 308 A83-26449  
Shock-associated noise in supersonic jets  
p 367 A83-28957
- SEITZ, R. N.**  
Flight and simulation test analysis system  
[AD-A125614] p 528 N83-27986
- SEKARAN, V. G.**  
Subsonic rolling moments for wing roll control of a cruciform missile model  
p 285 A83-24876
- SEKINE, S.**  
An engine installation for fan jet STOL aircraft using USB powered high lift system (I) engine matching test for circular confluent exhaust duct  
[NAL-TR-703] p 200 N83-12086
- SELBERG, B. P.**  
Aerodynamic investigation of closely coupled lifting surfaces with positive and negative stagger for general aviation applications  
[AIAA PAPER 83-0057] p 129 A83-16489  
Aerodynamic optimization, comparison, and trim design of canard and conventional high performance general aviation configurations  
[AIAA PAPER 83-0058] p 148 A83-16490
- SELEGAN, D. R.**  
Aerospace technology demonstrators/research and operational options  
[AIAA PAPER 83-1054] p 438 A83-36465  
STOL fighter technology program  
[ASME PAPER 83-GT-243] p 726 A83-48033
- SELESCU, R.**  
Supersonic flow around a conical fuselage of arbitrary section isolated or equipped with a delta wing with subsonic leading edges  
p 7 A83-10579
- SELF, H. C.**  
Visual judgments of optical distortions in aircraft windscreens  
[AD-A124307] p 390 N83-24503
- SELIUGIN, S. V.**  
Decomposition method for minimizing the weight of the load-carrying structure of a swept wing with allowance for the conditions of static strength and prescribed aileron efficiency  
p 556 A83-37514

- SELLERS, F. J.**  
Control means for a gas turbine engine  
[NASA-CASE-LEW-14586-1] p 617 N83-31603
- SELLERS, J. F.**  
Army/NASA small turboshaft engine digital controls research program  
[NASA-TM-82979] p 44 N83-11128
- SELLERS, W. L., III**  
Recent applications of a laser velocimeter in the Langley 4by 7-meter Wind Tunnel p 765 A83-50145
- SELLIER, B.**  
Improvement of a captive trajectory system by using optical distance sensors  
[ONERA, TP NO 1983-115] p 753 A83-49426
- SELWOOD, J.**  
Airport community soundproofing and relocation study (PB82-259144) p 220 N83-16358
- SEMENTETS, A. I.**  
The residual strength of prefabricated structures made of pressed panels of D16chT alloy and its modifications p 406 A83-32075
- SENDECKY, J. G. P.**  
Surface notches in composites p 294 A83-23931
- SENECHAL, P.**  
Fatigue and creep considerations in the design of turbine components p 230 A83-21461
- SENG, G. T.**  
Evaluation of ultraviolet spectrophotometry for simultaneous analysis of alkylbenzenes, alkylnaphthalenes, alkyanthracenes/phenanthrenes and total aromatics in mid-distillate fuels  
[NASA-TM-83032] p 179 N83-15483
- SENGUPTA, G.**  
Research on aviation fuel instability  
[NASA-TM-83420] p 553 N83-28255
- SENGUPTA, G.**  
Flight test of the 747-JT9D for airframe noise p 189 A83-13163
- SENGUPTA, G.**  
Analysis of jet-airframe interaction noise  
[AIAA PAPER 83-0783] p 264 A83-25984
- SENIK, V. I. A.**  
A model for determining the reliability of an aircraft wing structure p 557 A83-37638
- SENNOTT, J. W.**  
Fault/maneuver tolerance of aided GPS demodulation/navigation processors in the non-precision approach environment p 323 A83-28787
- SENOO, Y.**  
Three-dimensional boundary layers in turbomachines p 697 A83-47021
- SENSBURG, O.**  
Investigations concerning the structural design of a forward swept wing for a combat aircraft  
[DGLR PAPER 82-036] p 261 A83-24161
- SENSBURG, O.**  
Active gust load alleviation and ride comfort improvement p 751 A83-49193
- SENSBURG, O.**  
Ground and flight test techniques used for proof of structural integrity of the Tornado combat aircraft p 605 N83-30377
- SENTY, P.**  
Propeller performance and weight predictions appended to the Navy/NASA engine program  
[NASA-TM-83458] p 684 N83-32810
- SERAFINI, J. S.**  
An analytical and experimental comparison of the flow field of an advanced swept turboprop  
[AIAA PAPER 83-0189] p 189 A83-21080
- SERAFINI, J. S.**  
An analytical and experimental comparison of the flow field of an advanced swept turboprop  
[NASA-TM-83037] p 128 N83-14061
- SERAFINI, T. T.**  
Polymer matrix composites research at NASA Lewis Research Center p 210 N83-12151
- SERAFINI, T. T.**  
PMR polyimide composites for aerospace applications  
[NASA-TM-83047] p 178 N83-15364
- SEROKA, J.**  
Accelerated life tests of aircraft thermocouples p 34 A83-10442
- SETO, E.**  
The Integrated Technology and Flight Research Rotor Technology demonstrators for the 1985-1995 timeframe p 677 A83-46928
- SETTLES, G. S.**  
Conical similarity of shock/boundary layer interactions generated by swept fins  
[AIAA PAPER 83-1756] p 492 A83-37229
- SEWALL, T. R.**  
The impact of engine usage on life cycle cost  
[AIAA PAPER 83-1406] p 456 A83-36395
- SEWALL, T. R.**  
Aircraft usage and effects on engine life  
[ASME PAPER 83-GT-143] p 741 A83-47967
- SEWALL, W. G.**  
Support-sting interference on boattail pressure drag for Reynolds numbers up to 70 x 10 to the 6th  
[AIAA PAPER 83-0387] p 172 A83-16687
- SEWALL, W. G.**  
Similarity rules for effects of sidewall boundary layer in two-dimensional wind tunnels p 347 N83-20960

- SEYB, N. J.**  
A study of the response of a turbojet engine to the inlet temperature transients p 448 A83-35849
- SEYMOUR, T. J.**  
Powder pack protection for aircraft dry bays p 585 A83-42558
- SGILEVSKII, V. A.**  
A system of criteria for evaluating the energy efficiency of an engine at the state of technical proposals p 273 A83-23437
- SHAFI, L.**  
Radiation characteristics of radial waveguide fed slot arrays of various shapes p 181 A83-18692
- SHAFER, M. F.**  
Flight test experience with pilot-induced-oscillation suppressor filters  
[AIAA PAPER 83-2107] p 625 A83-41936
- SHAFROTH, M. W.**  
A comparative evaluation of some maneuvering target tracking algorithms  
[AIAA PAPER 83-2168] p 650 A83-41664
- SHAH, S. C.**  
Robust fault detection, isolation, and accommodation to support integrated aircraft control  
[AIAA PAPER 83-2161] p 619 A83-41661
- SHAHIN, M. Y.**  
Airport pavement management - A total system  
[AIAA PAPER 83-1600] p 399 A83-33363
- SHAKARIAN, A.**  
Application of Monte-Carlo techniques to the 757/767 autoland and dispersion analysis by simulation  
[AIAA PAPER 83-2193] p 619 A83-41678
- SHAKIRZIANOV, P. A.**  
On an algorithm for solving the incomplete eigenvalue problem in the vibration analysis of complex structures of fuselage type p 354 A83-29278
- SHAKOTKO, O. V.**  
The measurement of pressure pulsations by means of piezoelectric transducers p 640 A83-41891
- SHAMRIKOV, B. M.**  
Development of adaptation and identification algorithms in adaptive digital aircraft control systems p 287 A83-26600
- SHAMROTH, S. J.**  
A turbulent flow Navier-Stokes analysis for an airfoil oscillating in pitch p 660 A83-46437
- SHANEVELT, E. L.**  
ATE support of RF line replaceable units p 53 A83-10732
- SHANG, J. S.**  
Numerical simulation of wing-fuselage interference p 177 A83-13129
- SHANG, J. S.**  
Numerical simulation of wing-fuselage aerodynamic interaction  
[AIAA PAPER 83-0225] p 132 A83-16595
- SHANG, J. S.**  
Flow over a biconic configuration with an afterbody compression flap - A comparative numerical study  
[AIAA PAPER 83-1668] p 491 A83-37179
- SHANKAR, V.**  
A numerical transformation solution procedure for closely coupled canard-wing transonic flows  
[AIAA PAPER 83-0502] p 137 A83-19591
- SHANKAR, V.**  
Computational treatment of three-dimensional transonic canard-wing interactions p 312 A83-29021
- SHANKAR, V.**  
A conservative type-dependent full potential method for the treatment of supersonic flows with embedded subsonic regions  
[AIAA PAPER 83-1887] p 502 A83-39356
- SHANKAR, V.**  
Computational treatment of transonic canard-wing interactions  
[AD-A121662] p 246 A83-19718
- SHANNON, J.**  
Feasibility of establishing a correlation between boundary layer growth and upstream shock conditions  
[AD-A126909] p 646 A83-30968
- SHANNON, J. A.**  
Direct aircraft velocity determination by L-band moving target detector radar  
[AD-A117512] p 27 A83-10031
- SHANNON, J. A.**  
Use of radar position reports for estimating aircraft acceleration  
[FAA-RD-82-81] p 156 A83-15281
- SHANTAKUMARAN, P.**  
Aeroelastic tailoring of rotor blades for vibration reduction in forward flight  
[AIAA 83-0916] p 329 A83-29844
- SHAPIRO, A. J.**  
The integration of multiple avionic sensors and technologies for future military helicopters p 514 A83-40301
- SHAPIRO, E. Y.**  
Application of model reference adaptive control to a relaxed static stability transport aircraft p 46 A83-11209

- The use of modal control to minimize errors in the analytical reconstruction of flight control sensor signals p 46 A83-11210
- Constrained eigenvalue/eigenvector assignment - Application to flight control systems p 215 A83-21006
- Application of maximum likelihood estimation to the identification of the stability derivatives of a wide body transport aircraft p 460 A83-35121
- A comparison of minimizing strategies for maximum likelihood identification p 567 A83-37085
- SHARMA, D. K.**  
Nomogram for take-off performance of the V/STOL airplane p 30 A83-12665
- SHARP, M. E.**  
A survey of avionics software support environments p 70 A83-11163
- SHARPE, T. G.**  
Multifunction display simulation facility p 159 A83-17302
- SHARPES, D. G.**  
Qualification of the Datcom for sweptforward wing planforms A summary of work to date  
[AIAA PAPER 83-1836] p 499 A83-38665
- SHARPLES, T.**  
Reproducible processing and reliable repeatability in carbon fibre composites p 350 A83-29715
- SHARPSTEEN, J. T.**  
Analysis of target coverage for an unstabilized 35 mm panoramic strike camera p 231 A83-22596
- SHASHKINA, G. N.**  
Calculation of subsonic flow past rectangular wings and their combinations on the basis of a discrete vortex scheme p 418 A83-35541
- SHASTRI, R.**  
Analysis of a real-time application  
[AIAA PAPER 83-1088] p 480 A83-36212
- SHAYER, B. E.**  
Canadian forces tracker aircraft full-scale fatigue test at the National Aeronautical Establishment p 433 A83-33548
- SHAW, L.**  
Acoustic environment in large enclosures with a small opening exposed to flow p 237 A83-22161
- SHAW, L. L.**  
Acoustic environment on the surface of a large-scale powered model of a vectored-engine-over-the-wing STOL configuration p 73 N83-10272
- SHAW, L. M.**  
Rotor wake characteristics relevant to rotor-stator interaction noise generation p 39 A83-10184
- SHAW, L. M.**  
Experimental evaluation of shockless supercritical airfoils in cascade  
[AIAA PAPER 83-0003] p 129 A83-16455
- SHAW, R. J.**  
Influence of multidroplet size distribution on icing collection efficiency  
[AIAA PAPER 83-0110] p 188 A83-16526
- SHAW, R. J.**  
NASA Lewis Research Center's program on icing research  
[AIAA PAPER 83-0204] p 127 A83-16582
- SHAW, R. J.**  
NASA Lewis Research Center's Program on Icing Research  
[NASA-TM-83031] p 139 N83-14078
- SHAW, R. J.**  
Turbobfan blade stresses induced by the flow distortion of a VTOL inlet at high angles of attack  
[NASA-TM-82963] p 194 N83-17509
- SHAW, R. L.**  
Operational sensitivity of EW receivers p 22 A83-11234
- SHAW, R. M.**  
Advanced castings in the design of military aircraft p 178 N83-15429
- SHCHADILOV, A. E.**  
Optimal processing of the correction data of an aircraft fuel-measurement system p 159 A83-19177
- SHEA, J. F.**  
Concepts for a future joint airlift development program  
[AIAA PAPER 83-1591] p 429 A83-36951
- SHEARIN, J. G.**  
Investigation of jet-installation noise sources under static conditions  
[NASA-TP-2181] p 706 N83-33684
- SHEATH, P. H.**  
Advanced Ultra-Violet (UV) aircraft fire detection system Volume 1 System description and flight test  
[AD-A121253] p 198 N83-17526
- SHEEHY, T. W.**  
Experimental study of main rotor/tail rotor/airframe interactions in hover Volume 1 Text and figures  
[NASA-CR-166485] p 427 N83-26820
- SHEENA, Z.**  
Theoretical stiffness matrix correction by using static test results p 229 A83-21007
- SHEFFLER, K. D.**  
JT90 thermal barrier coated vanes  
[NASA-CR-167964] p 536 N83-27993



- SHELDON, R**  
Design of an aircraft ice detector using microcomputer electronics to enhance system availability p 34 A83-11097
- SHELLARD, I J**  
Use of composites in aero-engines [PNR-90149] p 554 N83-29322
- SHELUUTT, J B**  
Evaluating the use of electronic flight instrument systems in general aviation aircraft [AD-A118604] p 198 N83-12083
- SHELTON, E. M**  
Aviation turbine fuels, 1981 [DE82-015870] p 404 N83-23478
- SHELTON, F. M.**  
Aviation turbine fuels, 1982 [DE83-010848] p 758 N83-35165
- SHELTON, W. L. JR.**  
Flutter prediction in forward-swept wings by assumed modes and strip theory [AD-A124715] p 461 N83-25719
- SHEM, C. N**  
Integration and flight demonstrations of the Integrated Inertial Sensor Assembly /IISA/ p 322 A83-28785
- SHEM, H**  
The prediction of performance of turbojet engine with distorted inlet flow and its experimental studies p 446 A83-35832
- SHEN, J. Y**  
Experimental and analytical studies of a true airspeed sensor [NASA-CR-165704] p 530 N83-27989
- SHEN, M. H**  
Large-amplitude multimode response of clamped rectangular panels to acoustic excitation [AIAA 83-1033] p 358 A83-29879
- SHEN, P**  
Application of laser holographic interferometry to vibration analysis of aircraft beam structure model p 300 A83-26765
- SHEN, Y**  
Shock wave boundary layer interaction in compressor cascades p 43 N83-11041
- SHENG, Z.**  
An experiment to improve the surge margin by use of cascade with splitter blades p 283 N83-18956
- SHEPARD, R**  
Maximizing survivability and effectiveness of air-to-ground gunnery using a moveable gun p 21 A83-11192
- SHEPARD, W. B**  
Pressure loss and heat transfer through multiple rows of short pin fins p 642 A83-42709
- SHEPEL, V. T**  
Evaluation of the technical state of aircraft gas-turbine engines from thermogasdynamic parameters with allowance for the natural scatter of state parameters p 272 A83-23430
- SHEN, Y**  
Diagnostics of the conditions of gas-turbine engines using models reflecting the dynamics of changes in the controlled parameters p 614 A83-42133
- SHEPHERD, K. P**  
Residents' annoyance responses to aircraft noise events [NASA-TP-2121] p 707 N83-34713
- SHEPHERD, N. G**  
CO<sub>2</sub> laser rangefinders p 670 A83-44812
- SHEPPARD, C. G. W**  
The influence of equivalence ratio variation on pollutant formation in a gas turbine type combustor p 42 A83-13095
- SHEN, Y**  
A study of transverse turbulent jets in a cross flow p 42 A83-13100
- SHEPPARD, W**  
Multisegment eddy current probe p 214 A83-15191
- SHERIDAN, R. E.**  
The utility of small aerostats for surveillance missions [AIAA PAPER 83-1973] p 508 A83-38904
- SHEVELL, R. S.**  
Fundamentals of flight p 371 A83-30152
- SHICK, R. L. JR**  
Fire resistant aircraft hydraulic system [AD-A118169] p 33 N83-11118
- SHIEMBOB, L. T**  
JT90 ceramic outer air seal system refinement program, phase 2 [NASA-CR-167962] p 165 N83-15305
- SHIH, T. I. P**  
Vortex motion in axisymmetric piston-cylinder configurations [NASA-TM-85404] p 765 N83-35318
- SHIKHMAN, I. U. M**  
Errors in the experimental determination of the parameters of supersonic combustion ramjet engines p 211 A83-22653
- SHIN, J. B**  
A powder-injection shock-tube facility p 290 A83-26132
- SHINAR, J.**  
Cross-coupling between longitudinal and lateral aircraft dynamics in a spiral dive p 203 A83-15312
- SHINAR, J.**  
The effects of non-linear kinematics in optimal evasion p 650 A83-40674
- SHINAR, J.**  
An eccentric two-target differential game model for qualitative air-to-air combat analysis [AIAA PAPER 83-2122] p 575 A83-41947
- SHINAR, J.**  
Improved dynamic models for air combat analysis [AD-A121379] p 305 N83-19562
- SHINER, R. J**  
The man-vehicle systems research facility - A new NASA aeronautical R & D facility [AIAA PAPER 83-1098] p 463 A83-36218
- SHIOHATA, K**  
Method of calculating optimum angular blade pitches in fan with unequally pitched blades p 375 A83-33090
- SHIPLEY, J. L.**  
Evolution of the application of composite materials to helicopters p 151 A83-18376
- SHIRK, M. H**  
Design, analyses, and model tests of an aeroelastically tailored lifting surface p 204 A83-22155
- SHIRK, M. H**  
The design, testing and analysis of aeroelastically tailored transonic flutter model wings [AIAA 83-1027] p 330 A83-29876
- SHISHOV, S. G**  
Investigation of flow past an aircraft wing section in flight and in a wind tunnel p 493 A83-37506
- SHIVAKUMAR, V**  
Green's function solution and applications for cracks emanating from a circular hole in an infinite sheet p 764 A83-49599
- SHIVASHANKARA, B. N**  
High bypass ratio engine noise component separation by coherence technique p 211 A83-22159
- SHIVELY, C. A**  
Reliability of NAVSTAR GPS for civil aviation p 323 A83-28791
- SHLAUSTAS, R. I. U**  
Second approximation of quadrupole wing theory in lifting surface theory p 375 A83-33004
- SHOHET, H. N**  
Propulsion systems for rotary wing aircraft with auxiliary propulsors p 276 A83-24827
- SHOOK, W. H**  
Improved interior emergency lighting study [DOT/FAA/CT-83/31] p 721 N83-36010
- SHORE, C. P**  
Flightweight radiantly and actively cooled panel Thermal and structural performance [NASA-TP-2074] p 68 N83-11513
- SHORT, D. P**  
A range of lightweight engines for RPV's p 616 A83-43719
- SHOALTER, J**  
Electromagnetic measurements of lightning attachment to aircraft p 647 N83-31199
- SHOVLIN, M. D**  
Selected results from the quiet short-haul research aircraft flight research program p 189 A83-13165
- SHPILEVSKI, E. K**  
Diagnostics of the conditions of gas-turbine engines using models reflecting the dynamics of changes in the controlled parameters p 614 A83-42133
- SHUART, M. J**  
Failure Analysis and Mechanisms of Failure of Fibrous Composite Structures [NASA-CP-2278] p 693 N83-33957
- SHUEN, J. S**  
Structure of evaporating and combusting sprays Measurements and predictions p 538 N83-29211
- SHUFORD, R. J**  
Evaluation of the effect of voids in composite main rotor blades p 472 A83-33507
- SHUFORD, R. J**  
Evaluation of the effect of voids in composite main rotor blades p 435 A83-35950
- SHURNEY, R. E**  
Optical observations of unidirectional solidification in microgravity [NASA-TP-2110] p 225 N83-16492
- SHUSTOV, A. V**  
Determination of the equivalent noise level contour for a passenger jet aircraft over a place in the case of quasi-steady flight regimes p 570 A83-37535
- SHUTT, D. J**  
The impact of reliability improvement warranties on naval aviation maintenance at the fleet level [AD-A126810] p 658 N83-33841
- SHVETS, A. I**  
Separated flows on a concave conical wing p 418 A83-35707
- SHVIDKO, I. A. I**  
Airfield coatings incorporating polymer materials - Repair and maintenance p 689 A83-45029
- SHYPRYKEVICH, P**  
Effects of extreme aircraft storage and flight environments on graphite/epoxy p 403 A83-33122
- SHYPRYKEVICH, P**  
Design and fabrication of realistic adhesively bonded joints [NASA-CR-166099] p 408 N83-24876
- SICKINGER, A.**  
Protective coatings against fretting in aircraft engine construction [BLL-CE-TRANS-7736-(9022 09)] p 351 N83-21102
- SICLARI, M. J**  
A supersonic maneuver wing designed for nonlinear attached flow [AIAA PAPER 83-0425] p 134 A83-16707
- SIDANA, M. L.**  
Component life reduction due to use of AVGAS in gas turbine engines p 449 A83-35869
- SIDDIQUI, E. U. A**  
On the design and test of an advanced containment structure for PM machines p 40 A83-18627
- SIDDONS, W. D. JR**  
PANAIR Pilot Code application to subsonic nacelle type interior flows [AIAA PAPER 83-1369] p 421 A83-36365
- SIDFORD, M. J**  
Airframe multipath effects in airborne adaptive antenna arrays p 143 A83-18627
- SIDORIN, V. M**  
Lasers in aviation p 229 A83-20384
- SIDOROV, O. T**  
Determination of zones of crack distribution in flexible specimens p 551 A83-39509
- SIEBECK, J. E**  
The flow of air passenger traffic in the Federal Republic of Germany with emphasis on airports and their hinterland [GEOGRAPHISCHE-SCHRIFTEN-18] p 380 N83-23283
- SIEBELS, J**  
Development of ceramic automobile turbine engine components [BMFT-FB-T-83-025] p 554 N83-29407
- SIEBELS, J. E**  
Brazing of silicon nitride p 756 A83-48286
- SIEDEL, H**  
Nonlinear observers for estimation of the state variables of an aircraft lateral motion [TUBS/FB 81-11-01] p 206 N83-13120
- SIEGELMAN, D**  
Single- and multiple-crater induced nosetip transition p 420 A83-36078
- SIEGL, G**  
Bending vibrational behavior of laminated rotors p 182 A83-19620
- SIERAK, P**  
USAF ground fiber optic development program p 228 A83-19711
- SIEVERDING, C. H**  
The use of coloured smoke to visualize secondary flows in a turbine-blade cascade p 717 A83-49466
- SIEVERS, H**  
Flight test experience on military aircraft engine handling p 541 N83-29248
- SIGALLA, A**  
Impact of new technology on future short-haul transports [AIAA PAPER 83-1604] p 388 A83-33367
- SIGNER, H. R.**  
Bearing fatigue investigation 3 [NASA-CR-168029] p 233 N83-17880
- SIGNORELLI, R. A**  
High-temperature composites - Status and future directions p 551 A83-40129
- SIGNORELLI, R. A**  
Evaluation of low-cost aluminum composites for aircraft engine structural applications [NASA-TM-83357] p 470 N83-25790
- SIKAVI, D. A**  
Flight test evaluation of drag effects on surface coatings on the NASA Boeing 737 TCV airplane [NASA-CR-165767] p 666 N83-33852
- SILANTEV, S. A**  
On the determination of the load-carrying capacity of the glass-plastic propeller blade of an aircraft p 338 A83-29294
- SILCOX, R. J**  
An experimental investigation of sound radiation from a duct with a circumferentially varying liner [AIAA PAPER 83-0712] p 307 A83-25928
- SILVA, J. M. M**  
Vibration analysis of a helicopter plus an externally-attached structure p 607 N83-30769

# SILVERMAN, B.

- SILVERMAN, B**  
Sealants - Uses in composite structures p 293 A83-23615
- SILVERMAN, B B**  
Multifunction CO2 NOE sensor - A status report p 35 A83-11147
- SILVERMAN, G**  
Selecting shock and vibration isolators p 697 A83-46346
- SILVERSTOV, V M**  
Longitudinal modes of gas oscillations in the main combustion chamber of gas-turbine engines p 535 A83-39169
- SIM, A G**  
Unique flight characteristics of the AD-1 oblique-wing research airplane p 386 A83-32588
- SIMMONS, J R**  
Preliminary design engine thermodynamic cycle selection for advanced fighters [AIAA PAPER 83-2480] p 745 A83-48343
- SIMMONS, R J**  
F/R4 transparency baseline bird impact test program p 598 A83-42533
- SIMMONS, T E**  
Multi point excitation ground resonance test facility at British Aerospace Warton [BAE-TN-5411] p 209 N83-13128
- SIMON, A. L.**  
NASA LeRC/Akron University Graduate Cooperative Fellowship Program and Graduate Student Researchers Program [NASA-CR-167943] p 74 N83-10970
- SIMON, B.**  
Development of new combustion chamber technologies for future alternative combustion fuels p 736 A83-47183
- SIMON, D**  
XH-59A ABC aircraft flight tests at Ft Rucker, Alabama p 151 A83-18148
- SIMONS, J C**  
Sensor snap and narrow field-of-view inset for terrain avoidance flight p 36 A83-11188
- SIMPSON, C H**  
Advanced navigation systems and fuel conservation p 428 A83-33545
- SIMPSON, D L**  
Canadian forces tracker aircraft full-scale fatigue test at the National Aeronautical Establishment p 433 A83-33548
- SIMPSON, L T**  
Treatment of late time instabilities in finite-difference EMP scattering codes p 180 A83-17532
- SIMPSON, M**  
Noise in America Extent of the noise problem [PB82-219189] p 69 N83-11629
- SIMPSON, W E**  
Research and technology program perspectives for general aviation and commuter aircraft [NASA-CR-169875] p 187 N83-17454
- SIMPSON, W R**  
Automatic Camer Landing System (ACLS) category 3 certification manual [AD-A118181] p 57 N83-11147
- SIMS, G R**  
A portable physiological data recorder using magnetic bubble memory [AD-A127304] p 646 N83-30997
- SIMS, K L**  
Integrated flight and fire control development and flight test on an F-15B aircraft p 20 A83-11160
- SIMS, R E**  
Fighter engine cycle selection [AIAA PAPER 83-1300] p 457 A83-36412
- SINACORI, J B**  
Research and analysis of head-directed area-of-interest visual system concepts [NASA-CR-166480] p 467 N83-26849
- SINCLAIR, M.**  
Flight experiments with integrated isometric side-arm controllers in a variable stability helicopter p 50 N83-10068
- SINDEEV, I M**  
Electric power supply of aircraft p 199 A83-14115
- SINDT, C F**  
The theoretical advantages and practical considerations of gas replenishment techniques in long-duration scientific ballooning [AD-A129841] p 524 A83-39802
- SINGH, G**  
Thermal cycling in compact plate-fin heat exchangers p 445 A83-34253
- SINGH, H B**  
Bird strikes to aircraft and associated hazards and problems regarding the safety of aircraft operations p 196 A83-21878

- SINGH, N**  
Calculation of potential flow about arbitrary three dimensional wings using internal singularity distributions p 715 A83-48143
- SINGLETON, J**  
Applications of simulator freeze to camber glideslope tracking instruction [AD-A118862] p 220 N83-16358
- SINGLEY, G T., III**  
Army family of light rotorcraft (LHX) concept formulation [AIAA PAPER 83-2552] p 732 A83-49592  
Impact behavior of fibrous composition and metal substructures [AD-A121618] p 296 N83-18858
- SINHA, A.**  
Friction damping of flutter in gas turbine engine airfoils p 274 A83-24038
- SINHA, A. K**  
STOL attack aircraft design based on an upper surface blowing concept [AIAA PAPER 83-0848] p 392 A83-32791  
Effects of static friction on the forced response of frictionally damped turbine blades [ASME PAPER 83-GT-155] p 741 A83-47981
- SINKO, G C**  
J790 thermal barrier coated vanes [NASA-CR-167964] p 536 N83-27993
- SINSKY, A. I**  
Comparative analysis of a phase and an amplitude processor for amplitude monopulse systems p 431 A83-35192
- SIPCIC, S R**  
Free wake aerodynamic analysis of helicopter rotors [AD-A129710] p 718 N83-36007
- SIRAZETDINOV, R T**  
Solution of the fundamental control problem /FCP/ p 341 A83-29291
- SIRBAUGH, J R**  
An assessment of PANDORA using a Canard/Wing/Body configuration [AIAA PAPER 83-1850] p 500 A83-38678
- SITARAM, N**  
End wall flow characteristics and overall performance of an axial flow compressor stage [NASA-CR-3671] p 427 N83-26819
- SITBON, P**  
JANUS - An aircraft prototype of a low earth orbit split beam stereoscopic observing system p 355 A83-29696
- SIVAN, R**  
An optimal control approach to the design of moving flight simulators p 218 A83-19949
- SKALSKI, S C**  
Force method optimization II Volume 2 User's manual [AD-A128235] p 652 N83-32387
- SKARMAN, E**  
Report from the International Congress of Navigation [FOA-C-20489-E3] p 593 N83-30400
- SKINGLE, C W**  
Practical applications of system identification in flutter testing p 753 A83-49182
- SKIPENKO, V V**  
Optimal mass distribution between the stages of a two-stage aircraft for maximization of the flight cruise range p 516 A83-37267
- SKLIANSKII, F I**  
Aircraft design (3rd revised and enlarged edition) p 726 A83-48100
- SKODA, Z.**  
Calculation of fundamental aerodynamic derivatives of aircraft p 135 A83-16882  
Calculation of fundamental aerodynamic derivatives of aircraft II p 373 A83-30516
- SKOKANEK, V**  
Measuring and processing of undercarriage loading spectra of the L-39 aircraft p 383 A83-30513
- SKOMOROKHOV, S. I**  
Use of the panel method to calculate the distributed aerodynamic characteristics of a wing with pylon and nacelle at low speeds p 493 A83-37520
- SKONING, G D**  
Airline safety and labor relations law - Balancing rights and responsibility p 484 A83-34475
- SKOUMAL, D E.**  
Design, fabrication and test of graphite/polyimide composite joints and attachments [AIAA 83-0907] p 355 A83-29763

# PERSONAL AUTHOR INDEX

- SKOW, A. M**  
Modern fighter aircraft design for high-angle-of-attack maneuvering p 245 N83-18687
- SKRIPNICHENKO, S**  
Conserving aviation fuel by shifting center-of-gravity position p 194 N83-13063
- SKUJINS, M B**  
Flight test and predicted pressure data comparison on aircraft modifications p 387 A83-32932
- SKVORTSOV, I U A**  
Finite-element mathematical model of a gas turbine engine in unsteady flow p 531 A83-37252
- SLATER, G L**  
Optimal short range trajectories for helicopters [AIAA PAPER 83-2140] p 598 A83-41962  
Optimal short-range trajectories for helicopters [NASA-TM-84303] p 187 N83-17451
- SLAZAK, M**  
Laboratory study of add-on treatments for interior noise control in light aircraft p 386 A83-32581
- SLEEMAN, J R**  
A study of the flow around a slotted flap end [BU-279] p 192 N83-16306
- SLEEMAN, W C, JR**  
Low-speed aerodynamic characteristics of a model having a 42 deg swept low wing with a supercritical airfoil, double-slotted flaps, and a T-tail [NASA-TM-X-2582] p 5 N83-11030  
Effects of wing height on low-speed aerodynamic characteristics of a model having a 42 deg swept wing, a supercritical airfoil, double slotted flaps, and a low tail [NASA-TM-X-2794] p 6 N83-11033  
Low-speed aerodynamic characteristics of a transport configuration having a 42 deg swept supercritical airfoil wing and three tail height positions [NASA-TM-X-3149] p 32 N83-11115
- SLIUSARENKO, V I**  
Investigation of the possibility of reducing aerodynamic drag by a mechanism of initial vortex formations p 374 A83-30723
- SLIWA, S M**  
Parametric study of critical constraints for a canard configured medium range transport using conceptual design optimization [AIAA PAPER 83-2141] p 598 A83-41963  
OPDOT A computer program for the optimum preliminary design of a transport airplane [NASA-TM-81857] p 32 N83-11114  
A computer program for obtaining airplane configuration plots from digital DATCOM input data [NASA-TM-84639] p 331 N83-20933
- SLOBODIANIUK, L. I**  
On the question of calculating the pressurization start-up regimes of a gas-turbine plant p 406 A83-32651
- SMALL, D M**  
Airborne electronic terrain map display - An update p 35 A83-11135
- SMALL, V J**  
Analysis of systems containing multiple, irregular sampling p 70 A83-11131
- SMALLING, R**  
Simulate airborne radar environments p 512 A83-37821
- SMEAD, F W**  
Voice-actuated avionics p 724 A83-48891
- SMELTZER, D B**  
Airframe effects on a top-mounted fighter inlet system p 177 A83-13166  
Experimental wing and canard jet-flap aerodynamics [AIAA PAPER 83-0081] p 715 A83-48211
- SMETANA, D**  
Investigation methods on residual stresses in aero engines components p 449 A83-35879
- SMETANA, F O**  
A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 1 [NASA-CR-159379] p 191 N83-16288  
A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 2 [NASA-CR 159380] p 191 N83-16289
- SMIGIELSKI, P**  
Pulsed holographic nondestructive testing on aircraft p 695 A83-44828
- SMILLIE, D G**  
The impact of composite technology on commercial transport aircraft p 30 A83-12969
- SMIRNOVA, R S**  
Use of geochemical investigative methods for preliminary hygienic assessment of effect of airports on environment p 349 N83-22972
- SMITH, A B**  
Rethinking automation in NDT applications p 298 A83-23920

- SMITH, A. J.**  
Development of the precision approach path indicator light unit  
[RAE-TM-FS(B)-483] p 202 N83-17527
- SMITH, A. P., III**  
Conflict monitoring analysis of parallel opposite direction routes, volume 1  
[AD-A120080] p 148 N83-15279  
Conflict monitoring analysis of parallel opposite direction routes, volume 2  
[AD-A120187] p 202 N83-16323
- SMITH, C.**  
Developments in performance monitoring and diagnostics in aircraft turbine engines  
[SAE PAPER 821400] p 533 A83-37973  
Turbine Engine Fault Detection and Isolation Program Volume 1 Turbine engine performance estimation methods  
[AD-A119998] p 167 N83-15311
- SMITH, C. E.**  
Rotorcraft convertible engine study  
[NASA-CR 168241] p 747 N83-34944
- SMITH, D. J. V.**  
Advanced Ultra-Violet (UV) aircraft fire detection system Volume 1 System description and flight test  
[AD-A121253] p 198 N83-17526
- SMITH, G. C. C.**  
Flutter analysis of advanced turbopropellers  
[AIAA 83-0846] p 357 A83-29824
- SMITH, G. E.**  
Vortex motion in axisymmetric piston-cylinder configurations  
[NASA-TM-85404] p 765 N83-35318
- SMITH, H.**  
Performance flight testing p 433 A83-33621
- SMITH, H. W.**  
Design for prevention of acoustic fatigue  
[AIAA 83-0973] p 329 A83-29782
- SMITH, J.**  
Measured boundary conditions methods for 2D flow p 348 N83-20966
- SMITH, J. D.**  
Avoidance maneuvers selected while viewing cockpit traffic displays  
[NASA-TM-84269] p 16 N83-11098
- SMITH, J. M.**  
Preliminary tests of an advanced high-temperature combustion system  
[NASA-TP-2203] p 686 N83-33893
- SMITH, J. P.**  
Evaluating the use of electronic flight instrument systems in general aviation aircraft  
[AD-A118604] p 198 N83-12083
- SMITH, L. A.**  
Advanced avionics systems for multimission applications, volume 1  
[AD-A121793] p 271 N83-19749  
Advanced avionics systems for multimission applications, volume 2  
[AD-A121794] p 271 N83-19750
- SMITH, L. G.**  
Vibration qualification of equipment mounted in turboprop aircraft p 31 N83-10238
- SMITH, M. K.**  
Integrated assurance assessment of a reconfigurable digital flight control system  
[NASA-CR-170281] p 397 N83-24515
- SMITH, N. K.**  
Thermodynamics of organic compounds  
[AD-A125022] p 483 N83-27895
- SMITH, P. R.**  
High aspect ratio forward sweep for transport aircraft  
[AIAA PAPER 83-1832] p 498 A83-38661
- SMITH, R. A.**  
Simulation of T-38 aircraft student canopy response to cockpit pressure and thermal loads using MAGMA  
[AIAA 83-0942] p 328 A83-29772  
Finite-element analysis of the T-38 canopy p 594 A83-41044
- SMITH, R. B.**  
Flight clearance of the Jaguar fly by wire aircraft I p 675 A83-45845  
Flight clearance of the Jaguar-fly-by-wire aircraft II p 687 A83-45846
- SMITH, R. E.**  
Flight-test results using nonlinear control with the F-8C digital fly-by-wire aircraft  
[AIAA PAPER 83-2174] p 619 A83-41669  
Flight test experience with pilot-induced-oscillation suppressor filters  
[AIAA PAPER 83-2107] p 625 A83-41936  
Effect of control system delays on fighter flying qualities p 51 N83-10072  
Lateral flying qualities of highly augmented fighter aircraft, volume 2  
[AD-A118071] p 204 N83-12100
- An in-flight investigation of pilot-induced oscillation suppression filters during the fighter approach and landing task  
[NASA-CR-163116] p 204 N83-13110  
Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 2 Program plan, test data and analysis  
[AD-A119704] p 155 N83-14117  
Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 1 Summary  
[AD-A119406] p 156 N83-14122  
Lateral flying qualities of highly augmented fighter aircraft, volume 1  
[AD-A118070] p 443 N83-26835
- SMITH, R. L.**  
Army family of light rotorcraft (LHX) concept formulation  
[AIAA PAPER 83-2552] p 732 A83-49592
- SMITH, S. C.**  
Determining compressor-inlet airflow in the compact multimission aircraft propulsion simulators in wind-tunnel applications  
[AIAA PAPER 83-1231] p 547 A83-39104
- SMITH, S. G.**  
Integrated navigation systems for aircraft p 723 A83-48735
- SMITH, T. D.**  
Ground and flight testing on the fly-by-wire Jaguar equipped with a full time quadruplex digital integrated flight control system p 343 N83-22111
- SMITH, T. J.**  
Industry's assessment of the number of airplanes in the general aviation fleet along with their hours flown and fuel consumption data powered by what type of engines, when and for what reasons, through the year 2000 p 352 N83-22445
- SMITH, W. D.**  
Traffic alert and collision avoidance system Developmental simulation  
[FAA-RD-82-49] p 260 N83-19732
- SMITH, W. G.**  
Super integrated power unit (SIPU) for the F-16 engine start system  
[SAE PAPER 821462] p 534 A83-37996  
Improvements in F-16 engine restart capability with a SIPU (Super Integrated Power Unit)  
[AD-A129578] p 749 N83-36036
- SMITHER, M. A.**  
The remote link unit A demonstration of operational performance Part 3 Design manual, volume 1  
[AD-A124621] p 476 N83-25934  
The remote link unit A demonstration of operational performance Part 3 Design manual Volume 2 Appendices A - C  
[AD-A124622] p 476 N83-25935  
The remote link unit A demonstration of operational performance Part 2 User's manual  
[AD-A124620] p 476 N83-25938  
The remote link unit A demonstration of operational performance, part 1  
[AD-A124619] p 476 N83-25939
- SMITHERS, B. W.**  
Investigation of the RF properties of carbon fiber composite materials  
[ERA-81-109] p 552 N83-28084
- SMITHERS, O. L.**  
Durability and damage tolerance control plans for U.S. Air Force aircraft p 594 A83-41045
- SMITHGALL, B.**  
Target acquisition and extraction from cluttered backgrounds p 268 A83-23531  
Eliminating nearest neighbor searches in estimating target orientation p 268 A83-23535
- SMITHMYER, J.**  
Microwave Landing System (MLS) channel plans and traffic loading  
[AD-A117597] p 28 N83-11110  
Microwave Landing System (MLS) channel plans and traffic loading  
[DOT/FAA/RD-81/113] p 146 N83-14097
- SMUGERESKY, J. E.**  
Powder metallurgy of titanium alloys p 403 A83-32599
- SMYTH, D. E.**  
Digital Instrumentation Analysis and Navigation System (DIANS) for system identification  
[AIAA PAPER 83-2091] p 609 A83-41922
- SMYTH, J. S.**  
Digital flight control system design using singular perturbation methods  
[AD-A118117] p 53 N83-11143
- SMYTH, R. K.**  
Digital Instrumentation Analysis and Navigation System (DIANS) for system identification  
[AIAA PAPER 83-2091] p 609 A83-41922  
A system study for the application of microcomputers to research flight test techniques  
[NASA-CR-169869] p 305 N83-19487
- SNELL, M. B.**  
Initial design of stringer stiffened bend boxes using geometric programming p 232 A83-23149
- SNOW, W. L.**  
Image degradation in Langley 0.3 meter transonic cryogenic tunnel  
[NASA-TM-84550] p 219 N83-13419
- SNYDER, C. E., JR.**  
Determination of the sensitivity of U.S. Air Force aircraft hydraulic system components to particulate contamination p 475 A83-36910
- SNYDER, C. T.**  
Ames Research Center overview p 243 N83-20831
- SNYDER, R. C.**  
Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 2 Program plan, test data and analysis  
[AD-A119704] p 155 N83-14117  
Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 1 Summary  
[AD-A119406] p 156 N83-14122
- SNYDER, R. G.**  
Impact protection in air transport passenger seat design  
[SAE PAPER 821391] p 507 A83-37967
- SOBEL, K.**  
Application of model reference adaptive control to a relaxed static stability transport aircraft p 46 A83-11209  
Implicit adaptive control for a class of MIMO systems p 169 A83-19031  
Model reference adaptive control in the presence of measurement noise p 568 A83-37128
- SOBEL, K. M.**  
Application of maximum likelihood estimation to the identification of the stability derivatives of a wide body transport aircraft p 460 A83-35121  
A comparison of minimizing strategies for maximum likelihood identification p 567 A83-37085
- SOBIECZKY, H.**  
The combination of a geometry generator with transonic design and analysis algorithms  
[AIAA PAPER 83-1862] p 500 A83-38689
- SOBIESZCZANSKI-SOBIESKI, J.**  
Structural optimization by multilevel decomposition  
[AIAA 83-0832] p 355 A83-29741
- SOBOL, I. M.**  
Evaluation of the technical state of aircraft gas-turbine engines from thermodynamic parameters with allowance for the natural scatter of state parameters p 272 A83-23430
- SODERMAN, P. T.**  
The acoustic response of a propeller subjected to gusts incident from various inflow angles  
[AIAA PAPER 83-0692] p 366 A83-28010
- SOEDER, J. F.**  
Design of a microprocessor-based Control, Interface and Monitoring (CIM) unit for turbine engine controls research  
[NASA-TM-83433] p 712 N83-34885
- SOEDER, R. H.**  
Effect of variable guide vanes on the performance of a high-bypass turbofan engine p 274 A83-24028  
Effect of steady-state pressure distortion on inlet flow to a high-bypass-ratio turbofan engine  
[NASA-TM-82964] p 166 N83-15306
- SOGA, K.**  
Review of shock tube and shock tunnel advancements at NAL p 290 A83-26127
- SOKOLOSKI, M.**  
Optical data processing for aerospace applications p 768 A83-47657
- SOKOLOWSKI, D. E.**  
Development and operating characteristics of an advanced two-stage combustor p 535 A83-38022
- SOLIES, U. P.**  
A flight test evaluation and analytical study of the Ball-Bartoe jetwing propulsive lift concept without ejector  
[AD-A121733] p 332 N83-20938
- SOLIGNAC, J. L.**  
Experimentation with turbulent flows experiencing the effects of an adverse pressure gradient  
[ONERA, TP NO 1983-36] p 659 A83-44314  
Experimental investigation of the turbulent structure of vortex wakes  
[ONERA, TP NO 1983-107] p 717 A83-49418

## SOLOMON, A. S. P.

Structure of evaporating and combusting sprays  
Measurements and predictions p 538 N83-29211

## SOLOMON, R.

Feasibility of dry lubrication for limited-duty gas turbine engines  
[AIAA PAPER 83-1130] p 475 A83-36405

## SOLOVEV, A. N.

A rapid method for determining the initial boiling point and the saturated-vapor pressure of petroleum products p 229 A83-20962

## SOLOVEV, E. V.

Complex optimization of engine systems for spacecraft control p 755 A83-48248

## SOLTIS, S.

Status of FAA crash dynamics program - Transport category aircraft  
[SAE PAPER 821483] p 507 A83-38002

## SOMBERG, B.

Potential uses of two types of stereographic display systems in the airborne fire control environment p 270 A83-26314

## SOMERS, D. M.

Design and experimental results for a flapped natural-laminar flow airfoil for general aviation applications  
[NASA-TP-1865] p 581 N83-30386

## SOMMER, D. L.

Methods for minimizing the effects of lightning transients on aircraft electrical systems p 29 A83-11088

## SOMMER, E.

Practical application of fracture mechanics p 230 A83-21799

## SOMMERFIELD, D. M.

Efficient computational grid generation for three-dimensional aircraft configurations  
[AIAA PAPER 83-2557] p 729 A83-48376

## SONG, C. Y.

Aerodynamic computation of the wing-body-short cabin composite p 662 N83-32740

## SONG, J. O.

Application of optimization to aircraft engine disk synthesis p 162 A83-18213

## SONIN, V. V.

A small parameter method in problems of maneuvering space vehicles with aerodynamic efficiency p 467 A83-34849

## SOON, J.

A laboratory method for the analysis of helicopter underslung load oscillations  
[BU-273] p 192 N83-16303

## SOONG, T. T.

Active vibration control of large flexible structures p 644 N83-30729

## SOOVERE, J.

The effect of acoustic thermal environments on advanced composite fuselage panels  
[AIAA 83-0955] p 357 A83-29857  
Sonic fatigue testing of the NASA L-1011 composite aileron p 607 N83-30796

## SOPHER, R.

Coupled rotor/airframe vibration analysis  
[NASA-CR-3582] p 154 N83-14105  
Review of rotor loads prediction methods p 194 N83-17484

## SORENSEN, J. A.

Analysis of in-trail following dynamics of CDTI-equipped aircraft p 390 A83-30161  
Flight management concepts development for fuel conservation p 447 A83-35843  
Computer programs for generation and evaluation of near-optimum vertical flight profiles  
[NASA-CR-3688] p 389 N83-24500  
Modeling of the Mode S tracking system in support of aircraft safety research  
[NASA-CR-166486] p 510 N83-29186

## SORENSEN, R. L.

Grid generation by elliptic partial differential equations for a tri-element Augmentor-Wing airfoil p 502 A83-38803

## SORGES, D. M.

Development and testing of a microwave radiometric vertical sensor for application to a vertical seeking aircrew escape system p 195 A83-15437

## SORKIN, L. I.

Aeroacoustical characteristics of a mechanical noise suppressor in a nozzle configuration with a central tailcone p 222 A83-13590

## SOSEDKO, I. U. P.

Optimum wire screens for control of turbulence in wind tunnels p 417 A83-33772

## SOTHERAN, A.

Development of thrust augmentation technology for the Pegasus vectored thrust engine  
[SAE PAPER 821390] p 532 A83-37966

## The Rolls-Royce annular vaporizer combustor

[ASME PAPER 83-GT-49] p 738 A83-47908

## SOUDAK, U.

Bonded aluminum honeycomb Aircraft flight surface primary structure application p 675 A83-43972

## SPACHT, G.

X-29 integrated technology demonstrator and ATF  
[AIAA PAPER 83-1058] p 438 A83-36469

## SPADACCINI, L. J.

Thermal stability of alternative aircraft fuels  
[AIAA PAPER 83-1143] p 470 A83-36243

## SPAID, F. W.

An experimental study of the turbulent boundary layer on a transport wing in transonic flow  
[AIAA PAPER 83-1687] p 492 A83-37188

An experimental study of transonic flow about a supercritical airfoil Static pressure and drag data obtained from tests of a supercritical airfoil and an NACA 0012 airfoil at transonic speeds, supplement  
[NASA TM-81336-SUPPL.] p 666 N83-33846

## SPALART, P. R.

Numerical simulation of vortex breakdown by the vortex filament method  
[NASA TM-84334] p 563 N83-29636

## SPARKS, R. A.

Missile guidance electromagnetic sensors p 723 A83-48769

## SPEARMAN, M. L.

Some lessons from NACA/NASA aerodynamic studies following World War II  
[AIAA PAPER 83-1856] p 489 A83-38683

Wind tunnel studies of the effects of simulated damage on the aerodynamic characteristics of airplanes and missiles  
[NASA TM-84588] p 138 N83-15266

Effect of external stores on the stability and control characteristics of a delta wing fighter model at Mach numbers from 0.60 to 2.01  
[NASA-TM-84596] p 194 N83-17508

The minimization of pylon-mounted store effects on air combat capability  
[NASA TM 84597] p 195 N83-17510

An aerodynamic assessment of various supersonic fighter airplanes based on Soviet design concepts  
[NASA-TM-84647] p 315 N83-22157

Some historical trends in the research and development of aircraft  
[NASA-TM-84665] p 417 N83-26785

Historical development of worldwide supersonic aircraft  
[NASA-TM 85637] p 573 N83-29170

## SPEE, B. M.

Evaluation Report AGARD Fluid Dynamics Panel Symposium on Fluid Dynamics of Jets with Application to V/STOL  
[AGARD AR 187] p 67 N83-10403

## SPEIR, D. W.

Internal performance prediction for advanced exhaust systems p 211 A83-22156  
Advanced technology exhaust nozzle development  
[AIAA PAPER 83-1286] p 496 A83-38080

## SPEITEL, L. C.

In-flight aircraft seat fire extinguishing tests (cabin hazard measurements)  
[FAA-CT-82-111] p 197 N83-16308

## SPENCER, B. JR.

Remotely driven model control surfaces for efficient wind-tunnel operations  
[AIAA PAPER 83-0148] p 172 A83-16556

## SPENCER, F. A.

A reappraisal of transport aircraft needs 1985 - 2000  
Perceptions of airline management in a changing economic, regulatory, and technological environment  
[NASA CR-165887] p 249 N83-18701

## SPENCER, J. L.

Description and planned use of a data distribution evaluation system for fiber optic data buses p 21 A83-11183

Fiber optic wavelength multiplexing for civil aviation applications p 208 A83-22492

## SPENCER, N. A.

Aircraft traffic in the Los Angeles basin as related to TCAS requirements p 145 N83-14085

## SPERA, T. J.

Thermal infrared pushbroom imagery acquisition and processing p 209 A83-22841

## SPEYER, J. L.

Estimation enhancement by trajectory modulation for homing missiles p 511 A83-37135  
New target models for homing missile guidance  
[AIAA PAPER 83-2166] p 590 A83-41662

MIMO controller design for longitudinal decoupled aircraft motion  
[AIAA PAPER 83-2274] p 623 A83-41740

## SPIETH, H. H.

A combined hazard index fire test methodology for aircraft cabin materials, volume 1  
[AD-A117448] p 15 N83-10025

A combined hazard index fire test methodology for aircraft cabin materials, volume 2  
[AD-A117449] p 15 N83-10026

## SPINTZYK, J.

Development trend in general aviation  
[DGLR PAPER 82-026] p 242 A83-24153

## SPIRKL, A.

The diagnostics of disturbances in components of turbojet engines with gasdynamics parameter monitoring p 199 A83-15850

## SPITZER, C. R.

The all electric airplane-benefits and challenges  
[SAE PAPER 821434] p 518 A83-37982

## SPLETTSTOEISSER, W.

Helicopter flight noise tests about the influence of rotor-rotational and forward speed changes on the characteristics of the imitted sound  
[AIAA PAPER 83-0672] p 365 A83-28002  
DFVLR research on helicopter noise p 490 A83-39346

## SPRADLIN, R. E.

Flight management systems - Where are we today and what have we learned?  
[AIAA PAPER 83-2236] p 622 A83-41713

## SPRINGER, G. S.

Vortex motion in axisymmetric piston-cylinder configurations  
[NASA-TM-85404] p 765 N83-35318

## SPRINGER, R. J.

Advanced Ultra-Violet (UV) aircraft fire detection system Volume 1 System description and flight test  
[AD-A121253] p 198 N83-17526

## SPRINKEL, D. M.

Wind tunnel test of a C-18 aircraft modified with the advanced range instrumentation aircraft radome  
[AD-A124771] p 425 N83-25671

## SQUIRE, L. C.

Universities - Have they a role in aeronautical research? Aerodynamics p 580 A83-42621  
Experimental work on the aerodynamics of integrated slender wings for supersonic flight p 659 A83-44360

## SRINIVASA, K.

Component life reduction due to use of AVGAS in gas turbine engines p 449 A83-35869

## SRINIVASAN, A. V.

Cascade flutter analysis of cantilevered blades  
[ASME PAPER 83-GT-129] p 740 A83-47958

## SRINIVASAN, R.

Experiments in dilution jet mixing  
[AIAA PAPER 83-1201] p 475 A83-36277

## SRIRANGARAJAN, H. R.

The response of aircraft to pulse excitation p 434 A83-34312

## SRITHRAN, S. S.

Nonlinear aerodynamics of conical delta wings p 504 N83-27956

## SRIVATSA, S. K.

Computations of emissions using a 3-D combustor program p 538 N83-29226

## SRIVATSAN, R.

Unconventional commuter configurations - A design investigation  
[SAE PAPER 830710] p 599 A83-43320

## SROKOWSKI, A. J.

High aspect ratio forward sweep for transport aircraft  
[AIAA PAPER 83-1832] p 498 A83-38661

## ST LAURENT, R.

A design synthesis model for ACV/SES lift systems p 486 A83-35057

## ST HILAIRE, A. O.

Analysis of unswept and swept wing chordwise pressure data from an oscillating NACA 0012 airfoil experiment. Volume 1. Technical Report  
[NASA-CR-3567] p 316 N83-22165

## STABE, R. G.

Incidence loss for fan turbine rotor blade in two-dimensional cascade  
[NASA-TP-2188] p 617 N83-30431

## STACK, S. H.

Wall-temperature effects on the aerodynamics of a hydrogen-fueled transport concept in Mach 8 blowdown and shock tunnels  
[NASA TP 2159] p 582 N83-30391

## STADNICK, S. J.

Engineering properties of Hughes/Air Force nickel-hydrogen cells p 361 A83-27203

## STAFIEJ, W.

Analytical consequences of increasing the mass of a glider p 189 A83-14617

## STAGER, R. P.

Investigation of landing gear alternatives for high performance aircraft p 261 A83-24030

- STAHL, H.**  
Transonic effects on helicopter rotor blades p 716 A83-49178  
Calculation of three dimensional unsteady transonic flow around rotor blades p 10 N83-10021  
[MBB-UD-353] p 10 N83-10021  
Calculation of 3D unsteady transonic flow around rotor blades p 193 N83-17474  
Transonic effects on helicopter rotor blades p 195 N83-17520  
[MBB-349-81-O-E]
- STAIANO, M.**  
Second National Conference on General Aviation Airport Noise and Land Use Planning Summary of proceedings [PB82-218520] p 69 N83-11628
- STAIU, S.**  
Application of the Carafoli method to the supersonic flow around a cruciform wing p 7 A83-10581
- STAKOLICH, E. G.**  
JT9D performance deterioration results from a simulated aerodynamic load test p 612 A83-11040
- STAKUN, V. J.**  
Electro-optical calibration considerations at intermediate maintenance levels p 232 A83-22683
- STALKER, R. J.**  
Nonequilibrium flow over delta wings with detached shock waves p 178 A83-13126  
A shock tube driver with a 'cyclone' separator p 290 A83-26130
- STALLINGS, L.**  
An evaluation of fretting at small slip amplitudes p 177 A83-17254
- STALLONE, M. J.**  
Blade loss transient dynamic analysis of turbomachinery p 612 A83-40884
- STANCIU, V.**  
Generalization of the air-jet propulsion systems, the 'N' flow turbo-jet engine [AD-A123932] p 459 N83-25715
- STANCLIFFE, A. C.**  
Emergency power for the F-16 aircraft [ASME PAPER 83-GT-189] p 742 A83-47995
- STANEWSKY, E.**  
The transonic wind tunnel Braunschweig of DFVLR p 217 A83-19663  
Two-dimensional transonic testing method p 347 N83-20962  
Wind tunnel flow quality and data accuracy requirements [AGARD-AR-184] p 376 N83-23276  
Design and construction of 2 transonic airfoil models for tests in the NASA Langley C 3-M TCT [NASA-TM-85325] p 401 N83-23326  
Transonic cryogenic test section for the Goettingen Tube Facility [NASA-TM-77050] p 401 N83-23328  
High Reynolds number tests of the CAST 10-2/DOA 2 airfoil in the Langley 0 3-meter transonic cryogenic tunnel, phase 1 [NASA-TM-84620] p 424 N83-25660
- STANGE, W. A.**  
Advanced techniques for measurement of strain and temperature in a turbine engine [AIAA PAPER 83-1296] p 558 A83-39106
- STANGASSINGER, U.**  
Astroplane A European research aircraft for IR and submillimetre astronomy (the DFVLR proposal) p 369 N83-22049
- STANISLAWSKI, J.**  
Operation of a helicopter on sloping ground I p 182 A83-14618  
Operation of a helicopter on sloping ground II p 182 A83-14624
- STANKIEWICZ, E.**  
Forced and self-excited vibrations of gas-turbine assemblies with perfect and perturbed symmetry p 458 A83-36791
- STANKUNAS, T. N.**  
Composite fan exit guide vanes for high bypass ratio gas turbine engines p 198 A83-13159
- STANLEY, C. L.**  
Pilot-scale assessment of conventional particulate control technology for pressurized fluidized-bed combustion emissions [PB82-230921] p 220 N83-13673
- STAPLEFORD, R. L.**  
Measurement of the frequency response of a digital autopilot [AIAA PAPER 83-0326] p 176 A83-18655
- STAPOUNTZIS, H.**  
An oscillating rig for the generation of sinusoidal flows p 56 A83-12008
- STARDTER, H.**  
Subsonic-transonic stall flutter study [NASA-CR-165256] p 629 N83-30435
- STARGILL, S. L.**  
Transonic wind tunnel test on an oscillating flap [AIAA PAPER 83-2132] p 579 A83-41854
- STARK, V. J. E.**  
General equations of motion for an elastic wing and method of solution [AIAA 83-0921] p 357 A83-29847
- STARKS, S. A.**  
Observers as noise filters in an automatic aircraft landing system p 285 A83-24434
- STARNES, J. H., JR.**  
Design for global damage tolerance and associated mass penalties p 214 A83-15321  
Failure Analysis and Mechanisms of Failure of Fibrous Composite Structures [NASA-CP-2278] p 693 N83-33957
- STARRY, C.**  
Oceanic Area System Improvement Study (OASIS) Volume 10 North Atlantic, Central East Pacific, and Caribbean regions aviation traffic forecasts [FAA-EM-81-17-VOL-10] p 201 N83-16322
- STARUKHIN, V. P.**  
Investigation of the parameters of a boundary layer before the inlet of a supersonic air intake mounted under the surface of a triangular plate p 494 A83-37533
- STATECNY, J.**  
A contribution to airworthiness certification of gas turbine disks p 449 A83-35872
- STAUBACH, R. L.**  
Advanced commercial engines for the 1990's [AIAA PAPER 83-2479] p 745 A83-48342
- STAUBERT, R.**  
Navigation for balloon payloads - Recent experience with OMEGA in the US and a new slant range system p 514 A83-39814  
Guidance and control of a balloon-borne X-ray telescope with onboard and ground based computers p 530 A83-39823
- STAVINOH, L. L.**  
Emergency fuels technology [AD-A125275] p 471 N83-25904
- STEARN, C. A.**  
Turbine engine materials durability research p 202 N83-12163  
Reactions of NaCl with gaseous SO<sub>3</sub>, SO<sub>2</sub>, and O<sub>2</sub> [NASA-TM-83423] p 554 N83-29358
- STEARN, J.**  
A pilot study of human response to general aviation aircraft noise [NASA-CR-166053] p 238 N83-18404
- STEELE-PERKINS, A. P.**  
Recent improvements in crash restraint in UK helicopters p 250 N83-19443
- STEELE, W. G.**  
Aeroelastic stability of a forward swept wing with wing tip stores [AD-A125457] p 678 N83-32797
- STEENKEN, W. G.**  
Modelling compression component stability characteristics Effects of inlet distortion and fan bypass duct disturbances p 542 N83-29261
- STEENROD, F. J.**  
Assessment of survivability against laser threats The ASALT-I computer program [AD-A128472] p 703 N83-34313
- STEFAN, K.**  
Thermal effects on a high altitude airship [AIAA PAPER 83-1884] p 509 A83-38912
- STEFANESCU, D. M.**  
Preliminary science report on the directional solidification of hypereutectic cast iron during KC-135 low-G maneuvers [NASA-TM-82528] p 470 N83-25854
- STEFANINI, J. P.**  
A functionally reliable avionics systems p 272 N83-20196
- STEFKO, G. L.**  
Noise of the 10-bladed, 40 deg swept SR-6 propeller in a wind tunnel [NASA-TM-82950] p 74 N83-11840  
New test techniques and analytical procedures for understanding the behavior of advanced propellers [NASA-TM-83360] p 311 N83-22092  
Noise of the 10-bladed 60 deg swept SR-5 propeller in a wind tunnel [NASA-TM-83054] p 367 N83-23112
- STEGER, J. L.**  
Finite-difference simulation of transonic separated flow using a full potential boundary layer interaction approach [AIAA PAPER 83-1689] p 555 A83-37189
- STEINGANG, A.**  
Correlation of experimental and quasi-3D theoretical airloads on the oscillating LANN supercritical wing model [AD-A130550] p 718 N83-36002
- STEIN, B. A.**  
Advanced powder metallurgy aluminum alloys and composites p 210 N83-12156
- STEIN, K. J.**  
Computer models cut USAF test costs p 173 A83-18274
- STEIN, T. A.**  
Development trends in engine durability [AIAA PAPER 83-1297] p 455 A83-36329
- STEIN, W. L.**  
Experimental results of using the GPS for Landsat 4 onboard navigation p 672 A83-46963
- STEINBERG, A.**  
The effects of non-linear kinematics in optimal evasion p 650 A83-40674
- STEINER, J. E.**  
How decisions are made - Major considerations for aircraft programs p 152 A83-18398  
Changing the course of U.S. aviation p 371 A83-30830  
Large jet aircraft validation and demonstrations - An overview of Boeing experience [AIAA PAPER 83-1049] p 439 A83-36472
- STEINHAUSER, R.**  
Application of vector performance optimization to a robust control loop design for a fighter aircraft p 215 A83-21160
- STEININGER, M.**  
Survey of aeroelastic wind tunnel and flight testing methods at MBB p 753 A83-49181
- STEINLE, F.**  
Wind tunnel flow quality and data accuracy requirements [AGARD-AR-184] p 376 N83-23276
- STEINMETZ, G. G.**  
Evaluation of g seat augmentation of fixed-base/moving base simulation for transport landings under two visually imposed runway width conditions [NASA-TP-2135] p 333 N83-22191
- STEINMETZ, S. J.**  
Application of VAS multispectral imagery to aviation forecasting p 408 A83-30561
- STELLAR, F.**  
Fuel conservation evaluation of US Army helicopters Part 3 UH-1H flight testing [AD-A125667] p 527 N83-27985
- STELLBRINK, K. K.**  
Effect of defect on the behaviour of composites p 551 A83-40215
- STELLINI, E.**  
Rationalizing Tacar force development in the next decade p 2 A83-11116
- STELMAKH, A. L.**  
The effect of aerodynamic coupling between the blades of a cascade on the aerodynamic damping of blade vibrations and the onset of blading flutter p 182 A83-19312  
A test stand for studying transient phenomena in aerodynamic turbomachine cascades p 218 A83-20913
- STEMMER, G.**  
Service operation of a CFRP window frame in short fiber pressing [BMFT-FB-W-82-021] p 233 N83-17749
- STENBERG, K. V.**  
YAV-8B flight demonstration program [AIAA PAPER 83-1055] p 438 A83-36466
- STENGEL, R. F.**  
Distributed processing and fiber optic communications in air data measurement p 38 A83-11258  
Effects of control saturation on the command response of statically unstable aircraft [AIAA PAPER 83-0065] p 168 A83-16497  
A unifying framework for longitudinal flying qualities criteria p 285 A83-24429  
Identification of aerodynamic coefficients using flight testing data [AIAA PAPER 83-2099] p 597 A83-41929  
Longitudinal flying qualities criteria for single-pilot instrument flight operations [NASA-CR-166084] p 606 N83-30407
- STENGER, G. J.**  
F/RF-4 transparency baseline bird impact test program p 598 A83-42533
- STENSTADVOLDEN, J. A.**  
Operation of ILS during snow and ice conditions p 320 A83-27969
- STEPANOV, V. A.**  
Application of numerical methods to the calculation of the characteristics of supersonic and hypersonic jet-engine air intakes p 494 A83-37532  
Computational study of an unregulated air intake of a hypersonic ramjet engine with three-dimensional deceleration of the flow at freestream Mach numbers of 5-7 p 494 A83-37559

# STEPCHKOV, A. A.

## STEPCHKOV, A. A.

An analysis of the parameters determining the maximum thrust of ramjet engines p 613 A83-42127

## STEPHENS, C O

Advanced composite vertical stabilizer for DC-10 transport aircraft [NASA-CR-172780] p 607 N83-31595

## STEPHENS, D G

Residents' annoyance responses to aircraft noise events [NASA-TP-2121] p 707 N83-34713

## STEPHENS, J R

Considerations of technology transfer barriers in the modification of strategic superalloys for aircraft turbine engines [NASA-TM-83395] p 554 N83-29360

## STEPHENS, W B

The development of a system for interdisciplinary analysis of rotorcraft flight characteristics p 236 N83-17485

## STEPHENSON, J D

The application of parameter estimation to flight measurements to obtain lateral-directional stability derivatives of an augmented jet-flap STOL airplane [NASA-TP-2033] p 216 N83-18350

## STEPHENSON, R

Development of a mini RPV - Stableys p 326 A83-28180

## STERLING, P M

Use of simulated ice shapes in known icing certification p 378 A83-32936

## STERMAN, A. P.

Tip cap for a rotor blade [NASA-CASE-LEW-13654-1] p 164 N83-14129  
Air modulation apparatus [NASA-CASE-LEW-13524-1] p 645 N83-30957

## STERMER, R L

Optical data processing for aerospace applications p 768 A83-47657

## STERN, A. D

A generalized stage-state method for centralized fault-tolerant flight control system [AIAA PAPER 83-2301] p 650 A83-41759

## STERN, A. D

Integrated airframe/propulsion control system architectures (IAPSA) study [AIAA PAPER 83-2158] p 595 A83-41660

## STETSON, H D

A Monte Carlo simulation of the engine development process [AIAA PAPER 83-1230] p 452 A83-36294  
Designing for stability in advanced turbine engines p 543 N83-29266

## STEVENS, G W H

Net-skirt addition to a parachute canopy to prevent inversion p 428 A83-36911

## STEVENS, R C K

Model and full-scale studies of the exhaust noise from a bypass engine in flight [AIAA PAPER 83-0751] p 337 A83-28019

## STEVENS, V C

Selected results from the quiet short-haul research aircraft flight research program p 189 A83-13165

## STEVENSON, C D

Improving energy efficiency of major weapon systems [AD-A119563] p 155 N83-14116

## STEVEDING, B

Research and development of helicopters in Europe p 677 A83-46929

## STEWART, W

Operational criteria for the handling qualities of combat helicopters p 50 N83-10067

## STEWART, E C

A simulation study of the low-speed characteristics of a light twin with an engine-out [AIAA PAPER 83-2128] p 626 A83-41951  
Wing modification for increased spin resistance [SAE PAPER 830720] p 627 A83-43327

## STEWART, J F

Flight test experience with pilot-induced-oscillation suppressor filters [AIAA PAPER 83-2107] p 625 A83-41936  
NASA/RAE collaboration on nonlinear control using the F-8C digital fly-by-wire aircraft [NASA-TM-84296] p 396 N83-23316

## STEWART, V R

A method for estimating the propulsion induced aerodynamic characteristics of STOL aircraft in ground effect [AIAA PAPER 83-0169] p 149 A83-16567  
Experimental wing and canard jet-flap aerodynamics [AIAA PAPER 83-0081] p 715 A83-48211  
Characteristics of the ground vortex developed by various V/STOL jets at forward speeds [AIAA PAPER 83-2494] p 717 A83-49585

## STICHTER, M C

Evaluation of helicopter pilot's attitude control using a simulated head-up display in a simulated helicopter cockpit [AD-A119570] p 219 N83-16355

## STIEB, R

The water tunnel - A helpful simulation facility for the aircraft industry p 55 A83-11080

## STIELER, B

Development of inertial navigation and its employment in measurement technology p 141 A83-16900  
Gyroscopic instruments and their application to flight testing [AGARD-AG-160-VOL-15] p 233 N83-17855

## STIFFLER, J J

CARE 3 phase 2 report - mathematical description [NASA-CR-3566] p 189 N83-14929

## STILLER, A.

Trend analysis concerning the displays and the keyboard of GPS navigation receivers for different applications p 37 A83-13010

## STIVERS, L. S., JR

An experimental study of transonic flow about a supercritical airfoil. Static pressure and drag data obtained from tests of a supercritical airfoil and an NACA 0012 airfoil at transonic speeds, supplement [NASA-TM-81336-SUPPL] p 666 N83-33846

## STOCKTON, G

F-16 voice message system study p 19 A83-11121

## STOCKWELL, W L

Planning for rotorcraft and commuter air transportation [NASA-CR-166453] p 310 N83-19652

## STOHLGREN, L M

The GTCP331, a 600 hp auxiliary power unit program [ASME PAPER 83-GT-188] p 742 A83-47994

## STOJIC, R D

One new method of dynamic flight control p 568 A83-37447

## STOKES, C

Preliminary analyses of flail, windblast and tumble problems and injuries associated with usage of U S Navy Aircrew Automated Escape Systems /AAES/ p 183 A83-15407

## STOKES, C W

Preliminary overview analyses of U S Navy Aircrew Automated Escape Systems /AAES/ in-service usage data p 182 A83-15405  
U S Navy Aircrew Automated Escape Systems /AAES/ In-Service Data Analysis program p 183 A83-15408

## STOKES, R F

Built-In Test Equipment (BITE) on the Garrett model GTCP331 APU digital electronic control unit [ASME PAPER 83-GT-186] p 742 A83-47992  
Integrated navigation systems for aircraft p 723 A83-48735

## STOKIC, D M

One new method of dynamic flight control p 568 A83-37447

## STOLIAROV, G I

Concerning a type of separated flow on a rectangular wing of small aspect ratio p 492 A83-37260

## STONE, J

Icing analysis of an unprotected aircraft radome p 188 A83-18413

Computer control and activation of six-degree-of-freedom simulator [AD-A126126] p 549 N83-28010

## STONE, J R

Conventional profile coaxial jet noise prediction p 237 A83-22128

Comparison of measured and predicted flight effects on high-bypass coaxial jet exhaust noise [AIAA PAPER 83-0749] p 308 A83-26450

Comparison of measured and predicted flight effects on high-bypass coaxial jet exhaust noise [NASA-TM-83347] p 368 N83-23115

## STONE, L W

Pursuit rotor tracking performance in conjunction with extended flight operations in a helicopter simulator [AD-A119237] p 293 N83-18772

## STONE, R H

Demonstration of reparability and repair quality on graphite/epoxy structural subelements p 186 A83-20485

Repair techniques for graphite/epoxy structures for commercial transport applications [NASA-CR-159056] p 225 N83-16397

## STONEHAM, T

Discharge rate capability of nickel-cadmium aircraft batteries p 336 A83-27190

## STONIK, O G

The distribution of the disperse fraction of a polydisperse jet injected into a gas flow p 473 A83-34472

## STORAGE, A F

Analytical and experimental investigation of bird impact on fan and compressor blading [AIAA 83-0954] p 338 A83-29856  
Blade loss transient dynamic analysis of turbomachinery p 612 A83-40864

## STOREY, J T

Possible improvements in meteorology for aircraft navigation p 247 A83-23373

## STORM, R S.

Progress in net shape fabrication of alpha SiC turbine components [ASME PAPER 83-GT-238] p 763 A83-48030

## STOROZUM, S. L.

Fiber optic aircraft multiplex systems - Planning for the 1990s p 20 A83-11180

## STOTEN, M D

Design features of a new commuter turboprop engine [SAE PAPER 820717] p 392 A83-31802  
Regional airline turboprop engine technology [AIAA PAPER 83-1158] p 535 A83-39101

## STOTLER, C L

Composite engine duct fabrication p 490 A83-39941

## STOUDER, D J

Advanced facility for processing aircraft dynamic test data p 53 A83-10189

## STOUGH, H P

Wing modification for increased spin resistance [SAE PAPER 830720] p 627 A83-43327

## STOWELL, W R

Application of thin film strain gages and thermocouples for measurement on aircraft engine parts [AIAA PAPER 83-1292] p 444 A83-36326

## STOWERS, J

Planning for rotorcraft and commuter air transportation [NASA-CR-166453] p 310 N83-19652

## STRACK, W C

Technology and benefits of aircraft counter rotation propellers [NASA-TM-82983] p 44 N83-11129  
General Aviation Turbine Engine (GATE) overview p 340 N83-22457

## STRAHL, N M

Minimizing pilot work load in an advanced development, low-cost Omega/VLF/RNAV system p 671 A83-46954

## STRAIGHT, D M

Thrust performance of a variable-geometry, divergent exhaust nozzle on a turbojet engine at altitude [NASA-TP-2171] p 459 N83-26839

## STRANDE, S M

PAN AIR modeling studies [AIAA PAPER 83-1830] p 498 A83-38660

## STRANG, A.

High temperature stability of pack aluminide coatings on IN38LC p 230 A83-21459

## STRANGE, R R

Development of advanced high-temperature heat flux sensors [NASA-CR-165618] p 42 N83-10044

## STRATTON, M V.

Fuel conservation evaluation of U S (United States) Army helicopters Part 4 OH-58C flight testing [AD-A127422] p 637 N83-30673

## STRAUBER, M

Selected topics in licensing Airbus A310 [DGLR PAPER 82-042] p 247 A83-24166

## STRAUCH, B

Evaluating the use of electronic flight instrument systems in general aviation aircraft [AD-A118604] p 198 N83-12083

## STRECKENBACH, J M

Aircraft noise reduction [PB82-206095] p 194 N83-12080

## STREHLOW, H

Survey of active and passive means to reduce rotorcraft vibrations [MBB-UD-350] p 206 N83-16335

## STREZWILK, D F

Simulation of background clutter p 62 A83-10063

## STRICKLAND, W S.

Minimum operating strip selection procedure p 175 N83-15285

## STRICKLIN, R

Summary report for CF6 jet engine diagnostics program [NASA-CR-165582] p 214 N83-17539

## STRICKMAN, M S.

A hard X-ray experiment for long-duration balloon flights p 530 A83-39822

## STRICKROTH, G J

Challenges for military airlift in the 1990's [AIAA PAPER 83-2437] p 719 A83-48327

- STRIKE, T. M.**  
Technology upgrade to ALR-46 and ALR-69 radar warning receivers p 18 A83-11102
- STRILETS, S. I.**  
Estimation of the thermal fatigue strength of the blades of full-scale gas-turbine engines p 613 A83-41596
- STRINGFELLOW, K.**  
Improving the accuracy of thermocouple temperature measuring circuits [PNR-90148] p 563 N83-29670
- STROKIN, M. V.**  
Errors in the experimental determination of the parameters of supersonic combustion ramjet engines p 211 A83-22653
- STROM, T. H.**  
Flight at supersonic altitudes [SAE PAPER 82-1469] p 544 A83-38000
- STROMBERG, W. J.**  
JT9D performance deterioration results from a simulated aerodynamic load test p 612 A83-41040
- STRONGMAN, E.**  
Colour flight deck displays p 197 A83-16336  
Application and experience of colour CRT flight deck displays p 680 A83-44688
- STROZIER, J. K.**  
Formulation of a helicopter preliminary design course [AIAA PAPER 83-2521] p 728 A83-48363
- STRUMIA, A.**  
Multiprocessors and their impact on integrated navigation and avionics - A status-of-the-art paper p 269 A83-24868
- STUCKAS, K. J.**  
The spark-ignition aircraft piston engine of the future p 353 N83-22450
- STUCKENBERG, N.**  
An observer approach to the identification and isolation of sensor failures in flight control systems [ESA-TT-738] p 546 N83-28001
- STUDWELL, R. E.**  
Coupled rotor/airframe vibration analysis [NASA-CR-3582] p 154 N83-14105
- STUESSEL, R.**  
Air traffic and requirements for future passenger aircraft [DGLR PAPER 82-024] p 241 A83-24151
- STUFFLEBEAM, J. H.**  
CARS temperature and species measurements in augmented jet engine exhausts [AIAA PAPER 83-1294] p 455 A83-36328
- STULL, F. D.**  
Coaxial dump combustor investigations p 459 N83-26791
- STUMBO, P. B.**  
Tactical aircraft engine usage - A statistical study p 274 A83-24033  
Analysis of engine usage data for tactical systems [AIAA PAPER 81-1370] p 337 A83-29011
- STUMM, J. E.**  
Graphite/epoxy material characteristics and design techniques for airborne instrument application p 225 A83-22595
- STUMPF, G.**  
Development studies for incorporation of air transportation documentation in the building up of a transport information system p 249 N83-18703
- STUMPF, R.**  
Dynamic distortion in a short s-shaped subsonic diffuser with flow separation [AIAA PAPER 83-1412] p 683 A83-45515  
Dynamic distortion in a short s-shaped subsonic diffuser with flow separation [NASA-TM-83412] p 459 N83-26838
- STURGESS, G. J.**  
Importance of inlet boundary conditions for numerical simulation of combustor flows [AIAA PAPER 83-1263] p 454 A83-36314  
Aerochemical modeling program, phase 1 [NASA-CR-168202] p 645 N83-30959
- STURM, G. M.**  
Scheduled depot maintenance of naval aircraft - How often? [AIAA PAPER 83-2517] p 711 A83-48361
- STURZA, M. A.**  
GPS navigation using three satellites and a precise clock p 673 A83-46970
- SU, R.**  
Design of a helicopter autopilot by means of linearizing transformations [NASA-TM-84295] p 52 N83-11140
- SUBBAIAH, M. V.**  
Unsteady flow effects in combustor systems p 562 N83-29232
- SUCCI, G. P.**  
Limits on the prediction of helicopter rotor noise using thickness and loading sources Validation of helicopter noise prediction techniques [NASA-CR-166097] p 412 N83-25498
- SUDAKOV, G. G.**  
Subsonic compressible-gas separated flow past a low-aspect-ratio wing p 495 A83-37626
- SUETSUGU, K.**  
Numerical simulation of transonic flutter of a supercritical wing [NAL-TR-726T] p 288 N83-18743
- SUGGS, J. P.**  
Propulsion system integration as applied to business jet aircraft [ASME PAPER 83-GT-227] p 725 A83-48024
- SUGIYAMA, N.**  
Real-time simulation of jet engines with digital computer 1. Fabrication and characteristics of the simulator [NASA-TM-77081] p 684 N83-32809
- SUKHAR, I. M.**  
Lasers in aviation p 229 A83-20384
- SULIMA, A. M.**  
Fabrication technology for aircraft engines p 185 A83-20381
- SULLIVAN, B. M.**  
A study of noise metric and tone correction accuracy [NASA-CR-165910] p 304 N83-20445
- SULLIVAN, J. P.**  
Advanced theoretical treatments of propeller aerodynamics p 244 N83-18654
- SULLIVAN, N.**  
Development of avionics installation interface standards [AD-A116852] p 38 N83-11123
- SULLIVAN, P. A.**  
Application of system identification flight analysis techniques to the pitch-heave dynamics of an air cushion vehicle p 484 A83-34852
- SULLIVAN, R. E.**  
Application of 3D aerodynamic/combustion model to combustor primary zone study [AIAA PAPER 83-1265] p 454 A83-36316  
Small gas turbine combustor primary zone study p 538 N83-29221
- SULLIVAN, T. J.**  
The aerodynamic design and performance of the General Electric/NASA EEE fan [AIAA PAPER 83-1160] p 451 A83-36252  
Energy efficient engine Fan test hardware detailed design report [NASA-CR-165148] p 212 N83-16341
- SUN, D. F.**  
Application of advanced signal processing techniques to angle of arrival estimation in ATC navigation and surveillance systems [AD-A118306] p 28 N83-11108
- SUN, J.**  
Evaluation of missile aerodynamic characteristics for diversified configurations using rapid prediction techniques [AIAA PAPER 83-0180] p 131 A83-16573
- SUN, Z.**  
Numerical computation of unsteady subsonic aerodynamic forces on wing-body-tail exposed to traveling gust p 9 N83-10006
- SUNDARAM, P.**  
Computation of transonic flow field over Wing-Body-Pylon-Store combinations [AIAA PAPER 83-1852] p 500 A83-38680
- SUNDARESHAN, M. K.**  
An adaptive scheme for optimal target detection in variable clutter environment p 253 A83-24779
- SUNDBERG, G. R.**  
Advanced electrical power system technology for the all electric aircraft [NASA-TM-83390] p 407 N83-24764
- SUNDERMEYER, P.**  
Structure and mode of operation of an interactive onboard four-dimensional flight path control system p 286 A83-26478  
Programming of a trajectory control calculator for calculation, manipulation and description of 4D flight trajectories [TUBS/FB-81-08-01] p 206 N83-13119
- SUNDSTROM, D. E.**  
Avionic software design p 334 N83-22113
- SUNDT, C. V.**  
Energy efficient engine sector combustor rig test program [NASA-CR 167913] p 283 N83-19753
- SUNG, N. W.**  
Effect of volatility on air fuel ratio distribution and torque output of a carbureted light aircraft piston engine [FAA-CT-82-117] p 393 N83-23308
- SUNKARA, B. D.**  
Dynamics of the STARS aerostat [AIAA PAPER 83-1890] p 545 A83-38916
- SURBER, L. E.**  
Survey of inlet development for supersonic aircraft [AIAA PAPER 83-1164] p 503 A83-40473
- SURESH, S.**  
Mechanics and physics of the growth of small cracks p 700 N83-34096
- SURGET, J.**  
Optical sensor for measurement of position and deformations of models in wind tunnel p 64 A83-12347  
Model attitude and deformation measurement in wind tunnel [ONERA, TP NO 1982-91] p 181 A83-18428
- SURIANO, F. J.**  
Test experience with turbine-end foil bearing equipped gas turbine engines [ASME PAPER 83-GT-73] p 739 A83-47926  
High-temperature (649 deg C/1200 deg F) coatings for gas-lubricated foil bearings of the Navy's advanced auxiliary power unit concepts p 185 N83-15538
- SURIKOV, N. F.**  
The Ka-26 helicopter p 437 A83-36448
- SURZHUK, V. V.**  
A study of the statistical dynamics of flight vehicles p 396 A83-33009
- SUSSMAN, M. B.**  
STOL wind tunnel test results for a tactical supercruiser [AIAA PAPER 83-1224] p 420 A83-36291
- SUTER, P.**  
Aeroelasticity in turbomachine-cascades [AD-A127709] p 618 N83-31605
- SUTHERLAND, M. V.**  
Conceptual design, evaluation and research identification for Remote Augmented Propulsive Lift Systems (RALS) with ejectors for VTOL aircraft [NASA-CR-167906] p 202 N83-13103
- SUTHERLIN, D.**  
On missiles modelling, simulation and evaluation in presence of noise and multi-source environment p 17 A83-10707
- SUTOR, P.**  
Wear and friction of high-temperature self-lubricating composites [ASLE PREPRINT 82-LC-2B-2] p 212 A83-13234
- SUTTER, H.**  
An impulse generator to simulate lightning effects on aircraft p 587 N83-31221
- SUTTON, C. W.**  
Operating instructions manual for Microprocessor Airborne Data Acquisition and Replay (MADAR) module [AD-A128558] p 648 N83-32031
- SUTTON, E. P.**  
Experiments on a flow with swept separation and reattachment of a boundary layer p 697 A83-47020
- SUTTON, R.**  
Application of 3D aerodynamic/combustion model to combustor primary zone study [AIAA PAPER 83-1265] p 454 A83-36316
- SUTTON, R. D.**  
Small gas turbine combustor primary zone study p 538 N83-29221
- SUTTON, S. A.**  
The effect of loading rates, temperature and moisture on the fracture toughness of polycarbonate p 223 A83-20497
- SUTTON, W. A.**  
Refining of military jet fuels from shale oil Part 1. Preliminary process design, economic and yield optimization, and computer modeling [AD-A117511] p 60 N83-10210
- SVINTSITSKII, A. M.**  
A study of the corrosion activity of the fuselage condensate of passenger aircraft p 190 A83-15398
- SWAIM, R. L.**  
An analytical pilot rating method for highly elastic aircraft p 203 A83-14843  
Aeroelastic interactions with flight control (A survey paper) [AIAA PAPER 83-2219] p 621 A83-41700
- SWAMY, K. M. M.**  
The NAL transonic cascade tunnel p 55 A83-11081
- SWAN, P.**  
The aerodynamics of small RPV's p 601 A83-43710
- SWANN, D.**  
Cost development of the dual-channel GPS (Global Positioning System) navigator for general aviation application [AD-A127157] p 593 N83-31591
- SWANN, M. R.**  
Experience with flight test trajectory guidance p 675 A83-45470



## SWANSON, C. N.

### SWANSON, C. N.

Identifying aircraft and airport compatibility - A straightforward approach to complexity  
[AIAA PAPER 83-1582] p 399 A83-33354

### SWANSON, E. E.

Effect of advanced technology and a fuel efficient engine on a subsonic-cruise executive jet with a small cabin  
[NASA-CR-172190] p 679 N83-33876

### SWEETMAN, B.

Thunder power for executive and ag-aircraft  
p 39 A83-10866  
Blackjack - Soviet B-1 or better p 192 A83-16373  
US Navy STOVL - Waiting in the wings p 153 A83-19450  
New life for the dragon lady p 386 A83-32398  
F-16XL - GD hatches a new Falcon p 526 A83-40621  
Frogfoot - A new Shturmovik on trial p 595 A83-41320

### SWERN, F. L.

New results in fault latency modelling  
[AIAA PAPER 83-2303] p 650 A83-41760

### SWIERSTRA, S.

Dynamic control of inbound flights for minimum cost operation p 326 N83-22186

### SWIFT, H. F.

FOD hazard from tire-lofted debris p 585 A83-42557

### SWIFT, R. N.

Airborne dual laser excitation and mapping of phytoplankton photopigments in a Gulf Stream Warm Core Ring p 648 A83-42210

### SWIGART, R.

The development of a generalized advanced propeller analysis system  
[AIAA PAPER 83-2466] p 746 A83-49581

### SWITKIEWICZ, R.

The ULS experimental ultralight glider made of polymer composites I - Genesis of the program and construction of the glider p 189 A83-14621

### SYDER, H.

Advanced composite elevator for Boeing 727 aircraft, volume 2  
[NASA-CR-159258] p 205 N83-16330

### SYED, A. A.

Sound propagation in segmented exhaust ducts - Theoretical predictions and comparison with measurements  
[AIAA PAPER 83-0734] p 366 A83-28016

### SYED, S. A.

Importance of inlet boundary conditions for numerical simulation of combustor flows  
[AIAA PAPER 83-1263] p 454 A83-36314

### SYLMAN, Y.

Effective aerodynamic parameter evaluation from free flight tests p 203 A83-21005

### SYLVESTER, R. J.

On the certification of digital computer programs for flight safety p 2 A83-11115

### SYMS, P. W.

ASAT - The U.K.'s new turbo jet R P V p 601 A83-43707

### SZACHNOWSKI, W.

Some applications of ultrasonic methods for the quality control of nonmetallic objects p 475 A83-36794

### SZALAI, K. J.

Analytic redundancy management for flight control sensors p 751 N83-34900

### SZAMOSI, M.

An improved methodology for predicting random spectrum load interaction effects on fatigue crack growth p 224 A83-21802

Improved methods for predicting spectrum loading effects Volume 1 Technical summary  
[AD-A118295] p 68 N83-11521

Improved methods for predicting spectrum loading effects Volume 1 Technical summary  
[AD-A118856] p 193 N83-12077

A users manual for a detailed level fatigue crack growth analysis computer code Volume 1 The CRKGRO program  
[AD-A118968] p 184 N83-14530

A user's manual for a computer program to predict fatigue crack growth on flight-by-flight basis (FLTGRO)  
[AD-A118965] p 184 N83-14531

### SZANISZLO, A. J.

NASA clean catalytic combustor program  
[ASME PAPER 82-JPGG-GT-11] p 295 A83-25269

### SZCZEPANSKI, K.

Some applications of ultrasonic methods for the quality control of nonmetallic objects p 475 A83-36794

### SZECHENYI, E.

Measurement techniques in turbomachines, ultrathin transducers applied to measurements in turbomachines p 216 N83-12273

### SZEKELY, G. A., JR

Effects of envelope flames on drop gasification rates in turbulent diffusion flames p 222 A83-19846

### SZEMA, K. Y.

Chemical equilibrium laminar or turbulent three-dimensional viscous shock-layer flows p 715 A83-48133

### SZEMA, K. Y.

A conservative type-dependent full potential method for the treatment of supersonic flows with embedded subsonic regions  
[AIAA PAPER 83-1887] p 502 A83-39356

### SZETELA, E. J.

Thermal stability of alternative aircraft fuels  
[AIAA PAPER 83-1143] p 470 A83-36243  
A vortex venturi for reverting antimisting fuel properties  
[ASME PAPER 83-GT-137] p 741 A83-47964

### SZEWCHYK, V. M.

Model and full-scale studies of the exhaust noise from a bypass engine in flight  
[AIAA PAPER 83-0751] p 337 A83-28019

### SZODRUCH, J.

On the aerodynamics of over-the-wing nacelles supported on 'stub-wings'  
[AIAA PAPER 83-0538] p 150 A83-16774

Wind tunnel tests of over-the-wing nacelles p 422 A83-36916

Development of aerodynamical technology for large civil aviation aircraft p 709 A83-47204

### SZUCH, J. R.

BASIC Data Manipulation And Display System (BDMADS)  
[NASA-TM-83328] p 305 N83-19496

### SZUMANSKI, K.

Operation of a helicopter on sloping ground I p 182 A83-14618

Operation of a helicopter on sloping ground II p 182 A83-14624

A simulation model for the analysis of the dynamic behavior of a helicopter rotor under nonstationary limit flight conditions p 204 A83-23220

## T

### T. HART, W. G. J.

Engineering property comparisons of 7050-T73651, 7010-T7651 and 7010-T73651 aluminum alloy plate p 403 A83-32340

### TABAKOFF, W.

A method of predicting the performance deterioration of a compressor cascade due to sand erosion  
[AIAA PAPER 83-0178] p 160 A83-16572

High temperature erosion study of INCO 600 metal p 468 A83-35247

Effect of sand erosion on the performance deterioration of a single stage axial flow compressor p 448 A83-35854

Effect of particle presence on the incompressible inviscid flow through a two dimensional compressor cascade  
[ASME PAPER 83-GT-95] p 714 A83-47941

Compressor cascade performance deterioration caused by sand ingestion  
[NASA-CR-168067] p 190 N83-16286

### TABOLOV, M. U.

Investigation of flow past an aircraft wing section in flight and in a wind tunnel p 493 A83-37506

### TABRIZI, A. H.

'Scaling' analysis of the ice accretion process on aircraft surfaces  
[ASME PAPER 82-WA/HT-39] p 248 A83-25693

### TADA, Y.

Strength tests of CFRP joint assembly models for tailplane structure p 559 A83-40159

### TADGHIGHI, H.

A study of helicopter rotor noise, with special reference to tail rotors, using an acoustic wind tunnel p 367 A83-29403

### TAGIROV, R. K.

Supersonic flow field analysis for a twin-engine aircraft model p 493 A83-37521

### TAI, H.

Lifting surface theory for a helicopter rotor in forward flight  
[NASA-CR-169997] p 246 N83-19709

### TAILLET, J.

Atmospheric electricity and air transport safety  
[ONERA, TP NO 1982-82] p 181 A83-14534

A systematic characterization of the effects of atmospheric electricity on the operational conditions of aircraft  
[ONERA, TP NO 1983-59] p 719 A83-48180

### TAILLON, N. V.

Pressures measured in flight on the aft fuselage and external nozzle of a twin-jet fighter  
[NASA-TP-2017] p 424 N83-25665

### TAISSEIRE, R.

Generalities on the problems in integration for a propeller on an airframe - The particular case of a high-powered twin turboprop  
[AAAF PAPER NT 82-02] p 388 A83-33160

### TAKAGI, M.

Rotor vibration caused by external excitation and rub p 187 N83-15637

### TAKAHARA, K.

Development of high loading, high efficiency axial flow turbine p 749 N83-36399

### TAKAHASHI, S.

A study on the hydrogen-oxygen diffusion flame in high speed flow p 296 A83-26199

### TAKASAWA, K.

On the propulsion system of the NAL quiet STOL research aircraft p 446 A83-35831

### TAKASHIMA, K.

Flow quality of NAL two-dimensional transonic wind tunnel Part 1 Mach number distributions, flow angularities and preliminary study of side wall boundary layer suction  
[NAL-TR-693] p 179 N83-12043

A survey of the three-dimensional high Reynolds number transonic wind tunnel  
[NASA-TM-76931] p 400 N83-23324

### TAKATA, H.

Transactions of the Japan Society for Aeronautical and Space Sciences, Vol 25, No 68  
[ISSN-0549-3811] p 766 N83-36396

### TAKEL, T.

Robust model following systems p 220 A83-16146

### TAKESHIMA, K.

Development of high loading, high efficiency axial flow turbine p 749 N83-36399

### TAKEUCHI, D.

Experimental comparison of icing cloud instruments  
[AIAA PAPER 83-0026] p 585 A83-42099

### TAKEUCHI, D. M.

Comparison of modern icing cloud instruments  
[NASA-CR-168008] p 270 N83-18720

### TAKEUCHI, K.

Strength tests of CFRP joint assembly models for tailplane structure p 559 A83-40159

### TAKEUCHI, M.

Construction of an ice model basin at the Ship Research Institute of the Ministry of Transportation  
[NRC/CNR-TR-2066] p 631 N83-30436

### TALANTOV, A. V.

Methods for calculating the stabilization limits of a flame of inhomogeneous mixtures using a bluff body p 41 A83-11512

### TALBOT, P. D.

Effect of buoyancy and power design parameters on hybrid airship performance  
[AIAA PAPER 83-1976] p 521 A83-38907

A mathematical model of a single main rotor helicopter for piloted simulation  
[NASA-TM-84281] p 48 N83-10051

### TALLEY, R. L.

Correlation of flammability test data of antimisting fuels  
[FAA-CT-82-29] p 352 N83-22441

Correlation of flammability test data on antimisting fuels  
[AD-A127142] p 694 N83-34068

### TAM, C. K. W.

On the shock cell structure and noise of supersonic jets  
[AIAA PAPER 83-0703] p 306 A83-25923

Tone-excited jet Theory and experiments  
[NASA-CR-3538] p 222 N83-12968

### TAM, K.

Multisegment eddy current probe p 214 A83-15191

### TAMRAT, B.

Flight path/nose pointing - A required criterion in future fighter aircraft design  
[AIAA PAPER 83-2123] p 597 A83-41948

### TAMURA, A.

Numerical simulation of inviscid compressible flow through two-dimensional cascade by finite area method  
[NAL-TR-709] p 217 N83-12348

### TAN, C. S.

Effects of compressor hub treatment on stator stall margin and performance  
[AIAA PAPER 83-1352] p 475 A83-36354

Current problems in turbomachinery fluid dynamics  
[AD-A126478] p 747 N83-34949

## PERSONAL AUTHOR INDEX

## THOMPSON, D. H.

- TANAKA, T**  
An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 5 Some analyses of the post crash fire scenario  
[PB83-113555] p 251 N83-19730
- TANDON, V C**  
Gas turbine performance improvement by retrofit of advanced technology  
[ASME PAPER 83-GT 222] p 762 A83-48020
- TANG, W**  
Application of multiple model estimation to a recursive terrain height correlation system p 257 A83-26264
- TANG, Z. M**  
Numerical prediction of choking flutter of axial compressor blades  
[AIAA PAPER 83-0006] p 160 A83-16458
- TANIDA, Y**  
Vibration of airfoils in sinusoidal oblique gust  
[AIAA PAPER 83-0005] p 129 A83-16457
- TANJI, F T**  
Experimental investigation of a two-dimensional shock-turbulent boundary layer interaction with bleed  
[NASA-TM-83057] p 339 N83-22200
- TANNER, J A**  
Review of NASA antiskid braking research  
[SAE PAPER 821393] p 517 A83-37969  
Tire Modeling  
[NASA-CP-2264] p 359 N83-21391
- TANNER, S N**  
Analysis of missile response to gunfire environment  
p 384 A83-31495
- TANRIKUT, S**  
Development and operating characteristics of an advanced two-stage combustor p 535 A83-38022  
Energy efficient engine sector combustor rig test program  
[NASA-CR-167913] p 283 N83-19753
- TAPE, R F**  
Vectored exhaust systems for STOL tactical aircraft  
[ASME PAPER 83-GT-212] p 744 A83-48013
- TARAKANOVA, T D**  
Optimization of the oil-change period for aircraft systems and units p 296 A83-26922
- TARCZYNSKI, T**  
Hybrid LTA vehicle controllability as affected by buoyancy ratio  
[NASA-CR-152344] p 204 N83-12099
- TARUSHKIN, A G**  
Investigation of the parameters of a boundary layer before the inlet of a supersonic air intake mounted under the surface of a triangular plate p 494 A83-37533
- TASHKER, M**  
ARTS 2A design analysis  
[FAA-RD-82-54] p 187 N83-12064
- TAUBER, T**  
Full-flow debris monitoring and fine filtration for helicopter propulsion systems p 278 A83-24838
- TAVERNA, F**  
Advanced airfoil design for general aviation propellers  
[AIAA PAPER 83-1791] p 496 A83-38631
- TAVORA, C J**  
The remote link unit A demonstration of operational performance Part 3 Design manual, volume 1  
[AD-A124621] p 476 N83-25934  
The remote link unit A demonstration of operational performance Part 3 Design manual Volume 2 Appendices A - C  
[AD-A124622] p 476 N83-25935  
The remote link unit A demonstration of operational performance Part 2 User's manual  
[AD-A124620] p 476 N83-25938  
The remote link unit A demonstration of operational performance, part 1  
[AD-A124619] p 476 N83-25939
- TAYLOR, A H**  
An analytical comparison of two wing structures for Mach 5 cruise airplanes  
[AIAA 83-0974] p 329 A83-29806  
Pumped vortex  
[NASA-CASE LAR-12615-1] p 246 N83-19715
- TAYLOR, L. W, JR**  
An evaluation of aerodynamics modeling of spinning light airplanes  
[AIAA PAPER 83-0368] p 169 A83-17922  
Digital Instrumentation Analysis and Navigation System (DIANS) for system identification  
[AIAA PAPER 83-2091] p 609 A83-41922  
Estimation of parameters involved in high angle-of-attack aerodynamic theory using spin flight test data  
[AIAA PAPER 83-2086] p 627 A83-43809
- TAYLOR, R F**  
Automated design of damage resistant structures Volume 1 Theory and application  
[AD-A125731] p 527 N83-27982
- Automated design of damage resistant structures Volume 2 Program user's manual  
[AD-A125732] p 527 N83-27983
- TEAGUE, E. C**  
Surface finish measurement studies p 292 N83-18765
- TEAL, M**  
Improved interior emergency lighting study  
[DOT/FAA/CT-83/31] p 721 N83-36010
- TEDRICK, R N**  
Aircraft noise and the airport community  
[AIAA PAPER 83-1580] p 409 A83-33352
- TEICHMAN, L. A.**  
Advanced Materials Technology  
[NASA-CP-2251] p 210 N83-12147
- TEIGE, S H**  
Comparison of flight and wind tunnel buffeting measurements on the SAAB 105 aircraft p 604 N83-30369
- TELLER, C M**  
NDE of fastener hole cracks by the electric current perturbation method p 214 A83-15192  
Demonstration and analysis of an improved nondestructive evaluation (NDE) method for rotary wing head spindle threads  
[AD-A128741] p 712 N83-34890
- TELLEX, P A**  
CARS temperature and species measurements in augmented jet engine exhausts  
[AIAA PAPER 83-1294] p 455 A83-36328
- TENCH, W H**  
The Jovis overrun at Luton p 667 A83-44880
- TEODOROVIC, D B**  
Flight frequency determination p 668 A83-46776
- TEOTIA, A P S**  
A structural-ceramic research program A preliminary economic analysis  
[DE83-014263] p 766 N83-36499
- TEPERIN, L. L**  
Use of the panel method to calculate the distributed aerodynamic characteristics of a wing with pylon and nacelle at low speeds p 493 A83-37520
- TEREN, F**  
NASA propulsion controls research  
[NASA-TM-83343] p 458 N83-25711
- TERENTEV, E D**  
Hypersonic flow behind a lifting body p 577 A83-41206
- TERHASEBORG, J L**  
Detection and ranging of electric charged helicopters p 607 N83-31189  
Electric charging by impact of hailstones and raindrops p 649 N83-31231
- TERIAEV, E D**  
Development of adaptation and identification algorithms in adaptive digital aircraft control systems p 287 A83-26600
- TERRY, J E**  
The impact of strakes on a vortex-flapped delta wing  
[AIAA PAPER 83-1814] p 497 A83-38647  
Pressure investigation of NASA leading edge vortex flaps on a 60 deg Delta wing  
[NASA-CR-169984] p 244 N83-18672  
An experimental study of pressures on 60 deg Delta wings with leading edge vortex flaps  
[NASA-CR-172833] p 583 N83-31576
- TERWISSEN, G. A**  
Development of a structural, bird impact resistant, de-iced wing leading edge for the de Havilland Dash 8 aircraft using fibre-reinforced composites p 153 A83-18823
- TESCH, W A**  
Design and performance of a low aspect ratio, high tip speed multi-stage compressor  
[AIAA PAPER 83-1161] p 451 A83-36253
- TESLENKO, S F**  
On the formulation of the finite-element method in heat-conduction problems for aircraft structures p 556 A83-37515
- TESSITORE, F**  
Advances in methods for predicting store aerodynamic characteristics in proximity to an aircraft  
[AIAA PAPER 83-0266] p 133 A83-16622
- TESSITORE, F. A.**  
A new approach to weapon separation aerodynamics p 177 A83-13164
- TETLOW, R**  
Light aircraft and sailplane structures in reinforced plastics p 435 A83-36065
- TEVELDE, J**  
Thermal stability of alternative aircraft fuels  
[AIAA PAPER 83-1143] p 470 A83-36243  
A vortex venturi for reverting antimisting fuel properties  
[ASME PAPER 83-GT-137] p 741 A83-47964
- THAKUR, B N**  
Rapid runway repair program subtask 1 08 Concrete cutting equipment evaluation  
[AD-A127336] p 631 N83-30440
- THAREJA, R R**  
Chemical equilibrium laminar or turbulent three-dimensional viscous shock-layer flows p 715 A83-48133
- THELANDER, H. A.**  
Computer graphic presentation of conventional cockpit instruments  
[ARL/SYS-NOTE-82] p 197 N83-12082
- THIBERT, J J**  
Studies of aerofoils and blade tips for helicopters p 193 N83-17473
- THIBERT, J-J**  
Studies of aerofoils and blade tips for helicopters p 135 A83-17317
- THIBODEAUX, J J**  
Investigation of the effects of upstream sidewall boundary-layer removal on a supercritical airfoil  
[AIAA PAPER 83-0386] p 133 A83-16686  
Sensitivity analysis of cool-down strategies for a transonic cryogenic tunnel  
[NASA-TM-84527] p 56 N83-10082
- THIEL, E**  
Design and manufacture of a transonic wind tunnel model and the investigation of model components under cryogenic flow conditions in the European transonic wind tunnel  
[BMFT-FB-W-82-015] p 181 N83-13078
- THIELE, J R**  
Patterning techniques for inflatable LTA vehicles  
[AIAA PAPER 83-1983] p 522 A83-38911
- THIERY, J**  
The quality and control of precision castings for turbomachines p 179 N83-15446
- THOMA, A**  
Digital pressure sensor for altimeters, rate-of-climb and air speed indicators in aircrafts  
[BMFT-FB-W-82-033] p 391 N83-23304
- THOMAS, D. L**  
Computer based maintenance aids system Preliminary development and evaluation of a prototype  
[AD-A120627] p 187 N83-16281
- THOMAS, E K**  
Design, fabrication and test of an integrated Built-In-Test (BIT) control unit  
[AD-A127278] p 631 N83-30441
- THOMAS, H W**  
Use of aircraft-derived data to assist in ATC tracking systems II Some practical tracking filters p 24 A83-11557
- THOMAS, J L.**  
Navier Stokes calculations for the vortex wake of a rotor in hover  
[AIAA PAPER 83-1676] p 492 A83-37184
- THOMAS, L**  
High gain error actuated flight control systems for continuous linear multivariable plants  
[AD-A124871] p 462 N83-26848
- THOMAS, P D**  
Numerical generation of composite three dimensional grids by quasilinear elliptic systems p 569 A83-38804
- THOMAS, R W**  
The effect of loading rates, temperature and moisture on the fracture toughness of polycarbonate p 223 A83-20497
- THOMAS, S R**  
Expanded operational capabilities of the Langley Mach 7 Scramjet test facility  
[NASA-TP-2186] p 754 N83-36039
- THOMASON, S B**  
High angle of-attack cascade measurements and analysis p 419 A83-35875
- THOMASON, T**  
Military potential of TiltRotor aircraft p 318 A83-29969
- THOMPSON, W T, JR**  
Current problems in turbomachinery fluid dynamics  
[AD-A126478] p 747 N83-34949
- THOMPSON, W E**  
Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 2  
[DE82 903304] p 303 N83-20166
- THOMPSON, C E**  
Design and development of a mixer compound exhaust system p 274 A83-24029
- THOMPSON, D E**  
Strut or guide vane secondary flows and their effect on turbomachinery noise p 190 A83-18414
- THOMPSON, D H**  
A projected large low-speed wind tunnel to meet Australian requirements Aerodynamics note  
[AD-A118913] p 209 N83-13125

# THOMPSON, J.

- THOMPSON, J**  
Theoretical investigations of high lift aerodynamics  
[NASA-CR-169926] p 244 N83-18663
- THOMPSON, J. F**  
Numerical grid generation. Proceedings of the Symposium on Numerical Generation of Curvilinear Coordinate Systems and Their Use in the Numerical Solution of Partial Differential Equations, Nashville, TN, April 13-16, 1982 p 568 A83-38776
- THOMPSON, K. C.**  
An electromechanical primary flight control actuation system for military transport aircraft  
[AIAA PAPER 83-2195] p 620 A83-41680
- THOMPSON, W. E**  
Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 1  
[DE82-903116] p 303 N83-20165
- THOMSON, J. M**  
The electrical properties of carbon fibre composites  
p 227 N83-17618
- THOMSON, R. A**  
Investigation of crew restraint system biomechanics  
[AD-A126199] p 510 N83-29190
- THOMSON, R. G**  
Structural response of transport airplanes in crash situations  
[NASA-TM-85654] p 527 N83-27980
- THOMSON, W. G**  
Studies of light-twin wing-body interference  
[SAE PAPER 830709] p 580 A83-43319
- THORNE, R**  
A note on the estimation of longitudinal and lateral aircraft derivatives using semi-empirical methods  
[CAR-8312] p 679 N83-33878
- THORNTON, E. A.**  
Flutter A finite element program for aerodynamic instability analysis of general shells of revolution with thermal prestress  
[NASA-CR-170013] p 288 N83-19756
- THRASHER, S. R**  
Ceramic applications in turbine engines  
[NASA-CR-165494] p 771 N83-37028
- THRONDSO, L.**  
Combat survivability with advanced aircraft propulsion development  
p 28 A83-10179
- THURLOW, N. E**  
TF/TA by means of integrated FLIR and radar sensors  
p 36 A83-11240
- TIBBITTS, T. E**  
Technology upgrade to ALR-46 and ALR-69 radar warning receivers  
p 18 A83-11102
- TIBOR, R. J**  
Flight Management Systems III - Where are we going and will it be worth it?  
[AIAA PAPER 82-2237] p 622 A83-41714
- TIEFENBACHER, E**  
Ceramic components for high-temperature vehicular gas turbines - State of the art of the German ceramic program  
[ASME PAPER 83-GT-205] p 762 A83-48006
- TIEN, J. K**  
Effects of cobalt in nickel-base superalloys  
p 223 A83-21467  
The effects of small deformation on creep and stress rupture of ODS superalloys  
[AD-A125640] p 553 N83-28212  
Considerations of technology transfer barriers in the modification of strategic superalloys for aircraft turbine engines  
[NASA-TM-83395] p 554 N83-29360
- TIKHANINA, I. G**  
An algorithm of flight simulation on a dynamic stand of support type  
p 462 A83-34429
- TIKHONOV, N. T**  
Determination of the region of efficient use for microturbines with working medium recirculation  
p 273 A83-23440
- TILL, R. D**  
Fixed wing and rotary wing flight testing of Navstar GPS as a civilian navigation system  
p 199 A83-19777  
FAA helicopter NAVSTAR GPS flight testing  
p 323 A83-28788
- TILLMAN, E. S.**  
Cooling airflow studies at the leading edge of a film-cooled airfoil  
[ASME PAPER 83-GT-82] p 760 A83-47935
- TILLMAN, G. P**  
Vibration isolation system development for the FB-111 tail pod electronics  
p 150 A83-16932
- TIMMIS, P. H.**  
Performance evaluation of centrifugal compressor impellers using three-dimensional viscous flow calculations  
[ASME PAPER 83-GT-62] p 714 A83-47918

- TIMNAT, Y. M**  
Investigation of slurry fuel performance for use in a ramjet propulsor  
p 223 A83-21014
- TIMOFEYEV, M. T**  
A superelement analysis of stiffened shells  
p 202 A83-20392
- TINDELL, R. H**  
Potential benefits of a Full Authority Digital Electronic Control (FADEC) installed on a TF30 engine in an F14 flight test demonstrator aircraft  
p 543 N83-29269
- TINGAS, S. A.**  
Subsonic balance and pressure investigation of a 60 deg delta wing with leading edge devices  
[NASA-CR-165923] p 246 N83-19714
- TINGXIONG, Z.**  
A computational geometry method for blade space geometric design  
p 165 N83-15260
- TINLING, B. E**  
A mathematical model of a single main rotor helicopter for piloted simulation  
[NASA-TM-84281] p 48 N83-10051
- TINOCO, E. N**  
PAN AIR applications to aero-propulsion integration  
[AIAA PAPER 83-1368] p 421 A83-36364  
The impact of computational aerodynamics on aircraft design  
[AIAA PAPER 83-2060] p 596 A83-41901
- TIPNIS, V. A**  
Microeconomic models for process development  
p 472 A83-33650
- TIROSH, J**  
The effect of loading rates, temperature and moisture on the fracture toughness of polycarbonate  
p 223 A83-20497
- TISCHLER, M. B**  
Heavy-lift airship dynamics  
p 340 A83-29016  
Status of the development of handling criteria for VSTOL transition  
[AIAA PAPER 83-2103] p 624 A83-41932  
Flight dynamics analysis and simulation of heavy lift airships Volume 1 Executive summary  
[NASA-CR-166471-VOL-1] p 344 N83-22207  
Flight dynamics analysis and simulation of heavy lift airships Volume 2 Technical manual  
[NASA-CR-166471-VOL-2] p 344 N83-22208  
Flight dynamics analysis and simulation of heavy lift airships, volume 4 User's guide Appendices  
[NASA-CR-166471-VOL-4] p 344 N83-22210  
Flight dynamics analysis and simulation of heavy lift airships Volume 5 Programmer's manual  
[NASA-CR-166471-VOL-5] p 344 N83-22211
- TISDALE, G. E**  
Application of image understanding to automatic tactical target acquisition  
p 25 A83-12878
- TISHER, E. D**  
A NASTRAN model of a large flexible swing-wing bomber Volume 2 NASTRAN model development-horizontal stabilizer, vertical stabilizer and nacelle structures  
[NASA-CR-170392-VOL-2] p 154 N83-14108
- TITOV, V. M**  
The fundamental geometrical and aerodynamic characteristics of aircraft and rockets  
p 7 A83-10669
- TIWARI, S. N**  
Linearized potential solution for an airfoil in nonuniform parallel streams  
[NASA-CR-173047] p 665 N83-33843
- TJARDTS, J. P**  
NAVSTAR GPS - State of development and future of this global navigation system  
p 25 A83-13009
- TJONNELAND, E.**  
Prediction of turbulent flows - A Boeing view  
p 373 A83-30643  
Inlet, engine, airframe controls integration development for supercruising aircraft  
p 447 A83-35842  
Advancing electronic technology impact on integrated propulsion/airframe controls design and development  
[ASME PAPER 83-GT-161] p 725 A83-47985
- TOAZ, R**  
Application of digital image analysis techniques to antismoking fuel spray characterization  
[ASME PAPER 82-WA/HT-23] p 295 A83-25690
- TOAZ, R. D**  
Antismoking kerosene atomization and flammability  
[NASA-CR-169385] p 211 N83-12246
- TOBAK, M**  
On issues concerning flow separation and vortical flows in 3 dimensions  
[NASA-TM-84374] p 504 N83-27961
- TOBIAS, L.**  
Helicopter IFR approaches into major terminals using RNAV, MLS, and CDTI  
p 584 A83-41042  
Mixing 4D equipped and unequipped aircraft in the terminal area  
[AIAA PAPER 83-2240] p 591 A83-41717

# PERSONAL AUTHOR INDEX

- Time scheduling of a mix of 4D equipped and unequipped aircraft  
[NASA-TM-84327] p 250 N83-19721
- TODD, L. L**  
Fuel conservation evaluation of US Army helicopters Part 5 AH-1S slight testing  
[AD-A128532] p 608 N83-31601
- TODISCO, A**  
Single- and multiple-crater induced nosetip transition  
p 420 A83-36078
- TOENSKOETTER, H**  
Improved fault detection in the hot section of turbojet engines by individual monitoring procedures  
p 210 A83-19666
- TOEPEL, W**  
Radio-navigation prerequisites for IFR operation of regional airports and civil airfields  
p 512 A83-38932
- TOKAR, I. G**  
A study of the damping capacity of rods in a centrifugal force field  
p 695 A83-45322
- TOLLE, F. F**  
Evaluation of advanced airplane fire extinguishants  
[AIAA PAPER 83-1141] p 508 A83-38076  
Operational effects of increased freeze point fuels in military airplanes  
[AIAA PAPER 83-1139] p 550 A83-38077  
Performance tests of two inert gas generator concepts for airplane fuel tank inerting  
[AIAA PAPER 83-1140] p 519 A83-38078
- TOLLE, F. P**  
Fuel/engine/airframe trade off study Operational effects of increased freeze point fuels  
[AD-A121688] p 351 N83-21169
- TOLOKAN, R. P**  
Strain isolated ceramic coatings  
[ASME PAPER 83-GT-223] p 762 A83-48021
- TOLSTOSHEEV, M. N**  
Aeroacoustical characteristics of a mechanical noise suppressor in a nozzle configuration with a central tailcone  
p 222 A83-13590
- TOMASZEWICZ, P**  
Identification of certain dynamic characteristics of a helicopter-autopilot system by means of simulation  
p 216 A83-23222
- TOMLINSON, J. G**  
TF41/Lamillio accelerated mission test  
p 199 A83-15319
- TOMLINSON, N. P**  
Control characteristics of a buoyant quad-rotor research aircraft  
p 262 A83-24430
- TONG, W**  
Aerodynamic coefficient identification of time-varying aircraft system and its application  
p 10 N83-11044
- TONOMURA, Y**  
Development of high loading, high efficiency axial flow turbine  
p 749 N83-36399
- TOOLAN, W. K**  
Development and test of an integrated sensory system for advanced aircraft  
p 390 A83-30159
- TORAL, H**  
Temperature and composition measurements in a research gas turbine combustion chamber  
p 445 A83-35790
- TORENBEEK, E**  
Generalized maximum specific range performance  
p 439 A83-36918  
On the conceptual design of supersonic cruising aircraft with subsonic wing leading edges  
p 523 A83-38950
- TORISAKI, T**  
On the propulsion system of the NAL quiet STOL research aircraft  
p 446 A83-35831  
Powered lift aerodynamics of USB STOL aircraft  
[AIAA PAPER 83-1848] p 499 A83-38676  
An engine installation for fan jet STOL aircraft using USB powered high lift system (I) engine matching test for circular confluent exhaust duct  
[NAL-TR-703] p 200 N83-12086
- TORNOW, J. D**  
Oceanic Area System Improvement Study (OASIS) Volume 7 North Atlantic region flight cost model results  
[FAA-EM-81-17-VOL-7] p 201 N83-16319  
Oceanic Area System Improvement Study (OASIS) Volume 10 North Atlantic, Central East Pacific, and Caribbean regions aviation traffic forecasts  
[FAA-EM-81-17-VOL-10] p 201 N83-16322
- TORREY, W. L.**  
Undetectable critical defects in safety-of-flight structure  
p 641 A83-42544
- TOSCANO, G**  
NTF model concept for the X-29A Part 2 Design and fabrication concept  
p 291 N83-18757
- TOULMAY, F**  
Helicopter air inlets Design process, wind tunnel testing and correlations with flight data  
p 581 N83-30383

- TOULOUSE, P**  
Software aspects in certification of new European civil transport aircraft p 189 A83-17314  
Demonstration of an acceptable safety level for digital equipment on board civil transport aircraft p 251 N83-20188
- TOWNE, M C**  
PAN AIR modeling studies [AIAA PAPER 83-1830] p 498 A83-38660
- TOWNSEND, D P**  
Experimental and analytical determination of gear tooth temperatures with oil jet lubrication p 185 N83-15530  
NASA transmission research and its probable effects on helicopter transmission design [NASA TM-83389] p 408 N83-24858
- TOWNSEND, J C**  
Use of interactive graphics to analyze QUICK-geometry [NASA-TM-83234] p 364 N83-23048  
Use of interactive graphics to analyze QUICK-geometry Supplement [NASA TM-83234-SUPPL] p 365 N83-23049
- TRABER, H**  
Safety requirements and trends in the passenger aircraft cabin area [DGLR PAPER 82-043] p 247 A83-24167
- TRACKSDORF, P**  
Development trends regarding jet engines for future combat aircraft [DGLR PAPER 82-072] p 275 A83-24186
- TRAKHOV, E P**  
Aerodynamic drag in two-phase flows p 135 A83-17408
- TRAN, C T**  
Aeroelasticity of helicopter rotors in forward flight p 180 A83-17316
- TRANBARGER, O**  
Electrostatic voltage sensors for helicopter dischargers p 612 N83-31188
- FRANKLE, T L**  
Filtering flight data prior to aerodynamic system identification [AIAA PAPER 83-2098] p 597 A83-41928
- TRAPPMANN, K**  
Jet engines for airliners of the next generation [DGLR PAPER 82-069] p 274 A83-24183  
A new-technology gas generator for medium-power shaft turbine engines p 737 A83-47217  
Turbine tip clearance control in gas turbine engines p 541 N83-29254
- TRAUTH, R L**  
Use of pyrolysis-derived fuel in a gas turbine engine [ASME PAPER 83-GT-96] p 755 A83-47942
- TRAVAILLARD, N**  
A functionally reliable avionics systems p 272 N83-20196
- TRAVASSOS, R H**  
The MCP-100 - A turnkey system for implementing multivariable flight control laws p 34 A83-11101  
Integrated airframe/propulsion controls technology p 46 A83-11175
- TREBBLE, W J G**  
Propeller noise at model- and full-scale p 222 A83-15314
- TREECE, W D**  
Mid and high temperature rotor program for a 30 kW gas turbine generator set [AD-A129780] p 749 N83-36033
- TREFNY, C J**  
Low speed performance of a supersonic axisymmetric mixed compression inlet with auxiliary inlets [NASA TM-83435] p 536 N83-27992
- TRELA, W**  
Evaluation of ceramics for stator applications Gas turbine engines interim report Stator fabrication and evaluation [NASA-CR-168140] p 637 N83-30662
- TREMAINE, S A**  
Air Force Aeronautical Systems the 1990's - A major shift [AIAA PAPER 83-2433] p 711 A83-49576
- TREMBLEY, N**  
The FAA (Federal Aviation Administration) air traffic activity FY 1982 [AD-A128702] p 712 N83-34889
- TREMILLS, J A**  
A design synthesis model for ACV/SES lift systems p 486 A83-35057
- TREMPER, W**  
Instrument Landing Systems /ILS/ at GDR airports II p 253 A83-23495
- TRENKLE, F**  
The development of radio engineering p 180 A83-16898
- TREVETT, J C**  
Fleet planning models p 318 A83-29967
- TRIEBE, U**  
Ground tests for obtaining the airworthiness certificate for an automatic terrain-following system [DGLR PAPER 82-040] p 253 A83-24164
- TRINKS, H**  
Detection and ranging of electric charged helicopters p 607 N83-31189  
Electric charging by impact of hailstones and raindrops p 649 N83-31231
- TRIPLET, W E**  
Wind tunnel correlation study of aerodynamic modeling for F/A-18 wing-store tip-missile flutter [AIAA 83-1028] p 331 A83-29877
- TRIPPLETT, R J**  
High-speed floating-ring bearing test and analysis [ASLE PREPRINT 83-AM-3E-2] p 643 A83-43337
- TRIPPI, A**  
A study of the response of a turbojet engine to the inlet temperature transients p 448 A83-35849
- TRISCHKA, J W**  
Computer-enhanced analysis of a jet in a cross stream p 228 A83-19804
- TRISTRANT, D**  
Aspects of correlation in the identification of dynamic effects from complimentary techniques Evolution at high angles p 628 N83-30375
- TROEGER, R E**  
Tip cap for a rotor blade [NASA-CASE-LEW-13654-1] p 164 N83-14129
- TROSKY, B**  
Aircraft with reduced longitudinal stability [BMFT-FB-W-82-004] p 53 N83-11145
- TROST, T F**  
Laboratory modeling and analysis of aircraft-lightning interactions [NASA-CR 169455] p 15 N83-10023  
Some results and limitations of Prony analysis of in-flight lightning data p 646 N83-31178
- TROSTENIUK, I U I**  
A finite element study of the stress-strain state of the turbofan rotor of an aircraft gas-turbine engine p 274 A83-23515
- TROTH, D L**  
Multifuel evaluation of rich/quench/lean combustor p 59 A83-11492  
Fuel character effects on the TF41 engine combustion system p 391 A83-30190  
Multifuel evaluation of rich/quench/lean combustor [NASA-TM-82986] p 69 N83-10559
- TROUT, A M**  
Preliminary tests of an advanced high-temperature combustion system [NASA TP-2203] p 686 N83-33893
- TRUAX, R C**  
Liquid propellant rocket development by the U S Navy during World War II [IAF PAPER 83-298] p 755 A83-47333
- TRUBNIKOV, I U A**  
Selection of the optimal output parameters for the starting device of a double-shaft turbofan engine p 273 A83-23442
- TRUE, H C**  
Meteorological data requirements for fuel efficient flight p 565 A83-38760
- TRULSON, O C**  
The preparation and properties of mesophase pitch-based carbon fibers p 294 A83-23643
- TRUMBLE, K C**  
Video distribution requirements for future tactical aircraft p 21 A83-11182
- TRUNZO, R**  
Strut or guide vane secondary flows and their effect on turbomachinery noise p 190 A83-18414
- TSAG, Y H**  
Nonstationarity in acoustic fields p 769 A83-47628
- TSENG, W W**  
Application of the panel method to airships [AIAA PAPER 83-1978] p 502 A83-38909
- TSUCHIYA, T**  
Axial-compressor flow distortion with water ingestion [AIAA PAPER 83-0004] p 160 A83-16456  
Effect of humidity on jet engine axial-flow compressor performance p 448 A83-35856  
The WISGSK A computer code for the prediction of a multistage axial compressor performance with water ingestion [NASA-CR 3624] p 201 N83-12093  
Aerothermodynamics of axial-flow compressors with water ingestion p 504 N83-27953
- TSUI, J B Y**  
Operational sensitivity of EW receivers p 22 A83-11234
- TSUI, K**  
Computer control and activation of six-degree-of-freedom simulator [AD-A126126] p 549 N83-28010
- TSVETKOV, A I**  
The measurement of pressure pulsations by means of piezoelectric transducers p 640 A83-41891
- TSYBIZOV, I U I**  
Experimental investigation of a model of the internal exhaust gas mixer configuration of a turbofan engine in the reverse-thrust mode p 614 A83-42146
- TULEY, E N**  
Tip cap for a rotor blade [NASA-CASE-LEW-13654-1] p 164 N83-14129
- TUNG, C**  
Finite difference modeling of rotor flows including wake effects [ONERA, TP NO 1982-114] p 243 A83-24326  
Navier-Stokes calculations for the vortex wake of a rotor in hover [AIAA PAPER 83-1676] p 492 A83-37184
- TURK, M**  
Half model testing applied to wings above and below stall p 661 A83-46455
- TURNBERG, J E**  
Classical flutter stability of swept propellers [AIAA PAPER 83-0847] p 392 A83-32792
- TURNER, C D**  
Aeroelastic considerations for continuous patrol/high altitude surveillance platforms [AIAA 83-0924] p 329 A83-29850  
Laboratory modeling and analysis of aircraft-lightning interactions [NASA-CR-169455] p 15 N83-10023  
Subcritical flutter testing using the feedback system approach p 629 N83-30718  
Some results and limitations of Prony analysis of in-flight lightning data p 646 N83-31178
- TURNER, C T**  
Air bag impact attenuation system for the AQM-34V remote piloted vehicle p 29 A83-10188
- TURNER, E R**  
Prediction of stagnation flow heat transfer on turbomachinery airfoils [AIAA PAPER 83-1173] p 420 A83-36259
- TURNER, M R**  
Active control of near frequency coalescence flutter p 750 A83-49191
- TURNER, P S**  
ASAT - The U K's new turbo jet R P V p 601 A83-43707
- TURNER, G E**  
Supersonic STOV research aircraft [SAE PAPER 821375] p 517 A83-37965  
Study of LH2-fueled topping cycle engine for aircraft propulsion [NASA-TM-83466] p 746 N83-34942
- TURRIIZIANI, R V**  
Application of variable-sweep wings to commuter aircraft [NASA-CR-166067] p 265 N83-18713
- TURRILL, F H**  
Refining of military jet fuels from shale oil Part 3 Pilot plant sample preparation [AD-A128722] p 759 N83-36249
- TUSTIN, W**  
Low cost random vibration testing p 405 A83-31489
- TUTOR, W B**  
Optimizing tail size and wing location within loadability constraints [SAWE PAPER 1466] p 602 A83-43740
- TUTTLE, M H**  
Adaptive wall wind tunnels, a selected, annotated bibliography [NASA-TM-84526] p 174 N83-14138  
Magnetic suspension and balance systems, a selected, annotated bibliography [NASA-TM-84661] p 549 N83-29273
- TWISDALE, T R**  
Development of handling qualities testing in the 70's A new direction p 51 N83-10077
- TYBURN, J J**  
MPES update 1981 p 190 A83-15425
- TYLER, J**  
Airport noise Land-use compatibility by the year 2000 [PB82-259151] p 220 N83-16359
- TYMCZYNSKY, J J**  
Wake vortex attenuation flight tests - A status report p 30 A83-11806
- TYSELL, L G**  
The FFA wing body 83 computer program A panel method for determination of aeroelastic characteristics at subsonic and supersonic speeds [FFA-TN-1983-3] p 665 N83-32780

## U

## UCKERMANN, R

- Evaluation of an airborne terminal for a digital data link in aviation  
[DFVLR-FB-83-05] p 516 N83-29196

## UHLHORN, R W

- Fiber optic aircraft multiplex systems - Planning for the 1990s p 20 A83-11180

## UHUAD, G C

- Wind tunnel investigation of the transonic aerodynamic characteristics of forward swept wings p 190 A83-22153

## ULRICHS, P C

- Environmental quality research Fate of toxic jet fuel components in aquatic systems  
[AD-A122548] p 351 N83-21168

## UMANSKII, S. E.

- A software package for computing the three-dimensional stressed state of the blades of gas-turbine engines p 354 A83-28507

## UNDERWOOD, D I

- Fuel conservation evaluation of US Army helicopters Part 3 UH-1H flight testing  
[AD-A125667] p 527 N83-27985

## UNDERWOOD, J H

- Application of fracture mechanics for selection of metallic structural materials p 295 A83-25317

## UNFRIED, F E

- Assessment of advanced fighter powered approach simulations  
[AIAA PAPER 83-0141] p 168 A83-16550

## UNGER, A

- Theoretical stiffness matrix correction by using static test results p 229 A83-21007

## UNRUH, J F

- Procedure for evaluation of engine isolators for reduced structure-borne noise transmission p 199 A83-15320  
Specification, design, and test of aircraft engine isolators for reduced interior noise  
[AIAA PAPER 83-0718] p 279 A83-25932  
Design and test of aircraft engine isolators for reduced interior noise  
[NASA-CR-166021] p 190 A83-15042

## UNWIN, C L R

- The use of non-rigid airships for Maritime patrol in Canada  
[AIAA PAPER 83-1971] p 508 A83-38903

## UPADHYAY, T N

- Benefits of integrating GPS and Inertial Navigation Systems p 324 A83-29214

## UPADHYAYA, P C

- Cumulative damage and life-estimations in fatigue p 64 A83-12660  
On the damping effect of sloshing fluid on flexible rotor systems  
[ASME PAPER 82-DET-140] p 65 A83-12783

## UPHOFF, F

- Application of video multiplexing to design of cockpit display systems  
[AD-A122127] p 271 N83-19752

## UPTON, H W

- Investigation of advanced navigation and guidance system concepts for all-weather rotorcraft operations  
[NASA-CR 166274] p 26 N83-10029

## URBAN, C H

- Equivalency evaluation of firefighting agents and minimum requirements at US Air Force airfields  
[AD-A126443] p 198 N83-17524

## URBAN, L J

- Distributed micro-processor applications to guidance and control systems  
[AD-A119562] p 236 N83-18295

## URBAN, R F.

- Pilot-in-command A sociological analysis of general aviation accidents p 184 N83-13079

## URBANIK, T J

- Fiber-optic technology takes to the air p 140 A83-16867

## URLING, H. R.

- DC-9 Super 80 digital flight guidance system simulation techniques for certification p 141 A83-17305

## URNES, J M

- Integrated flight control systems development - The F/A-18A Automatic Carrier Landing System  
[AIAA PAPER 83-2162] p 623 A83-41765

## UVAROV, V A.

- Errors in the experimental determination of the parameters of supersonic combustion ramjet engines p 211 A83-22653

## V

## VACHULA, G M

- Polarization null characteristics of simple targets  
[AD-A129303] p 765 N83-36312

## VACZY, C M

- Measurements of the near wake of an airfoil in unsteady flow  
[AIAA PAPER 83-0127] p 131 A83-16540

## VADYAK, J

- A grid overlapping scheme for flowfield computations about multicomponent configurations p 581 A83-43443

## VAGNER, E T

- Lasers in aircraft construction p 472 A83-34170

## VAGNERS, J

- Development of 4-D time-controlled guidance laws using singular perturbation methodology p 512 A83-37149

## VAGT, J-D

- A wind tunnel for unsteady turbulent shear flows - Design and flow calculation p 218 A83-19664

## VAICAITIS, R

- Laboratory study of add-on treatments for interior noise control in light aircraft p 386 A83-32581  
Recent research on noise transmission into aircraft p 73 N83 10435

## VAIDYANATHAN, A. R

- A discretized asymptotic method for unsteady helicopter rotor airloads  
[AIAA 83-0989] p 313 A83-29867

## VAGNER, J

- Helicopter rotor loads using discretized matched asymptotic expansions  
[NASA-CR-166092] p 423 N83-25658

## VAGNER, J

- Helicopter rotor loads using matched asymptotic expansions User's manual  
[NASA-CR-166093] p 423 N83-25659

## VAIZAN, B

- An auxiliary passive microwave navigation system  
[ONERA, TP NO 1982-83] p 185 A83 14535

## VAKHROMEEV, A M

- The fatigue strength of compressor disks p 406 A83-32387

## VAKILI, A.

- Investigations on the effects of discrete wingtip jets  
[AIAA PAPER 83-0546] p 134 A83-16781

## VALDES, F A

- Implementation and integration of process planning  
[SAE PAPER 821424] p 557 A83-37981

## VALENTINE, T

- Radiation navigation techniques for weapon guidance p 20 A83-11141

## VALORI, R

- Ion implanting bearing surfaces for corrosion resistance  
[ASME PAPER 82-LUB 23] p 209 A83-13512

## VALORI, R

- Development of counter-rotating intershaft support bearing technology p 392 A83 32587

## VALORI, R

- High temperature (649 deg C/1200 deg F) coatings for gas-lubricated foil bearings of the Navy's advanced auxiliary power unit concepts p 185 N83-15538

## VALORI, R A

- Increasing the wear life of gas turbine engine roller bearings p 184 N83-15507

## VAN CAUWENBERGHE, A

- Self-tuning fly-by-wire control system p 287 A83-26603

## VAN DALSEM, W R

- Finite-difference simulation of transonic separated flow using a full potential boundary layer interaction approach  
[AIAA PAPER 83-1689] p 555 A83-37189

## VAN DAM, C P

- NASA aerial applications wake interaction research p 317 A83-28899  
NASA wake interactions research and applications  
[SAE PAPER 830764] p 580 A83-43329

## VAN DEN BOSCHE, P

- The use of coloured smoke to visualize secondary flows in a turbine blade cascade p 717 A83-49466

## VAN DEN BRAEMBUSSCHE, R

- Distinction between different types of impeller and diffuser rotating stall in a centrifugal compressor with vaneless diffuser  
[ASME PAPER 83-GT-61] p 714 A83-47917

## VAN DEN BROEK, G J

- Correction to the wing source velocity error in Woodward's USSAERO code p 423 A83 36920

## VAN DEN DAM, R F

- SAMID, an interactive system for the analysis and constrained minimization of induced drag of aircraft configurations  
[AIAA PAPER 83-0095] p 149 A83 16519

## VAN DER WAL, J C

- Hard limiter performance as a polarity detector for extremely polluted signals p 144 A83-19026

## VAN DIERENDONCK, A. J

- Applications of time transfer using Navstar GPS p 673 A83-46964

## VAN DITSUIZEN, J C A.

- Acoustic capabilities of the German-Dutch wind tunnel DNW  
[AIAA PAPER 83-0146] p 172 A83-16554

- Acoustic wave propagation through the shear layer of the DNW large open jet wind tunnel  
[AIAA PAPER 83-0699] p 306 A83-25919

## VAN FOSSEN, G J

- The feasibility of water injection into the turbine coolant to permit gas turbine contingency power for helicopter application  
[ASME PAPER 83-GT-66] p 536 A83-39993

## VAN VLIET, B W

- Assessment of advanced fighter powered approach simulations  
[AIAA PAPER 83-0141] p 168 A83-16550

## VAN WIJK, A. A.

- The legal status of the aircraft commander - Ups and downs of a controversial personality in international law p 708 A83-45842

## VAN WILLIGEN, D

- Hard limiter performance as a polarity detector for extremely polluted signals p 144 A83-19026

## VANBRONKHORST, A

- Testing of voice control device for aircraft avionics applications p 19 A83-11122

- Analysis of three hierarchical motion compensation systems for synthetic aperture radars p 23 A83-11242

## VANBUSSEL, G J W

- Aerodynamic research on Tipvane windturbines  
[PB83-147413] p 479 N83-27476

## VANCE, E F

- Allocation of protection p 588 N83-31240

## VANCE, E F

- Advanced manufacturing development of a composite empennage component for L-1011 aircraft Phase 2 Design and analysis  
[NASA-CR-165634] p 605 N83-30404

## VANDAM, C P

- The design integration of wingtip devices for light general aviation aircraft  
[NASA TM-83252] p 30 N83-10034

- Analysis of nonplanar wing-tip-mounted lifting surfaces on low-speed airplanes  
[NASA-CR-2684] p 424 N83-25667

## VANDERHOEVEN, W

- The effect of sheet thickness and laminating on the fatigue resistance of the aluminum alloy AL 7010 - T 73651  
[NLR TR 81056-U] p 403 N83-23421

## VANDERSPEK, G A

- Measuring target position with the FUCAS phased array radar system  
[PHL-1982-64] p 560 N83-28317

## VANDERVAART, J C

- Digital calculation of the propagation in time of the aircraft gust response covariance matrix  
[VTH-LR-266] p 48 N83 10053

## VANDERVELDE, R L

- The digital data acquisition system for the flight testing of the Fokker F29 aircraft  
[NLR-MP 81019-U] p 198 N83-13097

## VANDREUMEL, W H M

- Design, fabrication and testing of an advanced composite access door for use in a lower wing panel  
[VTH LR 335] p 61 N83-11251

## VANEK, V

- Contribution to centrifugal compressor impeller design p 448 A83-35865

## VANFOSSEN, G J

- Feasibility of water injection into the turbine coolant to permit gas turbine contingency power for helicopter application  
[NASA-TM-83043] p 166 N83-15307

## VANGOO, M F C

- Handling qualities of transports with advanced flight control systems p 49 N83 10061

## VANHAMERSVELD, J

- Advanced manufacturing development of a composite empennage component for L 1011 aircraft Phase 2 Design and analysis  
[NASA-CR-165634] p 605 N83-30404

## VANHOLLEN, T

- Aerodynamic research on Tipvane windturbines  
[PB83-147413] p 479 N83-27476

## VANKUIK, G A M

- Aerodynamic research on Tipvane windturbines  
[PB83-147413] p 479 N83 27476

## VANLANDINGHAM, H F

- Study of an automatic trajectory following control system  
[NASA-CR-166121] p 547 N83-29271

# PERSONAL AUTHOR INDEX

# VONDEREMBSE, J. F.

- VANLEEUWEN, S. S.**  
Transducer selection [NLR-MP-81028-U] p 198 N83-13099
- VANSCAIK, F. J.**  
Transducer selection [NLR-MP-81028-U] p 198 N83-13099
- VARADI, L.**  
Pre-planned product improvement /P3I/ the T64-GE-418 derivative engine p 276 A83-24826
- VARDE, K. S.**  
Hydrogen aspiration in a direct injection type diesel engine its effects on smoke and other engine performance parameters p 642 A83-42956
- VARHOLIC, M. C.**  
Contracts, grants and funding summary of supersonic cruise research and variable-cycle engine technology programs, 1972 - 1982 [NASA-TM-85650] p 666 N83-33848
- VARY, A.**  
Metal honeycomb to porous wireform substrate diffusion bond evaluation p 559 A83-39620
- VASILENKO, A. G.**  
The effect of liquid media on the strength of an aluminum-matrix composite p 209 A83-15394
- VATALARO, F.**  
A new technique for the precision DME of microwave landing system p 186 A83-16448  
An overview of a new integrated system for communication, navigation, and identification - The Joint Tactical Information Distribution System p 590 A83-41310
- VATSA, V. N.**  
Analysis of airfoil leading edge separation bubbles [NASA-CR-165935] p 9 N83-10018
- VAUCHERET, X.**  
Progress in wind tunnel test techniques and in the corrections and analysis of the results [ONERA, TP NO 1982-108] p 174 A83-18434  
Improving calculations of wall effects in industrial wind tunnels at ONERA p 348 N83-20968  
Wall interference correction improvements for the ONERA main wind tunnels [NASA-TM-76971] p 690 N83-33908
- VAUGHAN, J. M.**  
Airspeed and wind shear measurements with an airborne CO2 CW laser p 735 N83-34898
- VAUGHAN, O. H., JR.**  
Observations of optical lightning emissions from above thunderstorms using U-2 aircraft p 234 A83-22703
- VAUGHAN, R. F.**  
A prototype parallel computer architecture for advanced avionics applications p 70 A83-11153
- VAUNOIS, J. P.**  
The integration of internal combustion engines of the General Aviation - Problems raised by ventilation and exhaust [AAAF PAPER NT 82-16] p 393 A83-33167
- VELDMAN, R. J.**  
Handbook of Military Aircraft Design Normal Load Factor Exceedance Data [AD-A120870] p 267 N83-19743
- VELGER, M.**  
Cross-coupling between longitudinal and lateral aircraft dynamics in a spiral dive p 203 A83-15312
- VELKOFF, H. R.**  
Technical evaluation report on the Fluid Dynamics Panel Specialists' Meeting on Prediction of Aerodynamic Loads on Rotorcraft [AGARD-AR-189] p 426 N83-25682
- VELLIGAN, F. A.**  
The Aquila - A versatile, cost-effective military tool shows its potential p 192 A83-16399  
Extended uses of the Aquila RPV system p 601 A83-43716
- VENABLES, J. D.**  
Effect of moisture on adhesively bonded titanium structures p 222 A83-20442
- VENKATARAMAN, N. S.**  
Supersonic nozzle design for a low density wind tunnel [INPE-2753-PRE/329] p 631 N83-30437
- VENKATESAN, C.**  
Nonlinear flapping vibrations of rotating blades p 66 A83-13004
- VENKATRAYULU, N.**  
Effect of entry boundary layer thickness on secondary flows in an annular cascade of turbine nozzle and rotor blades p 419 A83-35668
- VERBRUGGE, R.**  
Correlation aspects in the identification of dynamic effects using complementary techniques flight in turbulence Gust alleviation p 628 N83-30374
- VERDI, J. S.**  
Future Navy data bus requirements - Modular approach for flexible evolution p 21 A83-11184
- VERET, C.**  
Flow visualization by light sheet [ONERA, TP NO 1983-105] p 764 A83-49416
- VERET, C. M.**  
Applications of flow visualization techniques in aerodynamics [ONERA, TP NO 1982-68] p 213 A83-14528
- VERGA, R. L.**  
Air Force technical objective document FY 1984 [AD-A123961] p 487 N83-26783
- VERKAMP, F. J.**  
Re-engineing applications of T56 derivative engines [SAE PAPER 821444] p 518 A83-37992
- VERRIERE, J.**  
X-wire sounding in an air inlet at high angle of attack [AAAF PAPER NT 81-15] p 8 A83-11775
- VERSAW, E. F.**  
Assessment of crash fire hazard of LH sub 2 fueled aircraft [NASA-CR-165525] p 16 N83-11095
- VESELIANSKAIA, V. M.**  
The effect of additive compositions on the oxidation stability of T-8 fuel p 58 A83-10458
- VEST, C. M.**  
Computer tomography of flows external to test models [NASA-CR-169521] p 221 N83-13835
- VETSCH, G. J.**  
Integrated control techniques p 567 A83-37102
- VETTER, J. E.**  
An analysis of the fatality rate data from 'jettison-canopy' and 'through-the-canopy' ejections from automated airborne escape systems p 182 A83-15403
- VETTES, B.**  
Studies on an acceleration platform and at the time of a simulated crash of helicopter antirash seats p 197 A83-22976  
Evaluation of the efficiency of helicopter antirash seats using a horizontal acceleration bench and a simulated crash p 250 N83-19444
- VICROY, D. D.**  
Description of the computations and pilot procedures for planning fuel-conservative descents with a small programmable calculator [NASA-TM-85642] p 444 N83-25707
- VIHWEGER, G.**  
Status report on the European Transonic Wind Tunnel and on the Cologne Cryotunnel p 752 A83-47207
- VIERBACHER, H.**  
Central operating and display unit for avionics systems p 722 A83-47183
- VIGEVANO, L.**  
Strike-wing-body combinations p 264 N83-18696
- VIGNEVIC, N. P.**  
CTOL, STOAL, V/STOL - An operational companion for forward deployed CVNs p 196 A83-22157
- VIJAYASUNDARAM, G.**  
Transonic Euler simulations by means of finite element explicit schemes [AIAA PAPER 83-1924] p 503 A83-39378
- VIKTOROV, B. V.**  
Using adaptive control to synthesize invariant and partially autonomous automatic stabilization systems p 460 A83-33900
- VILCANS, J.**  
Differential operation of NAVSTAR GPS p 673 A83-46968
- VILIAKIN, V. E.**  
A method for ensuring the proper operation of an optical instrument for measuring the temperature of the blades of a high-temperature turbine p 609 A83-42152
- VINCENT, R. L.**  
Fuel conservation evaluation of US Army helicopters Part 5 AH-1S slight testing [AD-A128532] p 608 N83-31601
- VINCENTI, E.**  
Instrument-approach technique for poor-visibility landings p 590 A83-41228
- VINOGRADOV, V. A.**  
Application of numerical methods to the calculation of the characteristics of supersonic and hypersonic jet-engine air intakes p 494 A83-37532  
Computational study of an unregulated air intake of a hypersonic ramjet engine with three-dimensional deceleration of the flow at freestream Mach numbers of 5-7 p 494 A83-37559
- VISHNIAKOVA, T. P.**  
The effect of products based on higher fatty acids on the performance characteristics of jet fuels p 468 A83-34500
- VISSER, J. M. P. C. M.**  
Interfacing the ROLM 1602B for the Metro navigation system [NLR-MP-81062-U] p 674 N83-32786
- VISWANATHAN, S. P.**  
Analytical and experimental investigation of a beamless hub-absorber p 594 A83-41077
- VITKOVSKAIA, O. N.**  
On the simulation of the hypervelocity regime of flow past bodies in wind tunnels p 312 A83-27714
- VITTAL, B. V. R.**  
High temperature erosion study of INCO 600 metal p 468 A83-35247
- VIZZINI, R. W.**  
Integrated propulsion-aircraft control evaluation for a current Navy fighter [AIAA PAPER 83-1236] p 453 A83-36299  
Full Authority Digital Electronic Control (FADEC) - Augmented fighter engine demonstration [SAE PAPER 821371] p 532 A83-37963  
F-14 aircraft and propulsion control integration evaluation [ASME PAPER 83-GT-234] p 744 A83-48028  
Potential benefits of a Full Authority Digital Electronic Control (FADEC) installed on a TF30 engine in an F14 flight test demonstrator aircraft p 543 N83-29269
- VLASOV, E. V.**  
Method for calculating jet noise in the presence of a shielding surface p 570 A83-37253
- VLEGHERT, J. P. K.**  
Instrumentation for gas turbines [NLR-MP-81016-U] p 203 N83-13108  
Detonation in service of engine transient behaviour p 542 N83-29256
- VOELCKERS, U.**  
The COMPAS system for more efficient approach traffic p 513 A83-39345
- VOELTZEL, J.**  
The quality and control of precision castings for turbomachines p 179 N83-15446
- VOGE, V.**  
The United States Navy's injury experience in aircraft mishaps p 184 A83-15441
- VOGEL, R. E.**  
TF41/Lamilo accelerated mission test p 199 A83-15319  
Fuel character effects on the TF41 engine combustion system p 391 A83-30190  
Effect of fuel composition on Navy aircraft engine hot section components [AIAA PAPER 83-1147] p 450 A83-36244
- VOGT, G. L.**  
Water tunnel construction for continuous mode flow visualization [AIAA PAPER 83-0657] p 172 A83-16821
- VOISIN, N.**  
Results of a quality principle on the MTBF of an equipment developed for the A-300 p 304 N83-20212
- VOLK, H. F.**  
The preparation and properties of mesophase pitch-based carbon fibers p 294 A83-23643
- VOLMIR, A. S.**  
The dynamics of a helicopter rotor structure p 523 A83-39485
- VOLOSHCHENKO, O. V.**  
The effect of the nonuniformity of supersonic flow with shocks on friction and heat transfer in the channel of a hypersonic ramjet engine p 211 A83-22654
- VOLOSHIN, S. A.**  
An experimental study of an annular film-evaporation combustion chamber in a low-power gas turbine engine p 273 A83-23443
- VOLOV, V. T.**  
A method for ensuring the proper operation of an optical instrument for measuring the temperature of the blades of a high-temperature turbine p 609 A83-42152
- VOLOV, I. U. N.**  
Comparative analysis of the efficiency of practical realizations of the Kalman algorithm p 735 A83-48518
- VON BOKERN, G. J.**  
In-flight lightning data measurement system for fleet application - Flight test results p 29 A83-11087
- VON RETH, R. D.**  
Studies and designs for a new helicopter cockpit p 725 A83-47210
- VON TEIN, V.**  
Technology transfer from the aircraft sector to other sectors as exemplified by helicopter technology p 709 A83-47190
- VONADA, J. A.**  
Gas turbine engine cascade wind tunnel with automatic data acquisition and control p 630 A83-42563
- VONCHAM, H. J. P.**  
Proceedings Ejector Workshop for Aerospace Applications [AD-A124264] p 395 N83-24510
- VONDEREMBSE, J. F.**  
Low power, air-cooled DC-Link aircraft generation systems p 336 A83-27324

# VONGLAHN, U.

- VONGLAHN, U.**  
Correlation of core noise obtained by three signal coherence techniques [NASA-TM-83012] p 222 N83-12966
- VONGROOTE, H**  
Software development Design and reality p 363 N83-22114
- VONNEGUT, B**  
Observations of optical lightning emissions from above thunderstorms using U-2 aircraft p 234 A83-22703
- VONPRAGENAU, G. L.**  
Damping seal for turbomachinery [NASA-CASE-MFS-25842-1] p 477 N83-26080
- VONSARNOWSKI, M**  
The Open Loop Gust Alleviation system OLGA [BMFT-FB-W-82-030] p 397 N83-23319
- VONUSA, R. S.**  
General review of military applications of voice processing p 701 N83-34180
- VOROBIEV, N. F.**  
Problems concerning supersonic flow past bodies of prismatic configurations p 179 A83-16394  
Calculation of subsonic flow past rectangular wings and their combinations on the basis of a discrete vortex scheme p 418 A83-35541
- VOROBIEV, V. F.**  
Analytical control of the shape of the polygons used in the finite-element method p 557 A83-37644
- VORONIN, V. I.**  
The aerodynamic characteristics of caret wings at subsonic flight speeds p 243 A83-24241
- VORONKIN, N. F.**  
A study of the corrosion activity of the fuselage condensate of passenger aircraft p 190 A83-15398
- VOROTNIKOV, P. P.**  
Calculation of a turbulent boundary layer of an incompressible fluid over swept wings of large aspect ratios p 495 A83-37803
- VORROPOULOS, G.**  
Preliminary results of LDV surveys in the compressible leading edge vortex of a delta wing [VKI-TN-137] p 376 N83-23278
- VOSS, R.**  
Investigation of the unsteady airloads on airfoils with oscillating control in sub- and transonic flows p 717 A83-49180
- VOSTATEK, P.**  
Investigation methods on residual stresses in aero engines components p 449 A83-35879
- VOUILLARMET, A.**  
Comparison between probe and laser measurements at the outlet of a centrifugal impeller p 299 A83-26418
- VOVNIANKO, A. G.**  
The effect of anisotropy, thickness, and operating time on the crack growth in pressed and rolled products of D16chT and V95pcht1 alloys p 350 A83-28478  
The residual strength of prefabricated structures made of pressed panels of D16chT alloy and its modifications p 406 A83-32075
- VRANOS, A.**  
Experimental study of the thermal stability of hydrocarbon fuels [NASA-CR-168027] p 228 N83-17728
- VU, B. D.**  
Nonlinear control law for piloting aircraft in the air-to-ground attack phase [ONERA, TP NO 1983-37] p 687 A83-44315
- VUILLET**  
Methods used at Aerospatiale for calculating the loads on a rotor and experimental cross checks p 194 N83-17486
- VUILLET, A.**  
The fenestron on a helicopter [AAAF PAPER NT 82-18] p 388 A83-33169
- VUKELICH, S. R.**  
Missile Datcom status report - Body and fin alone methodology [AIAA PAPER 83-0181] p 132 A83-16574
- VUKOBRATOVIC, M. K.**  
One new method of dynamic flight control p 568 A83-37447

# W

- WAARAMAA, J. B.**  
Measuring the antenna pattern of the HF heater antenna in Puerto Rico [AD-A119963] p 186 N83-15558
- WACHEL, J. C.**  
Rotordynamic instability field problems p 186 N83-15630
- WACHTER, J.**  
Vibration analysis of radial compressor impellers [ASME PAPER 83-GT-156] p 761 A83-47982

- WADA, I.**  
Review of shock tube and shock tunnel advancements at NAL p 290 A83-26127
- WADDELL, J. L.**  
Evaluation of the performance and flow in an axial compressor [AD-A125619] p 561 N83-28387
- WADOUPS, M. E.**  
AFTI/F-16 technology demonstrator [AIAA PAPER 83-1059] p 439 A83-36474
- WADIA, A. R.**  
Numerical calculations of time dependent three-dimensional viscous flows in a blade passage with tip clearance [AIAA PAPER 83-1171] p 420 A83-36258
- WAECHTER, K.**  
Improvement of the measurement system for the survey of class-II ILS installations p 670 A83-45401
- WAGENKNECHT, C. D.**  
Development of a turbojet engine simulator for scale model wind tunnel testing of multi-mission aircraft p 447 A83-35848  
Performance capability of a Compact Multimission Aircraft Propulsion Simulator [AIAA PAPER 83-1358] p 464 A83-36356
- WAGENMAKERS, J. H.**  
The airline facing the present crisis p 320 N83-22180
- WAGGONER, C. A.**  
Detection and diagnosis of bearing deterioration in aircraft propulsion systems by wear debris analysis p 184 N83-15506
- WAGGONER, E. G.**  
Computational analysis for an advanced transport configuration with engine nacelle [AIAA PAPER 83-1851] p 521 A83-38679
- WAGHORNE, R.**  
Effects of amplitude of oscillation on the wear of dry bearings containing PTFE [ASME PAPER 81-LUB-6] p 64 A83-11942
- WAGNER, B.**  
Estimation of simulation errors and investigations of operating range extensions for the European Transonic Wind tunnel (ETW) [BMFT-FB-W-82-003] p 58 N83-11152
- WAGNER, E. C.**  
Fire resistant aircraft hydraulic system [AD-A118169] p 33 N83-11118
- WAGNER, J. F.**  
Macroencapsulation of electronic circuits p 354 A83-29215
- WAGNER, J. F., III.**  
Benefits of mission profile testing p 405 A83-31481
- WAGNER, J. H.**  
Axial compressor middle stage secondary flow study [NASA-CR-3701] p 505 N83-29174
- WAGNER, R. D.**  
Developments in the NASA transport aircraft laminar flow program [AIAA PAPER 83-0090] p 130 A83-16514  
A flight test of laminar flow control leading-edge systems [AIAA PAPER 83-2508] p 727 A83-48356
- WAGNER, S.**  
Publication on the occasion of the 65th birthday of Prof Dr.-Ing Erich Truelsenbrodt, Scientific Colloquium, Technische Universität München, Munich, West Germany, February 1, 1982, Reports p 697 A83-46482
- WAGNER, S. N.**  
Determination of the suction-force distribution and its effect on the aerodynamic design of a wing for supersonic flow p 661 A83-46495
- WAGNER, V.**  
Consideration on the fatigue damage of specimens used for composite critical components qualification p 697 A83-46307
- WAGNER, W.**  
The Open Loop Gust Alleviation system OLGA [BMFT-FB-W-82-030] p 397 N83-23319
- WALCHER, J. C.**  
Titanium fan disc Structural Life Prediction/Correlation program [SAE PAPER 821437] p 557 A83-37985
- WALDMAN, D.**  
Modern digital air-data computer p 734 A83-47186
- WALDMAN, H.**  
Process planning at Sikorsky p 695 A83-44872
- WALKDEN, F.**  
Pressure distribution on a simple delta wing p 8 A83-13023
- WALKER, A. C.**  
Canadian forces tracker aircraft full-scale fatigue test at the National Aeronautical Establishment p 433 A83-33548

# PERSONAL AUTHOR INDEX

- WALKER, B. K.**  
A new approach to fault-tolerant helicopter swashplate control [AIAA PAPER 83-2485] p 750 A83-48345
- WALKER, F.**  
Design of the Eastern Air Lines plating shop p 689 A83-45866
- WALKER, J.**  
Air transportable AS32/P-4 crash rescue vehicle [AD-A128068] p 669 N83-33864
- WALKER, K. E.**  
Suppression of ice fog from the Fort Wainwright, Alaska, cooling pond [AD-A123069] p 409 N83-24073
- WALKER, P. H.**  
Emissions variability and traversing on production RB211 engines [ASME PAPER 83-GT-141] p 741 A83-47966
- WALKER, R.**  
Flight test trajectory control analysis [NASA-CR-170395] p 288 N83-18744
- WALKER, R. A.**  
Robust fault detection, isolation, and accommodation to support integrated aircraft control [AIAA PAPER 83-2161] p 619 A83-41661  
Algorithms for real-time flutter identification [AIAA PAPER 83-2223] p 640 A83-41703
- WALL, D. J.**  
Thermal properties of some asphaltic concrete mixes [AIAA PAPER 83-1598] p 399 A83-33361
- WALL, J. E., JR.**  
Advanced flight control system study [NASA-CR-163117] p 205 N83-13113
- WALLENBERG, R. A.**  
Composite material aircraft electromagnetic properties and design guidelines [AD-A124016] p 470 N83-25795
- WALLENBERG, R. F.**  
Modelling of direct-strike lightning coupling by a transfer function technique p 612 N83-31177  
The effects of new technology trends on aircraft lightning vulnerability and the capability to identify technology deficiencies p 586 N83-31207
- WALLER, L. H.**  
Gunnison County airport terminal [DE83-004512] p 401 N83-23332
- WALLIN, A.**  
Simulation program of rotary wings [FOA-C-30308-E1] p 443 N83-26836
- WALLWORK, G. R.**  
Alloy design for hot corrosion resistance p 757 A83-49482
- WALSH, E. D.**  
Measurement of helium gas transmission through aerostat material [AIAA PAPER 83-1986] p 551 A83-38913
- WALSH, M. J.**  
Research on non-planar wall geometries for turbulence control and skin-friction reduction p 374 A83-31975
- WALSH, S. K.**  
An efficient fully implicit simulator [CSS-126] p 176 N83-15322
- WALTERS, M. M.**  
A method for estimating the propulsion induced aerodynamic characteristics of STOL aircraft in ground effect [AIAA PAPER 83-0169] p 149 A83-16567  
Development and validation of the V/STOL aerodynamics and stability and control manual p 312 A83-29020  
Characteristics of the ground vortex developed by various V/STOL jets at forward speeds [AIAA PAPER 83-2494] p 717 A83-49585
- WALTERS, P. T.**  
A separator for obtaining samples of cloud water in aircraft p 640 A83-41983
- WALTHER, E. G.**  
Assessment of crash fire hazard of LH sub 2 fueled aircraft [NASA-CR-165525] p 16 N83-11095
- WALTON, J.**  
Power turbine dynamics - An evaluation of a shear-mounted elastomeric damper [ASME PAPER 83-GT-228] p 763 A83-48025
- WALTZ, D. L.**  
An expert distributed robotics system with comprehension and learning abilities in the aircraft flight domain [AD-A127739] p 652 N83-32401
- WALZER, P.**  
Ceramic components for high-temperature vehicular gas turbines - State of the art of the German ceramic program [ASME PAPER 83-GT-205] p 762 A83-48006



- WANG, B. P.**  
Helicopter vibration reduction by local structural modification p 215 A83-16028  
Optimal passive frequency response control of helicopters by added structures p 526 N83-27976
- WANG, D. Y.**  
A study of small crack growth under transport spectrum loading p 701 N83-34108
- WANG, H.**  
Aerodynamic characteristics of maneuvering flaps p 8 N83-10004
- WANG, J. Y.**  
On the fail-safe characteristics of stiffened panels [DFVLR-FB-83-08] p 562 N83-28501
- WANG, J.-H.**  
Experimental research of the mechanism of flame stabilization in two phase mixture p 469 A83-35822
- WANG, K. Y.**  
Oceanic Area System Improvement Study (OASIS) Volume 9 Flight cost model description [FAA-EM-81-17-VOL-9] p 201 N83-16321
- WANG, M.**  
Near and far field airborne antenna pattern analysis p 143 A83-18645  
Near field analysis of airborne antenna [AD-A127248] p 648 N83-31931
- WANG, R.**  
Optimal design of a baro/radio supported inertial altitude system [DGLR PAPER 82-041] p 269 A83-24165
- WANG, S.**  
Application of laser holographic interferometry to vibration analysis of aircraft beam structure model p 300 A83-26765
- WANG, S.-S.**  
Design, fabrication and test of a composite elevator p 695 A83-44046
- WANG, Y.**  
A new method of boundary layer correction in the design of supersonic wind tunnel nozzle p 659 A83-44561
- WANG, Y. C.**  
Radio navigation and airplane navigation [AD-A120595] p 202 N83-16325
- WANG, Y. S.**  
Theoretical and experimental evaluation of transmission loss of cylinders p 237 A83-19808  
Direct measurement of transmission loss of aircraft structures using the acoustic intensity approach p 327 A83-28185
- WANGBERG, K. G.**  
Design, manufacture and test of graphite composite wing box test structure p 525 A83-40291
- WANNILL, R. J. H.**  
Fatigue threshold and short crack significance for aircraft [NLR-MP-82007-U] p 234 N83-17902  
Creep and fatigue interactions in a nickel base superalloy [NLR-MP-82003-U] p 234 N83-17903
- WANNER, J. C.**  
Flying and design of aircraft [RAE-TRANS-2070] p 205 N83-16326
- WANSTALL, B.**  
ACA-ECA or pipedream, Industry needs it - but who will pay p 30 A83-13017  
Battlefield surveillance RPVs bring it 'live' p 371 A83-30075  
AM-X - The export challenger with a foot in two continents p 385 A83-31940
- WARD, C. R.**  
The application of sub-optimal control methods to adaptive antennas for airborne communication systems p 143 A83-18632
- WARD, G. A.**  
Development of terrain-following displays for the tornado aircraft p 680 A83-44687
- WARD, J. W.**  
Application of software design standards to commercial aircraft equipment p 141 A83-17312
- WARD, L. R.**  
Evaluation of new Iroquois torqueometer PN 73-30-1 [AD-A117747] p 38 N83-10042  
Evaluation of Iroquois UH-1B stability and control [AD-A122302] p 289 N83-19760
- WARD, P.**  
An advanced single-channel NAVSTAR GPS multiplex receiver with up to eight pseudochannels p 324 A83-29213
- WARD, R. N.**  
U.S. Army helicopter icing developments [SAE PAPER 821504] p 508 A83-38011  
Limited artificial and natural icing test of the OV 10 (re-evaluation) [AD-A127191] p 606 N83-30410
- WARE, G. M.**  
Remotely driven model control surfaces for efficient wind-tunnel operations [AIAA PAPER 83-0148] p 172 A83-16556
- WARE, W. H.**  
Avionics software Where are we? [RAND/P-6786] p 159 N83-15303
- WARINNER, D. K.**  
Inertia effects of the dynamics of a disk levitated by incompressible laminar fluid flow [ASME PAPER 83-GT-149] p 761 A83-47968
- WARK, C. E.**  
Influence of a large free stream disturbance level on dynamics of a jet in a cross flow p 562 N83-29217
- WARMBRODT, W.**  
Dynamic characteristics of the 40-by-80-/80-by-120-foot wind tunnel drive fan blades [AIAA 83-0918] p 346 A83-29846  
Measured inplane stability characteristics in hover for an advanced bearingless rotor [AIAA 83-0987] p 330 A83-29865  
Identification of helicopter rotor dynamic models [AIAA 83-0988] p 330 A83-29866
- WARNER, D. E.**  
Full-authority fault-tolerant electronic engine control system for variable cycle engines [AD-A121746] p 359 N83-21357
- WARNER, J. S.**  
Analytical techniques for aromatic components in aircraft fuels [AD-A118838] p 211 N83-12252
- WARNOCK, W. E.**  
Advanced propfan testbed 'A progress report' [SAWE PAPER 1453] p 616 A83-43735
- WARREN, B.**  
USAF ground fiber optic development program p 228 A83-19711
- WARRICK, J. C.**  
Development of a variable-load energy absorber p 248 A83-25896
- WARTENBERG, S.**  
Boeing Vertol - The leading edge of technology p 372 A83-33095  
Kaman's new directions p 657 A83-46925
- WARWICK, G.**  
Blackjack - Soviet B-1 or better p 192 A83-16373  
Military propulsion technology I - Fighter power - The need for tomorrow p 162 A83-18948  
Military propulsion technology III - Materials are the key p 177 A83-18950  
GE's APG-67 - Fighter radar with a future p 432 A83-36625  
US fighter options p 526 A83-40665
- WARWICK, T.**  
Setting design goals for advanced propulsion systems [AIAA PAPER 81-1505] p 211 A83-22154
- WASHBURN, F. F.**  
Application of variable-sweep wings to commuter aircraft [NASA-CR-166067] p 265 N83-18713
- WASKIEWICZ, J. D.**  
A new approach to weapon separation aerodynamics p 177 A83-13164
- WASKY, R. P.**  
A ray tracing computer analysis program /RAYCAP/ for airborne surveillance radar applications p 23 A83-11243
- WASSERBAUER, C. A.**  
Cross spectra between temperature and pressure in a constant area duct downstream of a combustor [AIAA PAPER 83-0762] p 481 A83-33487  
JT150 1/2-scale nozzle jet noise experiment and comparison with prediction [NASA-TM-83370] p 482 N83-27793
- WASSERBAUER, J. F.**  
Low speed performance of a supersonic axisymmetric mixed compression inlet with auxiliary inlets [NASA-TM-83435] p 536 N83-27992
- WASSERSTROM, E.**  
Numerical calculations of nonlinear aerodynamics of wing-body configurations p 189 A83-21022  
Numerical calculation of nonlinear aerodynamics of wing-body configurations p 420 A83-36076
- WASSON, R. L.**  
Human factors in the application of large screen electronic displays to transport flight station design p 269 A83-26312
- WAT, J.**  
Frictional characteristics and heat transfer of antimisting fuels in tubes [NASA-CR-169388] p 211 N83-12248
- WATANABE, A.**  
General purpose flight simulation program (FSPK-1) Part 1 Contents of the program [NAL-TR-702] p 207 N83-17529
- Real time digital integration and integral step size for flight control and flight simulation [NAL-TR-743] p 397 N83-24514
- WATANABE, K.**  
Numerical calculations for performances of propellers in a static-state by vortex theory accounting of slipstream deformation and their comparisons with experiments p 189 A83-22072
- WATERS, C.**  
Transonic flutter model study of a supercritical wing and winglet p 640 A83-41048
- WATERS, G. R.**  
Unaided tactical guidance flight test results p 20 A83-11140
- WATERS, M. H.**  
Computer programs for generation and evaluation of near-optimum vertical flight profiles [NASA-CR-3688] p 389 N83-24500
- WATLER, J. F., JR.**  
The maneuvering flight path display - An update p 196 A83-16130
- WATSON, J. J.**  
Transonic pressure distributions on a rectangular supercritical wing oscillating in pitch [AIAA 83-0923] p 313 A83-29849  
Evaluation of four subcritical response methods for on-line prediction of flutter onset in wind tunnel tests p 753 A83-48212
- WATT, G. D.**  
On the application of linearized theory to multi-element aerofoils I - Tandem flat plate aerofoils p 312 A83-27874
- WATTERS, K. C.**  
Special finite elements for sheets with loaded circular holes [ARL/STRUC-REPT 392] p 360 N83-22625
- WATTON, R.**  
Pyroelectric IR imaging sensors - The potential for compact inexpensive RPV payloads p 609 A83-43712
- WATWE, U.**  
Microeconomic models for process development p 472 A83-33650
- WAUGH, K. C.**  
Advanced fighter technology integrator /AFTI/ F-16 display mechanization p 196 A83-16132
- WAY, P.**  
Development of closed loop roll control for magnetic balance systems [NASA-CR-166017] p 208 N83-13122
- WAYMIRE, S. L.**  
Global telecommunications needs for the long duration balloon environment p 513 A83-39810
- WAZELT, F.**  
Propulsion and energetics panel working group 14 on suitable averaging techniques in nonuniform internal flows [AGARD-AR-182(ENG)] p 748 N83-34953
- WEAR, J. D.**  
Preliminary tests of an advanced high-temperature combustion system [NASA-TP-2203] p 686 N83-33893
- WEATHERILL, W. H.**  
A three degree-of-freedom, typical section flutter analysis using harmonic transonic air forces [AIAA PAPER 83-0960] p 406 A83-32797
- WEAVER, P. M.**  
A wind tunnel study of the effects of a close-coupled canard on the aerodynamic characteristics of a forward-swept wing in incompressible flow [AD-A124722] p 425 N83-25673
- WEBB, A. H.**  
A separator for obtaining samples of cloud water in aircraft p 640 A83-41983
- WEBB, J.**  
Some effects of size on non-rigid airships p 327 A83-28192  
Digital flight control system validation [AD-A124506] p 462 N83-26847
- WEBBER, G. W.**  
Aerodynamic development for efficient military cargo transports [AIAA PAPER 83-1822] p 520 A83-38654  
Wing tip devices for energy conservation and other purposes Experimental and analytical work in progress at the Lockheed-Georgia Company p 659 A83-44358
- WEBBER, J. P. H.**  
Deflections of inflated cylindrical cantilever beams subjected to bending and torsion p 65 A83-12853
- WEBER, J. M.**  
A summary of NASA/FAA experiments concerning helicopter IFR airworthiness criteria p 584 A83-41079
- WEBER, J. W.**  
Airborne electronic terrain map display - An update p 35 A83-11135

- WEBRE, J. L.**  
Airworthiness and Flight Characteristics test (A&FC) of AH-1S with Aircraft General Purpose Dispenser System (AGPDS) [AD-A125978] p 528 N83-29199
- WEBSTER, L. D.**  
Sidelooking laser altimeter for a flight simulator [NASA-CASE-ARC-11312-1] p 702 N83-34304
- WEBSTER, T. J.**  
Possible safety hazards associated with the operation of the 0.3-m transonic cryogenic tunnel at the NASA Langley Research Center [NASA-CR-166026] p 174 N83-14140
- WEDAN, B. W.**  
Computational wing design for an advanced trainer [AIAA PAPER 83-0093] p 149 A83-16517
- WEDAN, R. W.**  
Overview of United States program for modernizing air traffic control and airway facilities p 325 N83-22184
- WEDEKIND, G.**  
Influence of configuration components of statically unstable combat aircraft on the aerodynamic design for high angle-of-attack p 245 N83-18694
- WEDEKING, G.**  
High-strength aluminum high-quality casting alloy in aeronautics and astronautics p 468 A83-33955  
New developments in aluminum and titanium investment castings p 178 N83-15438
- WEDEMEYER, E.**  
Wind tunnel testing of three-dimensional models in wind tunnels with two adaptive walls [VKI-TN-147] p 665 N83-32781
- WEED, R. A.**  
Combined direct/inverse three-dimensional transonic wing design [AD-A129573] p 718 N83-36006
- WEEKS, D. J.**  
A method for determining wall-interference corrections in solid-wall tunnels from measurements of static pressure at the walls p 347 N83-20958
- WEEKS, R. A.**  
The Northrop F-20 avionics mission simulator [AIAA PAPER 83-0142] p 171 A83-16551  
Error sources in hybrid computer based flight simulation [AIAA PAPER 83-1090] p 436 A83-36214  
Real time simulation of mission environments for avionics systems integration [AIAA PAPER 83-1097] p 463 A83-36217
- WEEKS, T. M.**  
Wind tunnel investigation of the transonic aerodynamic characteristics of forward swept wings p 190 A83-22153
- WEGNER, L. H.**  
The taxiway repair schedule problem A heuristic rule and a branch-and-bound solution [AD-A122497] p 346 N83-20955
- WEHNER, S.**  
Application of Fourier transform infrared spectroscopy for quality control analysis of epoxy resin prepreps used in helicopter rotor blades p 61 N83-11232
- WEICHERT, M.**  
Water injection into compressors of gas turbines for power increase and reduction of NOX emission [BMFT-FB-T-82-075] p 233 N83-16765
- WEIHS, D.**  
Motion of aircraft trailing vortices near the ground [AIAA PAPER 83-2130] p 579 A83-41953
- WEILER, W.**  
Advanced compressor components for aero engines Phase 2 (1980-1981) [BMFT-FB-W-82-022] p 394 N83-23311
- WEILKE, J.**  
Structural members made of high-strength cast aluminum and their properties p 468 A83-33954
- WEINBERG, P.**  
The load-life relationship for M50 steel bearings with silicon nitride ceramic balls [ASLE PREPRINT 82-LC-3C-4] p 212 A83-13239
- WEINGARTEN, N. C.**  
In-flight investigation of large airplane flying qualities for approach and landing [AD-A120202] p 206 N83-16332  
Application of Calspan pitch rate control system to the Space Shuttle for approach and landing [NASA-CR-170402] p 397 N83-24513
- WEINGOLD, H. D.**  
Development of controlled diffusion airfoils for multistage compressor application [ASME PAPER 83-GT-211] p 715 A83-48012
- WEINS, D.**  
Curved lifting-line theory for thin planar wings p 189 A83-21024
- WEINSTEIN, G.**  
Designing for supportability and cost effectiveness [AIAA PAPER 83-2499] p 712 A83-49586
- WEINSTOCK, G. L.**  
A realistic approach to aircraft lightning protection p 586 N83-31190
- WEIS, R. W., JR.**  
The stable sensor platform (SSP) tethered balloon series [AIAA PAPER 83-2000] p 509 A83-38921
- WEISBRICH, A. L.**  
Technology and benefits of aircraft counter rotation propellers [NASA-TM-82983] p 44 N83-11129
- WEISE, K.**  
Aircraft with reduced longitudinal stability [BMFT-FB-W-82-004] p 53 N83-11145
- WEISE, R. A.**  
Application of thin film strain gages and thermocouples for measurement on aircraft engine parts [AIAA PAPER 83-1292] p 444 A83-36326
- WEISLOGEL, G. S.**  
An investigation of the aerodynamic characteristics of a new general aviation airfoil in flight [NASA-CR-169477] p 179 N83-12046  
Statistical summary Study to determine the IFR operational profile of the general aviation single pilot [NASA-CR-165805] p 198 N83-17523  
Study to determine the IFR operational profile and problems of the general aviation single pilot [NASA-CR-3576] p 249 N83-18699
- WEISS, D. M.**  
The A-7E software requirements document. Three years of change data [AD-A121602] p 237 N83-18322
- WEISS, F.**  
Active gust load alleviation and ride comfort improvement p 751 A83-49193
- WEISS, J.**  
Use of flight test results to improve the flying qualities simulation of the B-52H weapon system trainer [AIAA PAPER 83-1091] p 437 A83-36215
- WEISS, J. P.**  
Design considerations for the construction of a Sheriff wing in composite materials [BU-280] p 206 N83-16337
- WEISS, R.**  
Configuration studies for future fighters p 516 A83-37859
- WEISSENBERGER, D. A.**  
Estimation of helicopter and target motion for the advanced attack helicopter fire control system p 143 A83-18378
- WEISSHAAR, T. A.**  
Swept composite wing aeroelastic divergence experiments p 29 A83-10193  
Quadratic synthesis of integrated active controls for an aeroelastic forward-swept-wing-aircraft p 47 A83-12458
- WELCH, A.**  
Microlights - The state of the art p 241 A83-23685
- WELCH, B. L.**  
Characteristics of flight simulator visual systems p 207 A83-16331
- WELCH, J. D.**  
Traffic alert and Collision Avoidance System (TCAS 1) design guidelines [ATC-114] p 187 N83-12066  
TCAS 1 design guidelines [ATC-114] p 187 N83-12067  
Surveillance techniques for minimum TCAS 2 p 145 N83-14086  
Traffic alert and collision avoidance system (TCAS) A functional overview of minimum TCAS 2 [ATC-119] p 674 N83-32784
- WELGE, R. T.**  
Application of composites and computer graphics in the design of the MH-53E fuel sponson [AIAA PAPER 83-2441] p 726 A83-48329
- WELHELM, K.**  
Correlation aspects in the identification of dynamic effects using complementary techniques flight in turbulence Gust alleviation p 628 N83-30374
- WELL, K. H.**  
Minimum-time 180 deg turns of aircraft p 45 A83-10250
- WELLER, W. H.**  
Measured inplane stability characteristics in hover for an advanced bearingless rotor [AIAA 83-0987] p 330 A83-29865  
Correlation and evaluation of inplane stability characteristics for an advanced bearingless main rotor [NASA-CR-166448] p 440 N83-25695
- WELLS, W. R.**  
Sensitivity of digital flight control design to parameter estimation error [AIAA PAPER 83-2089] p 624 A83-41921
- WELTE, D.**  
Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison between wind tunnel and flight results for aerodynamic performance p 603 N83-30361
- WEN, C. T.**  
Some results and limitations of Prony analysis of in-flight lightning data p 646 N83-31178
- WEN, G.**  
Numerical computation of unsteady subsonic aerodynamic forces on wing-body-tail exposed to traveling gust p 9 N83-10006
- WENDELL, J. H.**  
Simplified aeroelastic modeling of horizontal axis wind turbines [NASA-CR-168109] p 361 N83-21509
- WENDL, M. J.**  
Advanced automatic terrain following/terrain avoidance control concepts study p 47 A83-11254  
Integrated GPS, DLMS, and radar altimeter measurements for improved terrain determination p 324 A83-29212
- WENDLER, B. H.**  
Near-real-time flutter boundary prediction from turbulence excited response [AIAA 83-0814] p 356 A83-29814
- WENDT, J. F.**  
Preliminary results of LDV surveys in the compressible leading edge vortex of a delta wing [VKI-TN-137] p 376 N83-23278
- WENNERSTROM, A. J.**  
Experimental study of a high-through-flow transonic axial compressor stage p 419 A83-35853  
The measurement of turbomachinery stator-to-drum running clearances [ASME PAPER 83-GT-204] p 743 A83-48005  
A three-dimensional model for the prediction of shock losses in compressor blade rows [ASME PAPER 83-GT-216] p 744 A83-48016  
The use of vortex generators as inexpensive compressor casing treatment p 459 N83-26798
- WENTZ, K. R.**  
Acoustic fatigue test evaluation of adhesively bonded aluminum fuselage panels using FM 73/BR 127 adhesive/primer system [AIAA 83-0999] p 358 A83-29874
- WENTZ, W. H., JR.**  
Studies of light-twin wing-body interference [SAE PAPER 830709] p 580 A83-43319  
Wind tunnel force and pressure tests [NASA-CR-3439] p 190 N83-16287
- WENZEL, L. M.**  
Experimental program for the evaluation of turbofan/turboshaft conversion technology [NASA-TM-82988] p 44 N83-11130
- WERLE, H.**  
The new hydrodynamic visualization laboratory of the aerodynamics division p 289 A83-23676
- WERNER, C.**  
Tarps test program set / parallel development of avionics and its support capability/ p 54 A83-10755
- WERNER, CH.**  
DFVLR-remote slant visual range (SVR) and wind vector measuring systems p 565 A83-38750
- WERTE, H.**  
Flow visualization techniques for the study of high incidence aerodynamics p 245 N83-18686
- WERY, A. C.**  
Aeroelastic loads prediction for an arrow wing Task 2 Evaluation of semi-empirical methods [NASA-CR-3641] p 316 N83-22164
- WEST, C. D.**  
Heat-activated heat-pump development and potential application of Stirling-engine technology [DE83-002134] p 363 N83-22817
- WEST, C. L.**  
Easiest ejection seat stability and control analysis capability p 190 A83-15428
- WESTBROOK, R. E.**  
Operational flight program development with a higher order language p 363 N83-22125
- WESTON, A. R.**  
Altitude transitions in energy climbs p 287 A83-26604  
Energy state revisited [AIAA PAPER 83-2138] p 598 A83-41960  
An on-board near-optimal climb-dash energy management [NASA-CR-169755] p 205 N83-16329
- WESTOVER, B. L.**  
Symbolic pattern matching for target acquisition p 24 A83-11460
- WESTPHAL, K.-G.**  
Multipath propagation in the radio field of aircraft navigation systems p 252 A83-23414

- Advances related to the measurement and representation of real multipath propagation p 258 A83-26485
- WESTRA, D P**  
Simulator design features for carrier landing Part 2 In-simulator transfer of training [AD-A124024] p 466 N83-25733
- WETTLAUER, B M.**  
The aerodynamic performance of several flow control devices for internal flow systems [NASA-TP-1972] p 221 N83-17560
- WHAILEY, J**  
Design of a software maintenance facility for the RAF p 364 N83-22150
- WHEATON, G E.**  
Application of additional secondary factors to LORAN-C positions for hydrographic operations [AD-A125620] p 514 N83-27972
- WHEELER, R L**  
AP 1-88 craft 001 prototype clearance trials p 485 A83-34862
- WHIPKEY, R R**  
Experimental studies of the separating confluent boundary-layer Volume 1 Summary [NASA-CR-3655] p 427 N83-26822
- WHIPPLE, R D**  
Extended moment arm anti-spin device [NASA-CASE-LAR-12979-1] p 505 N83-29173
- WHITAKER, R**  
Mass-produced laser gyros p 63 A83-11628  
Helicopter technology for the 1990s p 192 A83-16372
- WHITBECK, R F**  
In-flight simulation of a digitally implemented direct force mode p 395 A83-32933
- WHITE, D J**  
Fatigue life evaluation of the A-7E arresting gear hook shank p 175 A83-13912  
Damage tolerance assessment of the A 7D aircraft structure p 204 A83-21771
- WHITE, D L**  
A cost effective quick-response test station p 398 A83-32927
- WHITE, E R**  
Exploratory low-speed wind-tunnel investigation of advanced commuter configurations including an over-the-wing propeller design [AIAA PAPER 83-2531] p 732 A83-49590  
Wind-tunnel investigation of effects of wing-leading-edge modifications on the high angle-of-attack characteristics of a T tail low-wing general-aviation aircraft [NASA-CR-3636] p 179 N83-12049
- WHITE, G**  
Helicopter transmission arrangements with split-torque gear trains p 303 N83-20126
- WHITE, J E**  
MIMO controller design for longitudinal decoupled aircraft motion [AIAA PAPER 83-2274] p 623 A83-41740
- WHITE, J L**  
Progress in propulsion system/airframe structural integration [AIAA PAPER 83-1123] p 437 A83-36234
- WHITE, M E**  
Applications of computational techniques in the design of ramjet engines p 418 A83-35828
- WHITE, M L**  
A tubular braided composite main rotor blade spar p 435 A83-35949
- WHITE, M R**  
Modification of flight vehicle vibration modes to account for design changes p 607 N83-30790
- WHITE, O W**  
Emergency power for the F-16 aircraft [ASME PAPER 83-GT 189] p 742 A83-47995
- WHITE, R A.**  
Full-system tests using the Sandia lightning simulator p 632 N83-31213
- WHITE, R G**  
Control of the material properties and structural application of carbon fibre reinforced plastics [AIAA PAPER 83-0859] p 403 A83-32790  
Automatic speech recognition as a cockpit interface p 736 N83-34899
- WHITE, R W**  
Composite technology in the UK helicopter industry p 151 A83-18377  
Developments in UK rotor blade technology [AIAA PAPER 83-2525] p 731 A83-49589  
Traffic alert and collision avoidance system Developmental simulation [FAA-RD-82-49] p 260 N83-19732
- WHITE, T W**  
Positioning of jamming aircraft using the integrated refractive effects prediction system [AD-A125644] p 560 N83-28308
- WHITE, W. L.**  
Dual towline anti-spin device [NASA-CASE-LAR-13076-1] p 733 N83-34934
- WHITEHEAD, J M**  
The effects of weather on rapid runway repair, volume 1 [AD-A130409] p 754 N83-36040
- WHITEHEAD, R S.**  
A building block approach to design verification testing of primary composite structure [AIAA 83-0947] p 356 A83-29775
- WHITESIDES, J L.**  
Three-dimensional Euler solutions for long-duct nacelles [AIAA PAPER 83-0089] p 136 A83-17905
- WHITFIELD, A.**  
Alternative vaneless diffusers and collecting volutes for turbocharger compressors [ASME PAPER 83-GT-32] p 760 A83-47894
- WHITFIELD, D**  
Finite-volume solutions to the Euler equations in transonic flow [AIAA PAPER 81-1265] p 136 A83-18405
- WHITFIELD, D L.**  
Three-dimensional Euler equation simulation of propeller-wing interaction in transonic flow [AIAA PAPER 83-0236] p 132 A83-16603
- WHITLOCK, E M**  
Airport landside operations and air service [PB82-235946] p 218 N83-13320
- WHITNEY, W J**  
Aerodynamic effect of a honeycomb rotor tip shroud on a 50 8-centimeter-tip-diameter core turbine [NASA-TP-2112] p 215 N83-17547
- WHYTE, R B**  
Propulsion and energetics panel, working group 13 on alternative jet engine fuels Volume 1 Executive summary [AGARD-AR-181-VOL-1] p 62 N83-11350  
Propulsion and energetics panel, working group 13 on alternative jet engine fuels Volume 2 Main report [AGARD-AR-181-VOL-2] p 62 N83-11351
- WIBERLEY, S E.**  
Composite structural materials [NASA CR-169859] p 226 N83-17597
- WICKENHEISER, T J**  
Propeller performance and weight predictions appended to the Navy/NASA engine program [NASA TM-83458] p 684 N83-32810
- WIDDOWS, H E**  
Modular asymmetric parachute for wind tunnel testing p 178 A83-15322
- WIDMER, H P**  
The solution of 'real world' aircraft EMC problems using the AAPP computer program p 63 A83-11085
- WIDNALL, S E**  
Aerodynamic theory for wing with side edge passing subsonically through a gust p 375 A83-32977  
Energetics and optimum motion of oscillating lifting surfaces [AIAA PAPER 83-1710] p 492 A83-37204
- WIDNALL, W S**  
Stability of the decentralized estimation in the JTIDS relative navigation p 23 A83-11253
- WIDNER, R**  
Four-channel multiplexed resolver-to-digital converter p 34 A83-11100
- WIDYNSKI, T C**  
A new ejector concept for V/STOL aircraft [AIAA PAPER 83-2514] p 745 A83-48358
- WIEBE, W**  
An SEM analysis of bearing failure due to electrical arcing [AD-A127827] p 648 N83-32071
- WIEDER, R L.**  
TF/TA by means of integrated FLIR and radar sensors p 36 A83-11240
- WIEDERHOLT, J. V.**  
The design of a human-powered vehicle [AIAA PAPER 83-0649] p 180 A83-16816
- WIENHOLD, P D**  
Frangible microwave landing system (inverted azimuth waveguide array configuration) [DOT/FAA/RD-82/68] p 324 N83-20927
- WIER, M**  
The simulation of temperature-stratified atmospheric boundary layers in a wind tunnel p 689 A83-46492
- WIERWILLE, W W**  
Comparative evaluation of twenty pilot workload assessment measure using a psychomotor task in a moving base aircraft simulator [NASA-CR-166457] p 249 N83-18702
- WIGHTMAN, D C**  
Applications of simulator freeze to carrier glideslope tracking instruction [AD-A118862] p 220 N83-16356
- WIGHTMAN, J P**  
A fundamental approach to the sticking of insect residues to aircraft wings [NASA-CR-173063] p 679 N83-33875
- WIGLEY, D A.**  
Dimensional stability considerations for cryogenic metals p 291 N83-18759
- WIGOTSKY, V**  
First design details of the all-composite Lear Fan p 383 A83-30829  
Vertical seeking ejection seat boosts pilots odds p 525 A83-40305
- WILBERS, L G**  
Powder metallurgy Rene 95 rotating turbine engine parts, volume 2 [NASA-CR-165141] p 178 N83-15412
- WILBERS, P**  
Output feedback regulators for aircraft automatic control systems [VTH-LR-339] p 546 N83-28002
- WILBY, J F**  
Propeller aircraft interior noise p 309 N83-18658
- WILBY, P G**  
An investigation of the aerodynamics of an RAE swept tip using a model rotor [ONERA, TP NO 1982-76] p 136 A83-18426
- WILBY, W A**  
Reduction of aerodynamic drag Torsion disc viscometry [AD-A117859] p 10 N83-10020
- WILDING, M M**  
The effects of weather on rapid runway repair, volume 1 [AD-A130409] p 754 N83-36040
- WILES, K G**  
Effective electromagnetic shielding in multilayer printed circuit boards p 215 A83-16122
- WILFERT, M E**  
Guidance control systems for aircraft on airport surfaces [AIAA PAPER 83-1579] p 429 A83-36953
- WILFORD, D F**  
Flyover noise measurements for turbo prop aircraft [AIAA PAPER 83-0746] p 280 A83-25948
- WILHELM, G G**  
Simulated mission endurance control system p 54 A83-10751
- WILHELM, K**  
Handling qualities aspects of CTOL aircraft with advanced flight controls p 50 N83-10064
- WILKENS, J H**  
Repairing gas turbine hot section airfoils today [SAE PAPER 821487] p 534 A83-38006
- WILKINS, D J**  
A preliminary damage tolerance methodology for composite structures p 693 N83-33959
- WILKINSON, D B**  
Flow visualization investigation of choking cascade turns p 641 A83-42564
- WILKINSON, G**  
Foreign Technology Alert Bibliography Transportation safety [PB83-101659] p 430 N83-25686
- WILKINSON, K G**  
Certification of the Lockheed 1011-500 active control system p 687 A83-45850  
An airline view of LH2 as a fuel for commercial aircraft p 757 A83-48598
- WILKINSON, S P**  
Stability experiments in rotating-disk flow [AIAA PAPER 83-1760] p 555 A83-37232
- WILKINSON, W S**  
Aircraft flight procedure program Data base development [PB82-183740] p 175 N83-12040
- WILLIAMS, J S**  
Lasers and avionics integration p 642 A83-42836
- WILLARD, W E**  
Fire resistant aircraft hydraulic system [AD-A118169] p 33 N83-11118
- WILLETT, F M, JR**  
Helicopter IFR approaches into major terminals using RNAV, MLS, and CDTI p 584 A83-41042
- WILLETT, T J**  
Application of image understanding to automatic tactical target acquisition p 25 A83-12878
- WILLIAMS, A**  
Brushless generators for remote piloted vehicles p 616 A83-43709
- WILLIAMS, D E**  
Design of an integrated strapdown guidance and control system for a tactical missile [AIAA PAPER 83-2169] p 591 A83-41665

- WILLIAMS, D. H.**  
Simulation study of traffic sensor noise effects on utilization of traffic situation display for self-spacing task [NASA-TP 2082] p 270 N83-18723  
Time-based self spacing techniques using cockpit display of traffic information during approach to landing in a terminal area vectoring environment [NASA TM-84601] p 335 N83-22196
- WILLIAMS, D. P.**  
Canadian forces tracker aircraft full-scale fatigue test at the National Aeronautical Establishment p 433 A83-33548
- WILLIAMS, F. C.**  
Airborne radar and the three PRFs p 589 A83-40759
- WILLIAMS, J.**  
Propeller noise at model- and full-scale p 222 A83-15314  
Propeller noise prediction and research techniques p 308 N83-18651  
The influence of helicopter operating conditions on rotor noise characteristics and measurement repeatability [AD-A121426] p 310 N83-20707  
Synthesis of responses to AGARD FMP questionnaire on "prediction techniques and flight correlation" p 581 N83-30384  
Technical evaluation report on the Flight Mechanics Panel Symposium on Ground/Flight Test Techniques and Correlation [AGARD-AR-191] p 733 N83-34939
- WILLIAMS, J. A.**  
Aircraft super integrated power unit [SAE PAPER 821461] p 534 A83-37995
- WILLIAMS, J. C.**  
Fiber optics wavelength division multiplexing for aircraft applications p 21 A83-11181  
A study of wavelength division multiplexing for avionics applications [AD-A125749] p 530 N83-27990
- WILLIAMS, J. E. F.**  
Noise source mechanisms in unsteady flow [PB82-203837] p 223 N83-12976
- WILLIAMS, J. G.**  
Failure Analysis and Mechanisms of Failure of Fibrous Composite Structures [NASA-CP-2278] p 693 N83-33957
- WILLIAMS, K. F.**  
Rotor redesign for a highly loaded 1800 ft/sec tip speed fan 3 Laser Doppler velocimeter report [NASA-CR-167954] p 163 N83-14128
- WILLIAMS, L. J.**  
Advanced technology for future regional transport aircraft p 326 A83-27499  
Small transport aircraft technology [NASA-SP-460] p 331 N83-20931
- WILLIAMS, M. C.**  
Rotor redesign for a highly loaded 1800 ft/sec tip speed fan 3 Laser Doppler velocimeter report [NASA-CR-167954] p 163 N83-14128  
Anti-misting additives for jet fuels [NASA-CR-169751] p 225 N83-16417  
Viscometric and misting properties of polymer-modified fuel [NASA-CR-169750] p 226 N83-16543
- WILLIAMS, M. H.**  
The effect of a normal shock on the aeroelastic stability of a panel [ASME PAPER 83-APM-28] p 493 A83-37381
- WILLIAMS, M. J.**  
Preliminary kinematic consistency checking of helicopter flight data [ARL/AERO-NOTE-414] p 678 N83-32794  
Sea King helicopter flight trials [ARL/AERO-NOTE-415] p 733 N83-36023
- WILLIAMS, M. S.**  
Crash tests of four low-wing twin-engine airplanes with truss-reinforced fuselage structure [NASA-TP-2070] p 67 N83-10442
- WILLIAMS, R. A.**  
AH-1 Air Ground Engagement Simulation/air defense (AGES/ADES) pod jettison evaluation [AD-A122623] p 332 N83-20939  
Validation flight test of UH-60A for Rotorcraft Systems Integration Simulator (RSIS) [AD-A125428] p 529 N83-29201  
Fuel conservation evaluation of US Army helicopters Part 5 AH-1S slight testing [AD-A128532] p 608 N83-31601
- WILLIAMS, R. C.**  
Turbobfan blade stresses induced by the flow distortion of a VTOL inlet at high angles of attack [NASA-TM-82963] p 194 N83-17509
- WILLIAMS, T. L.**  
Airframe effects on a top-mounted fighter inlet system p 177 A83-13166

- WILLIAMS, W. J.**  
Statistical review of counting accelerometer data for Navy and Marine fleet aircraft [AD-A121989] p 267 N83-19744  
Statistical review of counting accelerometer data for Navy and Marine fleet aircraft [AD-A124966] p 443 N83-26834
- WILLIAMSON, T.**  
Preliminary summary of phase 1 Piedmont in-service evaluation of TCAS 2 p 146 N83-14095
- WILLIAMSON, V. L.**  
F100 engine build policy findings [AD-A122868] p 311 N83-20907
- WILLIS, E. A.**  
An overview of general aviation propulsion research programs at NASA Lewis Research Center p 340 N83-22456
- WILLIS, J. B.**  
Design of a new contraction, wide angle diffuser and flow manipulators for the low speed wind tunnel [AD-A119544] p 175 N83-14144  
The ARL transonic wind tunnel [ARL/AERO-NOTE-412] p 401 N83-23327  
Programs for the transonic wind tunnel data processing installation Part 10 Six component measurements updated [AD-A122248] p 427 N83-26824
- WILLIS, W. S.**  
The impact of engine usage on life cycle cost [AIAA PAPER 83-1406] p 456 A83-36395  
Conceptual design, evaluation and research identification for Remote Augmented Propulsive Lift Systems (RALS) with ejectors for VTOL aircraft [NASA-CR-167906] p 202 N83-13103
- WILLMERT, K. D.**  
An optimality criterion method for structures with stress, displacement and frequency constraints [AIAA 83-0939] p 356 A83-29769
- WILLS, W. P.**  
Current practices on nighttime pavement construction asphaltic concrete [DOT/FAA/RD-80/121] p 207 N83-12101
- WILLSHIRE, W. L., JR.**  
Ground effects on aircraft noise for a wide-body commercial airplane p 305 A83-24034
- WILLISKY, A. S.**  
Nonlinear generalized likelihood ratio algorithms for maneuver detection and estimation p 511 A83-37136
- WILSON, A. J.**  
Composite engine duct fabrication p 490 A83-39941
- WILSON, D. G.**  
Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 1 [DE82-903116] p 303 N83-20165  
Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 2 [DE82-903304] p 303 N83-20166
- WILSON, F. M., JR.**  
New concept for low cost VTOL cargo delivery capability [AIAA PAPER 83-2207] p 584 A83-41691
- WILSON, G. W.**  
Helicopter icing - Testing and certification p 152 A83-18381
- WILSON, J. W.**  
Applications of Doppler radar to aviation operations - JAWS experiences [AIAA PAPER 83-0205] p 188 A83-16583
- WILSON, L.**  
The effect of water displacing corrosion preventives on stress corrosion cracking of aluminum alloy 7075-T651 [ARL-MAT-NOTE-132] p 60 N83-10173
- WILSON, R. F.**  
Observers as noise filters in an automatic aircraft landing system p 285 A83-24434
- WILSON, S. B., III.**  
Supersonic STOVL research aircraft [SAE PAPER 821375] p 517 A83-37965
- WINBLADE, R. L.**  
NASA's aviation safety meteorology research programs p 668 N83-33829
- WINER, A. M.**  
High altitude jet fuel photochemistry [AD-A125035] p 471 N83-27035
- WINER, D. E.**  
Meteorological data requirements for fuel efficient flight p 565 A83-38760
- WINGROVE, R. C.**  
Applications of state estimation in aircraft flight-data analysis [AIAA PAPER 83-2087] p 596 A83-41919  
Analysis of general aviation accidents using ATC radar records p 719 A83-48216

- WINICK, A.**  
Summary of the FAA's future navigation system mix evaluation, through May 1982 [AD-A119314] p 146 N83-14099
- WINKLER, P. J.**  
Superplastic transformation and diffusion welding of titanium alloys p 692 N83-32716
- WINTER, C. J.**  
New technologies from developments in air transport and space travel [DGLR PAPER 82-074] p 310 A83-24188
- WINTER, F. H.**  
The reaction motors division Thiokol Chemical Corporation [IAF PAPER 83-289] p 755 A83-47330
- WINTER, H.**  
Gyroscopic instruments and their application to flight testing [AGARD-AG-160-VOL-15] p 233 N83-17855
- WINTER, J. S.**  
A modular approach to high reliability software generation with application to nonlinear control p 363 N83-22104
- WINTERBONE, D. E.**  
Design of an integrated control system for a supersonic aircraft power plant p 212 A83-23175
- WINTERFELD, G.**  
Future fuels for turbojet engines and their impacts on combustion chambers and fuel systems [DGLR PAPER 82-089] p 295 A83-24201
- WIPPICH, H. G.**  
A mm-wave collision warning device for helicopters p 645 N83-30895
- WIPPICH, J.**  
The consideration of operational aspects for utility-/commuter aircraft, taking into account the example of the Dornier 228 [DGLR PAPER 82-047] p 247 A83-24171
- WIRTANEN, T. E.**  
Azimuth monitoring experiment [AD-A120834] p 148 N83-15278
- WISSEL, W. D.**  
Advanced material application on the European wide body transport aircraft Airbus [SAE PAPER 1484] p 603 A83-43751
- WITCOFSKI, R. D.**  
Space-station crew-safety requirements p 467 A83-36408
- WITHMAN, R. L.**  
Automatic change detection of synthetic aperture radar imagery p 22 A83-11222
- WITKOP, D. L.**  
Force method optimization II Volume 2 User's manual [AD A128235] p 652 N83-32387
- WITT, N. W.**  
Application and experience of colour CRT flight deck displays p 680 A83-44688
- WITTENBERG, H.**  
Generalized maximum specific range performance p 439 A83-36918
- WITTERS, R. E.**  
A multifunction integrated approach to providing aircraft inertial data p 254 A83-24853  
A multifunction integrated approach to providing aircraft inertial data p 321 A83-28595
- WITTLIN, G.**  
Analysis of aircraft dynamic behavior in a crash environment p 674 A83-43966  
Assessment of crash fire hazard of LH sub 2 fueled aircraft [NASA-CR-165525] p 16 N83-11095  
Analytical modeling of transport aircraft crash scenarios to obtain floor pulses [NASA-CR-166089] p 381 N83-24488
- WLEZIEN, R. W.**  
Porous-plug flowfield mechanisms for reducing supersonic jet noise [AIAA PAPER 83-0774] p 281 A83-25959
- WOAN, C. J.**  
Progress towards a theory of jet flap thrust recovery [AIAA PAPER 83-0079] p 153 A83-19579
- WOERNLE, C.**  
The dynamics of spatial linked quadrangle chains p 643 A83-42986
- WOESSNER, F. G.**  
Test experience with turbine-end foil bearing equipped gas turbine engines [ASME PAPER 83-GT-73] p 739 A83-47926  
High-temperature (649 deg C/1200 deg F) coatings for gas-lubricated foil bearings of the Navy's advanced auxiliary power unit concepts p 185 N83-15538
- WOJNAR, M. K.**  
Digital system for structural dynamics simulation [NASA-CR-168019] p 174 N83-14139

- WOLF, E. M.**  
Bus protocols for a digital audio distribution system  
p 19 A83-11126
- WOLF, P.**  
Aids to decision making in airport planning  
[REPT 34] p 221 N83-17562
- WOLF, S. W. D.**  
The status of two- and three-dimensional testing in the University of Southampton transonic self streamlining wind tunnel  
p 349 N83-20971
- WOLF, T. D.**  
Experience with flight test trajectory guidance  
p 675 A83-45470
- WOLFE, H. F.**  
Acoustic fatigue test evaluation of adhesively bonded aluminum fuselage panels using FM 73/BR 127 adhesive/primer system  
[AIAA 83-0999] p 358 A83-29874  
Large-amplitude multimode response of clamped rectangular panels to acoustic excitation  
[AIAA 83-1033] p 358 A83-29879
- WOLFSON, M. G.**  
Electrical resistance testing of antistatic bench and floor surface material after laying  
[AD-A125423] p 548 N83-28007
- WOLOCK, I.**  
The effect of loading rates, temperature and moisture on the fracture toughness of polycarbonate  
p 223 A83-20497
- WOLTER, W.**  
Effects of extreme aircraft storage and flight environments on graphite/epoxy  
p 403 A83-33122
- WOMER, N. K.**  
Cost functions for airframe production programs  
[AD-A119788] p 128 N83-14062
- WONG, D. W.**  
Engineering properties of Hughes/Air Force nickel-hydrogen cells  
p 361 A83-27203
- WONG, E.**  
The development of a generalized advanced propeller analysis system  
[AIAA PAPER 83-2466] p 746 A83-49581
- WONG, R. L. M.**  
Experimental and analytical studies of shielding concepts for point sources and jet noise  
[UTIAS-266] p 571 N83-28983
- WONGWIAT, K.**  
Comparison of properties of joints prepared by ultrasonic welding and other means  
p 406 A83-32586
- WONNENBERG, H.**  
Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing. A comparison between wind tunnel and flight results for aerodynamic performance  
p 603 N83-30361
- WOO, J. C. H.**  
An analysis of reports of operational errors  
[AD-A123416] p 383 N83-24499
- WOO, Y. K.**  
Transient heat transfer measurement technique in wind tunnel and data analysis technique using system identification theory  
[AD-A124663] p 424 N83-25669
- WOOD, C.**  
Recent examples of conformal microstrip antenna arrays for aerospace applications  
p 144 A83-18672
- WOOD, D.**  
A technique for predicting antenna-to-antenna isolation and electromagnetic compatibility for aircraft  
p 22 A83-11235
- WOOD, D. H.**  
The basic aerodynamics of floatation  
p 764 A83-48679
- WOOD, E. R.**  
Higher harmonic control for the jet smooth ride  
p 396 A83-33096
- WOOD, H. A.**  
Evaluation of small cracks in airframe structures  
p 646 N83-31062
- WOOD, J. R.**  
NASA low-speed centrifugal compressor for fundamental research  
[AIAA PAPER 83-1351] p 464 A83-36353  
Comparison of fixed-base and in-flight simulation results for lateral high order systems  
[AIAA PAPER 83-2105] p 625 A83-41934  
Performance of a tandem-rotor/tandem-stator conical-flow compressor designed for a pressure ratio of 3  
[NASA TP-2034] p 10 N83-11058  
NASA low-speed centrifugal compressor for fundamental research  
[NASA-TM-83398] p 424 N83-25662
- WOOD, N. J.**  
The performance of a circulation control airfoil at transonic speeds  
[AIAA PAPER 83-0083] p 130 A83-16510
- WOOD, N. L.**  
Development of an oculometer data collection subsystem  
[AD-A124700] p 481 N83-26501
- WOOD, R. M.**  
An investigation of wing leading-edge vortices at supersonic speeds  
[AIAA PAPER 83-1816] p 498 A83-38648  
Status review of a supersonically-biased fighter wing-design study  
[AIAA PAPER 83-1857] p 521 A83-38684  
Theoretical and experimental investigation of supersonic aerodynamic characteristics of a twin-fuselage concept  
[NASA-TP-2184] p 665 N83-32776
- WOOD, R. P.**  
A cost effective approach to design evaluation of advanced system display switchology  
p 71 A83-11200
- WOOD, S. A.**  
Measurements of the attenuation of an Army headset  
[BR84535] p 309 N83-20704
- WOOD, T. L.**  
Effects of aerodynamic interaction between main and tail rotors on helicopter hover performance and noise  
[NASA-CR-166477] p 376 N83-23275
- WOODBURY, W.**  
Computer Aided Mission Planning System (CAMPS)  
[AD-A118567] p 221 N83-12895
- WOODCOCK, R. J.**  
Present status of flying qualities criteria for conventional aircraft  
p 48 N83-10055  
Background information and user guide for MIL-F8785C, military specification, flying qualities of piloted airplanes  
[AD A119421] p 156 N83-14120  
Criteria for handling qualities of military aircraft  
[AD-A124222] p 217 N83-17555
- WOODFIELD, A. A.**  
Airspeed and wind shear measurements with an airborne CO2 CW laser  
p 735 N83-34898
- WOODHEAD, M. A.**  
Microprocessor implementation of fast-sampling direct digital flight mode controllers  
p 342 N83-22096
- WOODLEY, N. H.**  
Improved combustion-turbine efficiency with reformed alcohol fuels  
[DE83-005713] p 699 N83-33169  
Reformed alcohol fuels for combustion turbines. Technical and economic feasibility assessment  
[DE82-013921] p 694 N83-34071
- WOODRUFF, R. R.**  
A comparison of color versus black and white visual display as indicated by bombing performance in the 2B35 TA-4J flight simulator  
p 269 A83-26313  
Comparison of color and black and white visual displays as indicated by bombing performance in the 2B35 TA-4J flight simulator  
p 681 A83-44692
- WOODS, R. O.**  
Modular Airborne Remote Sampling and Sensing System (MARSSS)  
[DE82-014657] p 361 N83-21495  
Modular Airborne Remote Sampling and Sensing System (MARSSS)  
[DE82 005691] p 410 N83-25226
- WOODS, S.**  
Helicopter performance computer programs  
[AD-A124603] p 527 N83-27981
- WOODWARD, A.**  
Advanced terrain following radar for LANTIRN  
p 23 A83-11241
- WOODWARD, D. E.**  
1983 LTA technology assessment  
[AIAA PAPER 83-1617] p 437 A83-36406
- WOODWARD, R. P.**  
Wind tunnel measurements of blade/vane ratio and spacing effects on fan noise  
p 222 A83-15317  
Tone generation by rotor-downstream strut interaction  
[AIAA PAPER 83-0767] p 280 A83-25957  
Low flight speed acoustic results for a supersonic inlet with auxiliary inlet doors  
[AIAA PAPER 83-1415] p 706 A83-45517  
Tone generation by rotor-downstream strut interaction  
[NASA-TM-83330] p 283 N83-19754  
Low flight speed acoustic results for a supersonic inlet with auxiliary inlet doors  
[NASA-TM-83411] p 482 N83-27794
- WOOLLETT, R. R.**  
Zero-length inlets for subsonic V/STOL aircraft  
p 312 A83-29012  
Aerodynamic performance of a fan stage utilizing variable inlet guide vanes (VIGVs) for thrust modulation  
[AIAA PAPER 83-1162] p 660 A83-45508  
Wind tunnel tests of a zero length, slotted-lip engine air inlet for a fixed nacelle V/STOL aircraft  
[NASA-TM-82939] p 9 N83-10019
- Aerodynamic performance of a fan stage utilizing Variable Inlet Guide Vanes (VIGVs) for thrust modulation  
[NASA-TM-83438] p 504 N83-27957
- WORM, G. H.**  
Summary of analysis of sources of forecasting errors in BP 1500 requirements estimating process and description of compensating methodology  
[AD-A128548] p 577 N83-31574
- WORSLEY, W. H.**  
Investigation of constant turn-rate dynamics models in filters for airborne vehicle tracking  
p 71 A83-11190
- WORTMANN, F. X.**  
Profile design for cascades  
p 686 N83-34832
- WORTMANN, J.**  
The influence of defects on the operational strength of disks and wheels in engines  
p 472 A83-33984
- WRIGHT, A. S., JR.**  
A flight test of laminar flow control leading-edge systems  
[AIAA PAPER 83-2508] p 727 A83-48356
- WRIGHT, D. V.**  
Labyrinth seal forces on a whirling rotor  
[NASA-CR-168016] p 339 N83-22198
- WRIGHT, H. T.**  
NASA technology program for future civil air transports  
[AIAA PAPER 83-1603] p 379 A83-33366
- WRIGHT, S. M.**  
A modular approach to high reliability software generation with application to nonlinear control  
p 363 N83-22104
- WROBLESKI, J. J., JR.**  
The lateral response of an airship to turbulence  
[AIAA PAPER 83-1989] p 502 A83-38915
- WROBLEWSKI, K. A.**  
Demonstration Advanced Avionics System (DAAS) function description  
[NASA-CR-166282] p 26 N83-10027  
Demonstration Advanced Avionics System (DAAS), phase 1  
[NASA-CR-166503] p 612 N83-31602
- WU, C. C.**  
Transonic and nonlinear flow research  
[AD-A121477] p 246 N83-19719
- WU, C. M.**  
Helicopter fin effectiveness  
[BU-271] p 206 N83-16336
- WU, G. Y.**  
High temperature/pressure testing of heat resistant runway materials  
[AIAA PAPER 83-2492] p 753 A83-48349
- WU, J. M.**  
Jet wing vortex lattice theory with nonlinear wake and tip flows  
[AIAA PAPER 83-0263] p 133 A83-16619  
Investigations on the effects of discrete wingtip jets  
[AIAA PAPER 83-0546] p 134 A83-16781  
Computation of transonic flow field over Wing-Body-Pylon-Store combinations  
[AIAA PAPER 83-1852] p 500 A83-38680
- WU, S. S.**  
Effect of oxygen addition on ignition of aero-gas turbine at simulated altitude facility  
p 39 A83-10660
- WU, Y.-C.**  
Design, fabrication and test of a composite elevator  
p 695 A83-44046
- WUENENBERG, H.**  
The Open Loop Gust Alleviation system. OLGA  
[BMFT-FB-W-82-030] p 397 N83-23319
- WUEST, W.**  
75th anniversary of the establishment of the Aerodynamic Experimental Institute of Goettingen  
p 127 A83-16896
- WURTELE, M. G.**  
Numerical simulation of the atmosphere during a CAT encounter  
p 565 A83-38764
- WURZEL, D.**  
Design, fabrication, and qualification of composite carbon/epoxy horizontal stabilizer components  
p 575 A83-42546
- WUSCHKE, C.**  
Model of a cryogenic liquid-hydrogen pipeline for an airport ground distribution system  
p 648 A83-43641
- WYATT, J. C.**  
Video distribution requirements for future tactical aircraft  
p 21 A83-11182
- WYEN, G.**  
Design and experimentation within the Mobility Development Laboratory (MDL) utilizing the Static and Dynamic Test Machines  
p 630 A83-42549
- WYKES, J. H.**  
Rigid-body structural mode coupling on a forward swept wing aircraft  
p 594 A83-41046
- WYNN, L. P.**  
TPE331/T76 turboprop propulsion engine durability  
[AD-A122962] p 394 N83-23314

## WYNNE, E. C.

- Prediction of transonic flutter for a supercritical wing by modified strip analysis p 62 A83-10190  
Effects of angle of attack on transonic flutter of a supercritical wing p 726 A83-48213

## X

## XENAKIS, G.

- Guidance and flight control demonstration in a helicopter flight environment using a laser-gyro inertial navigation system p 322 A83-28779

## XIN-SHI, G.

- Application of the finite element method to the solution of transient two-dimensional temperature field for air-cooled turbine blade p 301 N83-18958

## XIONG, C.

- Three-dimensional elastoplastic finite element analysis p 300 A83-26767

## XIRONG, W.

- The optical oil flow technique in a shock wave wind tunnel p 690 N83-32741

## XU, X. J.

- The testing in BIA hypersonic gun tunnel p 290 A83-26133

## XUE, D.

- The simulation study on a redundant flight control system p 3 N83-10014

## XUEBIN, O.

- Experimental research on perforated acoustic liners in turbojet engine afterburners p 165 N83-15256

## Y

## YACKLE, A. R.

- V/STOL - A practical weapon system p 127 A83-18808

- V/STOL, STOL, CTOL comparisons [SAWE PAPER 1499] p 603 A83-43759

## YAGER, T. J.

- Review of factors affecting aircraft wet runway performance [AIAA PAPER 83-0274] p 151 A83-17915

- Factors influencing aircraft ground handling performance [NASA-TM-85652] p 527 N83-27979

## YAGGY, K. L.

- A computational method for performing the multiblade coordinate transformation p 191 A83-16029

## YAGLE, W. J.

- Performance tests of two inert gas generator concepts for airplane fuel tank inerting [AIAA PAPER 83-1140] p 519 A83-38078

## YAKOS, M. D.

- Collins avionics NAVSTAR GPS advanced digital receiver p 673 A83-46969

## YAMAGAMI, T.

- Relay balloon p 524 A83-39811

## YAMAMOTO, M.

- Nonlinear forced oscillations of a rotating shaft carrying an unsymmetrical rotor at the major critical speed p 228 A83-20288

## YAMAMOTO, T.

- Nonlinear forced oscillations of a rotating shaft carrying an unsymmetrical rotor at the major critical speed p 228 A83-20288

- Impact of aircraft structural dynamics on integrated control design [AIAA PAPER 83-2216] p 596 A83-41698

## YAMAMOTO, Y.

- Turbulent boundary layer associated with periodic rotating wakes p 376 A83-33373

## YAMASAKI, N.

- Effect of sound absorbing wall linings on aerodynamic forces of a subsonic vibrating cascade p 411 A83-33372

## YAMAUCHI, G. K.

- Trends of Reynolds number effects on two-dimensional airfoil characteristics for helicopter rotor analyses [NASA-TM-84363] p 377 N83-24472

## YAN, D.-Y.

- A dynamic model of turbojet in starting at high altitude p 447 A83-35846

## YANAGIZAWA, M.

- Calculation of damping derivatives for arbitrary 3-dimensional bodies using Newtonian impact theory [NAL-TR-722] p 244 N83-18660

- Finite element calculations for aerodynamic coefficients of 3-dimensional body in subsonic flow using Green's function method [NAL-TR-724] p 244 N83-18661

- A study of aerodynamic characteristics of wing-body combinations Part 1 Case of a mid-wing airplane [NAL-TR-729-PT-1] p 245 N83-18675

## YANG, B.

- A crack growth fatigue life under spectrum loading p 643 A83-43692

## YANG, C.-Y.

- Maximum endurance and maximum penetration trajectories for horizontal gliding flight [AIAA PAPER 83-0283] p 150 A83-16628

## YANG, J. N.

- Statistical crack propagation in fastener holes under spectrum loading [AIAA 83-0808] p 356 A83-29808

- Fatigue of composite bolted joints under dual load levels p 559 A83-40158

- Probabilistic fracture mechanics analysis methods for structural durability p 701 N83-34104

## YANG, K. T.

- Numerical calculations of turbulent buoyant flow in aircraft cabins [FAA-CT-82-61] p 319 N83-22170

## YANG, M. L.

- Trajectory with diffusion method for predicting the fuel distribution in a transverse stream [AIAA PAPER 83-0336] p 161 A83-16662

## YANG, M.-L.

- Experimental investigation of fuel distribution in a transverse stream [ASME PAPER 83-GT-207] p 743 A83-48008

## YANG, Q.

- Induced rolling moment on wings of a missile with tilt-wings in 'X-X' configuration at supersonic speeds p 627 A83-43689

## YANG, S. W.

- Ni-base MC-carbide reinforced eutectic alloys for jet engine application p 691 A83-44061

## YANG, V.

- Linear theory of pressure oscillations in liquid fueled ramjet engines p 685 N83-33886

## YANG, Y.

- Unsteady aerodynamic forces and flutter analysis for a wing-aileron-tab configuration p 643 A83-43688

## YANTIS, T. F.

- Progress in propulsion system/airframe structural integration [AIAA PAPER 83-1123] p 437 A83-36234

## YAO, A.

- Complex combined curve design and fitting - A B spline multiple knot method p 651 A83-43699

## YATES, E. C., JR.

- Prediction of transonic flutter for a supercritical wing by modified strip analysis p 62 A83-10190

- Effects of angle of attack on transonic flutter of a supercritical wing p 726 A83-48213

## YAVROUIAN, A. H.

- Influence of liquid water and water vapor on antimisting kerosene (AMK) [NASA-CR-170280] p 404 N83-24711

## YEAGER, W. T., JR.

- Parametric tip effects for conformable rotor applications p 732 A83-50140

- Aeromechanical stability of a hingeless rotor in hover and forward flight - Analysis and wind tunnel tests p 732 A83-50141

- Loads and performance data from a wind-tunnel test of model articulated helicopter rotors with 2 different blade torsional stiffnesses [NASA-TM-84573] p 377 N83-24471

## YEE, B. G. W.

- Use of small crack data to bring about and quantify improvements to aircraft structural integrity p 680 N83-34099

- Probabilistic fracture mechanics analysis methods for structural durability p 701 N83-34104

## YEN, A. T.

- A continuous vorticity panel method for the prediction of steady aerodynamic loads on lifting surfaces p 505 N83-29172

## YEN, T.-C.

- Noise generation by a low-Mach-number jet p 769 A83-49462

## YEO, C. J.

- Ground and flight testing on the fly-by-wire Jaguar equipped with a full time quadruplex digital integrated flight control system p 343 N83-22111

## YEOMANS, D. G.

- Choice of optimal cabin capacity p 318 A83-29968

## YERMIA, M.

- Calculation of the average slipstream of a propeller and its effect on the performance of an aircraft [ONERA, TP NO 1982-120] p 244 A83-24331

- Propeller mean slipstream computation Slipstream influence on aircraft performances [SNIAS-822-111-104] p 389 N83-23299

## YIMIN, Z.

- Study on Time Between Overhauls (TBO) of aircraft turbojet and its reliability p 164 N83-15255

## YIP, L. P.

- Natural laminar flow data from full-scale flight and wind-tunnel experiments p 422 A83-36409

## YOCUM, A. M.

- High angle-of-attack cascade measurements and analysis p 419 A83-35875

## YOKOI, S.

- Variation of rotor blade vibration due to interaction of inlet and outlet distortion p 450 A83-35882

## YONUSHONIS, T. M.

- The load-life relationship for M50 steel bearings with silicon nitride ceramic balls [ASLE PREPRINT 82-LC-3C-4] p 212 A83-13239

## YORK, R. E.

- An experimental investigation of endwall heat transfer and aerodynamics in a linear vane cascade [ASME PAPER 83-GT-52] p 714 A83-47909

## YOSHIDA, A.

- An engine installation for fan jet STOL aircraft using USB powered high lift system (I) engine matching test for circular confluent exhaust duct [NAL-TR-703] p 200 N83-12086

## YOSHIZAWA, Y.

- A study on the hydrogen-oxygen diffusion flame in high speed flow p 296 A83-26199

## YOST, J. O.

- A compact diffuser system for annular combustors [ASME PAPER 83-GT-43] p 738 A83-47903

## YOST, S. R.

- A RF front end interface and AGC modification [NASA-CR-169691] p 147 N83-15276

## YOUNG, A. D.

- Universities - Have they a role in aeronautical research? Contribution to RAES discussion evening p 654 A83-42620

- Wind tunnel investigations of some three-dimensional separated turbulent boundary layers p 662 A83-47019

## YOUNG, C.

- Development of the vortex ring wake model and its influence on the prediction of rotor loads p 194 N83-17481

## YOUNG, C. D., JR.

- Advanced automatic terrain following/terrain avoidance control concepts study p 47 A83-11254

## YOUNG, C. P., JR.

- Cryogenic Wind Tunnel Models Design and Fabrication [NASA-CP-2262] p 290 N83-18748

- Model systems criteria p 291 N83-18749

## YOUNG, D. E.

- A network formulation for phased arrays - Application to log-periodic arrays of monopoles on curved surfaces p 431 A83-35090

## YOUNG, E.

- Application of 3D aerodynamic/combustion model to combustor primary zone study [AIAA PAPER 83-1265] p 454 A83-36316

## YOUNG, G. D.

- Integrated GPS, DLMS, and radar altimeter measurements for improved terrain determination p 324 A83-29212

## YOUNG, J. C.

- Results from tests, with van-mounted sensor, of magnetic leader cable for aircraft guidance during roll-out and turnoff [NASA-TP-2092] p 209 N83-16338

## YOUNG, J. H.

- The use of composite materials in aircraft propellers p 42 A83-12966

## YOUNG, K. J.

- Acoustic wave propagation through the shear layer of the DNW large open jet wind tunnel [AIAA PAPER 83-0699] p 306 A83-25919

## YOUNG, N. J. B.

- The use of production hardware for the development of control laws [ASME PAPER 83-GT-6] p 737 A83-47879

## YOUNG, P. H.

- Advanced propulsion controls - A total system view p 457 A83-36612

## YOUNG, P. N.

- Automatic Carrier Landing System (ACLS) category 3 certification manual [AD-A118181] p 57 N83-11147

## YOUNG, S. G.

- Silicon-slurry/aluminide coating [NASA-CASE-LEW-13343] p 638 N83-31795

## YOUNG, W.

- Consolidated TPS implementation today and tomorrow [AIAA PAPER 83-2495] p 763 A83-48350

## YOUNGBLOOD, J. W.

- Airborne reconnaissance in the civilian sector - Agricultural monitoring from high-altitude powered platforms p 566 A83-39939

- YOUNGSON, G. G.**  
A transonic quasi-3D analysis for gas turbine engines including split-flow capability for turbofans p 190 A83-22647
- YOUSSEF, H. M.**  
Nonlinear controller for the pitch-up region [AIAA PAPER 83-0064] p 168 A83-16496  
Robotic testing for digital systems [SAE PAPER 821422] p 568 A83-37979
- YOUTH, S.**  
Applications of advanced upper surface blowing propulsive-lift technology [SAE PAPER 820956] p 433 A83-33628
- YU-JING, Z.**  
The performance calculation of an axial flow compressor stage p 283 N83-18957
- YU, J. C.**  
Nearfield observations of tones generated from supersonic jet flows [AIAA PAPER 83-0706] p 308 A83-26449
- YU, N. J.**  
Flow simulations for general nacelle configurations using Euler equations [AIAA PAPER 83-0539] p 134 A83-16775  
Transonic flow simulation of prop-fan configurations [AIAA PAPER 83-0187] p 137 A83-19582  
Inviscid drag calculations for transonic flows [AIAA PAPER 83-1928] p 503 A83-39380
- YU, Y. H.**  
Holographic interferometry technique for rotary wing aerodynamics and noise [NASA-TM-84723] p 67 N83-10378
- YUAN, X.**  
A mathematical model on the thermal behaviour of an aircraft cabin p 676 A83-46691
- YUGI, Z.**  
A computational geometry method for blade space geometric design p 165 N83-15260
- YULIAN, W.**  
Experimental study on discharge and loss coefficients of combustor swirlers p 43 N83-11042
- YURCZYK, R. F.**  
Assessment of advanced ejection seat concepts / A progress report/ p 191 A83-15444  
Performance assessment of a reclined ejection seat p 516 A83-37879
- YURKOVICH, S.**  
Controller scheduling - A possible algebraic viewpoint p 567 A83-37093  
Alternatives for jet engine control [NASA-CR-170100] p 338 N83-20945
- Z**
- ZABIEREK, D. W.**  
Evaluation of air-cooled Si3N4 vanes p 224 A83-22263  
A survey of trends in modern turbine technology [AIAA PAPER 83-1174] p 451 A83-36260
- ZABRODSKY, A. SR.**  
Gas turbine performance improvement by retrofit of advanced technology [ASME PAPER 83-GT-222] p 762 A83-48020
- ZACHARIAS, A.**  
Design and manufacture of a transonic wind tunnel model and the investigation of model components under cryogenic flow conditions in the European transonic wind tunnel [BMFT-FB-W-82-015] p 181 N83-13078  
Parameter and design studies for the use of wind tunnel models in the ETW [MBB/FE123/S/PUB/83] p 402 N83-24518
- ZACHAROPOULOS, A.**  
An optimality criterion method for structures with stress, displacement and frequency constraints [AIAA 83-0939] p 356 A83-29769
- ZAGULI, R. J.**  
Wind tunnel evaluation of air-foil performance using simulated ice shapes [NASA-CR-167960] p 138 N83-15265
- ZAGVOZDKINA, V. V.**  
Experimental investigation of a model of the internal exhaust gas mixer configuration of a turbofan engine in the reverse-thrust mode p 614 A83-42146
- ZAHEDI, A.**  
In-flight structural dynamic characteristics of the XV-15 tilt-rotor research aircraft p 29 A83-10191
- ZAITSOV, G. P.**  
On the determination of the load-carrying capacity of the glass-plastic propeller blade of an aircraft p 338 A83-29294
- ZAITSOV, I. I.**  
The tasks and organization of the flight testing of airplanes and helicopters p 674 A83-43901
- ZAK, E. T.**  
Minimizing pilot work load in an advanced development, low-cost Omega/VLF/RNAV system p 671 A83-46954  
Coping with impulse interference in an advanced development, low-cost Omega/VLF/RNAV system p 672 A83-46957
- ZAKHAROV, S. B.**  
The effect of the blunting of the leading edges on the characteristics of separated flow past delta wings of low aspect ratio p 494 A83-37551  
Subsonic compressible-gas separated flow past a low-aspect-ratio wing p 495 A83-37626
- ZAKO, M.**  
Residual life prediction for jet engine rotor disks at elevated temperature p 472 A83-33974
- ZALESK, T.**  
Carnier landing simulation results of precision flight path controllers in manual and automatic approach [AIAA PAPER 83-2072] p 592 A83-41909
- ZALESCH, E.**  
Commonality potential of future public service helicopters and Army light utility helicopters [AIAA PAPER 83-2553] p 720 A83-49593
- ZALMANOVICH, A.**  
Theoretical stiffness matrix correction by using static test results p 229 A83-21007
- ZAMULA, G. N.**  
On the formulation of the finite-element method in heat-conduction problems for aircraft structures p 556 A83-37515
- ZANDBERGEN, T.**  
In-flight acoustic measurements in the engine intake of a Fokker F28 aircraft [AIAA PAPER 83-0677] p 279 A83-25909
- ZANG, T. A.**  
Pseudospectral calculation of shock turbulence interactions [NASA-CR-172133] p 491 N83-27952
- ZANOTTI, C.**  
Consideration on the fatigue damage of specimens used for composite critical components qualification p 697 A83-46307
- ZAPATA, R. N.**  
Development of the design concepts for a medium-scale wind tunnel magnetic suspension system [NASA-CR-166042] p 176 N83-15320
- ZARCHAN, P.**  
Digital homing guidance - Stability vs performance trade-offs [AIAA PAPER 83-2167] p 590 A83-41663  
Line of sight reconstruction for faster homing guidance [AIAA PAPER 83-2170] p 591 A83-41666
- ZARETSKY, E. V.**  
Advances in high-speed rolling-element bearings p 231 A83-22319  
NASA helicopter transmission system technology program p 302 N83-20120  
NASA transmission research and its probable effects on helicopter transmission design [NASA-TM-83389] p 408 N83-24858
- ZASCHEL, J. M.**  
Operational loads at nose and main landing gear of an airplane of type Airbus A 300 B2 during normal service of the German Lufthansa [BMFT-FB-W-82-010] p 33 N83-11120
- ZASLOFSKAIA, L. A.**  
A software package for computing the three-dimensional stressed state of the blades of gas-turbine engines p 354 A83-28507
- ZEEMANS, H. J.**  
In-flight acoustic measurements in the engine intake of a Fokker F28 aircraft [AIAA PAPER 83-0677] p 279 A83-25909
- ZEIGLER, F.**  
Transonic and nonlinear flow research [AD-A121477] p 246 N83-19719
- ZEISEL, K. S.**  
NASA F-106B lightning ground tests p 586 N83-31195  
Lightning tests on the WC-130 research aircraft [AD-A129141] p 722 N83-36014
- ZEISLOFT, H.**  
Autogas flight test in a Cessna 150 airplane [SAE PAPER 830706] p 599 A83-43317  
Aviation energy and the future of the recreational use of sport and general aviation aircraft p 352 N83-22444
- ZEISSER, M. H.**  
A JT8D low emissions combustor by radial zoning [AIAA PAPER 83-1324] p 455 A83-36339  
Energy efficient engine sector combustor ng test program [NASA-CR-167913] p 283 N83-19753
- ZEITLIN, A.**  
Minimum TCAS 2 threat detection and resolution logic status p 145 N83-14089
- ZEITLIN, A. D.**  
Development of airborne collision avoidance algorithms compatible with the national airspace system p 511 A83-37141
- ZEITUNIAN, R. KH.**  
The aerodynamics of hypersonic velocities (On flows with low Mach numbers) p 417 A83-35535
- ZELAHY, J. W.**  
Materials for advanced turbine engines Volume 1 Advanced blade tip seal system [NASA-CR-167851-VOL-1] p 166 N83-15308
- ZELLER, J. R.**  
Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane [AIAA PAPER 83-0537] p 163 A83-19593  
Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane [NASA-TM-83088] p 339 N83-22201
- ZELLWEGER, A. G.**  
Advanced Automation System (AAS) transition strategy [FAA-AP-83-1] p 382 N83-24493
- ZEMPOLICH, B. A.**  
Integrated digital avionics systems - Promise and threats p 764 A83-48890
- ZEMSKAIA, A. S.**  
Optimum wire screens for control of turbulence in wind tunnels p 417 A83-33772
- ZENOBI, T. J.**  
Aircraft acceleration sensitive inertia reel lock [AD-A122208] p 250 N83-19723  
Ejection seat-mounted crewmember restraint integrated with survival vest and flotation [AD-A126859] p 585 N83-30399  
Aircraft acceleration sensitive inertia reel lock [AD-A126739] p 721 N83-34924
- ZENZ, H. P.**  
Flight testing of inertial navigation systems Hardware and software description [ESA-TT-772] p 515 N83-27974
- ZERNOV, I. A.**  
Aircraft production technology (2nd revised and enlarged edition) p 415 A83-36443
- ZHANG, D.**  
Multi-level substructural analysis in modal synthesis - Two improved substructural assembling techniques p 300 A83-26764
- ZHANG, G.**  
On the numerical solution of head-on vehicle shock-planar incident shock interaction flow p 659 A83-44556  
Numerical calculation of lift, moment coefficient and dynamic stability derivative on sideslipping wings in unsteady supersonic flows p 9 N83-10005
- ZHANG, L.**  
System identification and aircraft flutter p 215 A83-15546
- ZHANG, X. N.**  
A study of lean extinction limit for pilot flame holder p 469 A83-35821
- ZHANG, Y.**  
Aerodynamic characteristics of maneuvering flaps p 8 N83-10004
- ZHANG, Y.-M.**  
Statistical study of TBO and estimation of acceleration factors of ASMT for aircraft turbo-engine p 448 A83-35858
- ZHAO, M. X.**  
The testing in BIA hypersonic gun tunnel p 290 A83-26133
- ZHAO, Q. S.**  
Effect of oxygen addition on ignition of aero-gas turbine at simulated altitude facility p 39 A83-10660
- ZHAO, Y. H.**  
Effect of oxygen addition on ignition of aero-gas turbine at simulated altitude facility p 39 A83-10660
- ZHDANOV, V. T.**  
Theory and design of flight-vehicle engines p 211 A83-22651
- ZHENG, J.**  
Calculation of the lift distribution and aerodynamic derivatives of quasi-static elastic aircraft p 10 N83-11036
- ZHENG, Y.**  
Relaxation computation of transonic flows around wings with blunt leading-edge and discussion on its stability and convergence p 178 A83-15543
- ZHENG, Z.**  
Survey of transonic flow research in China [AD-A122788] p 315 N83-20923
- ZHIFU, F.**  
Several problems in the design of environmental wind tunnels p 690 N83-32739



**ZHIGULEV, S. V.**

A version of a single-beam laser time-of-flight method for measuring flight velocity p 557 A83-37642

**ZHONGZHI, W.**

The general assembly and painting of the Yier - 86 passenger plane p 32 N83-11054

**ZHOU, R.**

Complex combined curve design and fitting - A B-spline multiple knot method p 651 A83-43699

**ZHOU, S.**

Numerical prediction of choking flutter of axial compressor blades [AIAA PAPER 83-0006] p 160 A83-16458

**ZHOU, X. H.**

An aerodynamic design method for transonic axial flow compressor stage [AD-A118278] p 44 N83-11132

**ZHU, F. Y.**

An aerodynamic design method for transonic axial flow compressor stage [AD-A118278] p 44 N83-11132

**ZHU, S.**

Control logic for landing-abort autopilot mode [UTIAS-258] p 204 N83-13111

**ZHU, Z.**

Calculation of three-dimensional turbulent boundary layer on an infinite swept wing p 659 A83-44555

**ZHUANG, F. G.**

The testing in BIA hypersonic gun tunnel p 290 A83-26133

**ZHUKOV, O. M.**

Experimental investigation of a model of the internal exhaust gas mixer configuration of a turbofan engine in the reverse-thrust mode p 614 A83-42146

**ZHAO-LAN, S.**

Application of the finite element method to the solution of transient two-dimensional temperature field for air-cooled turbine blade p 301 N83-18958

**ZICKER, J. E.**

Electromagnetic test-facility characterization. An identification approach [DE83-004274] p 360 N83-22498

**ZIEGLER, C. E.**

The measurement of impulsive forces on a wind tunnel model with a conventional strain gage balance p 55 A83-11069

**ZIEGLER, W.**

Lightning strikes to aircraft of the German Federal Armed Forces p 586 N83-31193

**ZIEMANN, J.**

Convergence behavior that controls adaptive wind tunnel walls near the test section in the high angle of attack range [NASA-TM-77006] p 631 N83-30439

**ZIESE, R.**

The employment of digital signal processing in radar devices - Advantages and disadvantages for the practice p 26 A83-13014

**ZIKEEV, V. V.**

Profile losses during the release of air onto the surface of nozzle vanes p 418 A83-35590

**ZIMENKOV, V. O.**

An algorithm of flight simulation on a dynamic stand of support type p 462 A83-34429

**ZIMMERMANN, H.**

Flight flutter testing with emphasis on the tip vane method p 628 N83-30381

**ZIMMER, H.**

Design, construction, and testing of an experimental propeller in the 750 PS performance class [DGLR PAPER 82-066] p 274 A83-24180

An improved propeller for general-aviation aircraft p 736 A83-47194

Design, construction and test of an experimental propeller in the power range 750 HP [BMFT-FB-W-83-004] p 507 N83-29184

**ZIMMERMAN, P. J.**

Development of simulated mission endurance test acceleration factors in determining engine component serviceability and failure mode criticality [AIAA PAPER 83-1409] p 457 A83-36398

**ZIMMERMANN, H.**

Flight flutter testing with emphasis on the tip vane method [ONERA, TP NO 1982-109] p 152 A83-18435

Unsteady airloads on supercritical wings p 717 A83-49179

**ZIMONT, E. L.**

A model for determining the reliability of an aircraft wing structure p 557 A83-37638

**ZIMONT, V. L.**

Characteristics of the supersonic combustion of nonmixed gases in ducts p 758 A83-49778

**ZINBERG, H.**

Flight service evaluation of composite components on the Bell Helicopter model 206L. Design, fabrication and testing [NASA-CR-166002] p 177 N83-14169

**ZINKOVSKII, A. P.**

A study of the damping capacity of rods in a centrifugal force field p 695 A83-45322

**ZINN, B. T.**

Prediction of sound radiation from different practical jet engine inlets [NASA-CR-169533] p 223 N83-13936

**ZIPKIN, M. A.**

Reengineering the key to aircraft renewal [AIAA PAPER 83-1372] p 675 A83-45514

**ZISLIN, A. M.**

Development and test of an integrated sensory system for advanced aircraft p 390 A83-30159

**ZIZELMAN, J.**

Dilution jet experiments in compact combustor configurations p 538 N83-29218

**ZOLA, C. L.**

Conventional profile coaxial jet noise prediction p 237 A83-22128

**ZOOK, C. T.**

Aviation gasoline - Issues and answers [SAE PAPER 830705] p 634 A83-43316

**ZORUMSKI, W. E.**

Propeller noise prediction [NASA-TM-85636] p 571 N83-28984

**ZORZI, E. S.**

Power turbine dynamics - An evaluation of a shear-mounted elastomeric damper [ASME PAPER 83-GT-228] p 763 A83-48025

**ZRNIC, D. S.**

Optimum siting of NEXRAD to detect hazardous weather at airports p 304 A83-24037

Radar detection of low level wind shear affecting aircraft terminal navigation p 322 A83-28784

Scanning strategies for next generation weather radars. A study based on lifetimes of convective atmospheric phenomena hazardous to aviation [FAA-RD-82-69] p 476 N83-25929

**ZUEV, L. K.**

The effect of slot suction on the aerodynamic characteristics of an airfoil at transonic velocities p 494 A83-37552

**ZUGUO, J.**

The biparametric cycle count method and the principle of simplification p 698 N83-32730

**ZUK, J.**

Helicopter technology benefits and needs. Volume 1. Summary [NASA-CR-166469-VOL-1] p 368 N83-23240

Helicopter technology benefits and needs. Volume 2. Appendices [NASA-CR-166470-VOL-2] p 369 N83-23241

**ZULIANI, F. C.**

Microcomputer brings digital power to the small aircraft gas turbine [SAE PAPER 821402] p 533 A83-37975

**ZUQING, Y.**

The optical oil flow technique in a shock wave wind tunnel p 690 N83-32741

**ZWAAN, R. J.**

Aeroelastic problems of wings in transonic flow p 314 N83-20904

**ZWICKE, P. E.**

Study of an automatic trajectory following control system [NASA-CR-166121] p 547 N83-29271

**ZYKOV, V. I.**

Investigation of the combined regulation of the intermediate stage of a centrifugal compressor by an axial regulating apparatus and a two-row diffuser p 407 A83-33149

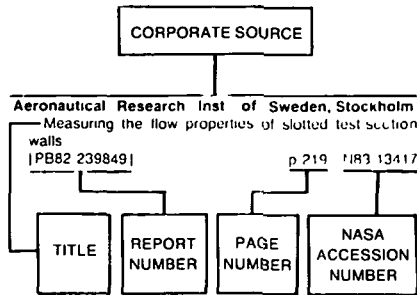
# CORPORATE SOURCE INDEX

AERONAUTICAL ENGINEERING / A Continuing Bibliography

JANUARY 1984

1983 Cumulative Index

## Typical Corporate Source Index Listing



Listings in this index are arranged alphabetically by corporate source. The title of the document is used to provide a brief description of the subject matter. The page number and the accession number are included in each entry to assist the user in locating the abstract in the abstract section. If applicable, a report number is also included as an aid in identifying the document.

## A

### Acurex Corp., Morrisville, N C

Pilot scale assessment of conventional particulate control technology for pressurized fluidized-bed combustion emissions  
[PB82-230921] p 220 N83-13673

### Advisory Group for Aerospace Research and Development, Neuilly-Sur-Seine (France)

Criteria for Handling Qualities of Military Aircraft  
[AD A118596] p 48 N83-10054

Fluid Dynamics Panel Symposium on Aerodynamics of Power Plant Installation  
[AGARD-AR 173] p 45 N83 11138

Propulsion and energetics panel, working group 13 on alternative jet engine fuels Volume 1 Executive summary  
[AGARD-AR-181 VOL-1] p 62 N83-11350

Propulsion and energetics panel, working group 13 on alternative jet engine fuels Volume 2 Main report  
[AGARD-AR 181-VOL-2] p 62 N83-11351

Image Processing Techniques  
[AGARD-LS-119] p 67 N83 11390

Applied computational transonic aerodynamics  
[AD A121012] p 137 N83-14064

Operational loads measurement and evaluation  
[AD-A122163] p 153 N83-14104

Aircraft Dynamic Response to Damaged and Repaired Runways  
[AGARD-CP 326] p 157 N83-15284

The problem of design criteria for aircraft loads due to rough runway operation  
p 158 N83 15298

A fighter landing gear for the 1980 s  
p 158 N83-15301

The Actidyne active magnetic bearing  
p 185 N83-15533

Prediction of Aerodynamic Loads on Rotocraft  
[AD-A124260] p 188 N83-17470

The role of analysis in the aerodynamic design of advanced rotors  
p 192 N83-17471

Human Factors Aspects of Aircraft Accidents  
[AD124287] p 188 N83 17490

Criteria for handling qualities of military aircraft  
[AD-A124222] p 217 N83 17555

Practical Considerations of Design, Fabrication and Tests for Composite Materials  
[AD-A123450] p 227 N83-17609

Gyroscopic instruments and their application to flight testing  
[AGARD-AG 160-VOL-15] p 233 N83-17855

Distributed micro-processor applications to guidance and control systems  
[AD A119562] p 236 N83 18295

Wall Interference in Wind Tunnels  
[AD-A124122] p 347 N83-20957

Advances in Guidance and Control Systems  
[AD-A125687] p 311 N83-22093

Air Traffic Control in Face of Users Demand and Economy Constraints  
[AD-A127146] p 325 N83 22177

Recent Transonic Flutter Investigation for Wings and External Stores  
[AD A128162] p 345 N83-22215

Technical evaluation report on the Fluid Dynamics Panel Specialists' Meeting on Prediction of Aerodynamic Loads on Rotocraft  
[AGARD-AR 189] p 426 N83-25682

AGARD Bulletin Meetings, publications, membership  
[AGARD-BULL-83/1] p 417 N83 26786

Engine Handling  
[AD-A129168] p 540 N83-29241

Flight test experience on military aircraft engine handling  
p 541 N83-29248

Survey of missile simulation and flight mechanics facilities in NATO  
[AD A128440] p 550 N83-29276

Proceedings of the AGARD Fluid Dynamics Panel Specialists Meeting on Wall Interference in Wind Tunnels  
[AGARD-AR-190] p 550 N83-29277

Ground/Flight Test Techniques and Correlation  
[AD A129433] p 576 N83-30357

Modern Display Technologies for Airborne Applications  
[AD A129876] p 610 N83-30414

Some considerations on short crack growth behaviour in aircraft structures  
[AGARD-R-696] p 646 N83-31061

Behaviour of Short Cracks in Airframe Components  
[AGARD-CP 328] p 700 N83-34095

Advances in sensors and their integration into aircraft guidance and control systems  
[AGARD AG 272] p 712 N83-34891

Propulsion and energetics panel working group 14 on suitable averaging techniques in nonuniform internal flows  
[AGARD-AR 182(ENG)] p 748 N83-34953

Advisory Group for Aerospace Research and Development, Paris (France)

Wind tunnel flow quality and data accuracy requirements  
[AGARD-AR 184] p 376 N83-23276

AEG-Telefunken, Ulm (West Germany)

A mm-wave collision warning device for helicopters  
p 645 N83-30895

Aeritalia S p A, Caselle Torinese (Italy)

Tornado flight control software validation Methodology and tools  
p 364 N83-22135

Aeritalia S p A, Torino (Italy)

Correlation problems between flutter flight test data and ground tests/calculation results for a variable sweep wing aircraft  
p 628 N83-30379

Aeronautical Research Inst of Sweden, Bromma

Contouring tunnel walls to achieve free-air flow over a transonic swept wing  
[AIAA PAPER 83-1725] p 492 A83-37211

Aeronautical Research Inst of Sweden, Stockholm

Measuring the flow properties of slotted test-section walls  
[PB82 239849] p 219 N83-13417

Simplified free wake analysis for rotors  
[FFA TN 1982-07] p 195 N83-17518

An experimental investigation of the influence from controls on supersonic axisymmetric flow over afterbodies with a centered propulsive jet  
[FFA TN-1982 50] p 377 N83-23280

The FFA wing body 83 computer program A panel method for determination of aeroelastic characteristics at subsonic and supersonic speeds  
[FFA-TN-1983-3] p 665 N83-32780

Aeronautical Research Labs, Melbourne (Australia)

The effect of water displacing corrosion preventives on stress corrosion cracking of aluminium alloy 7075-T651  
[ARL MAT NOTE-132] p 60 N83 10173

An interferometric investigation of the near design point flow over supercritical aerofoil BGK 1  
[ARL/AERO NOTE-405] p 10 N83-11057

The influence of water-displacing organic corrosion inhibitors on the fatigue behaviour of 2024 T3 alclad aluminium alloy bolted joints  
[ARL STRUC-REPORT-390] p 61 N83-11281

Hazards of colour coding in visual approach slope indicators  
[ARL/REPT 25] p 186 N83 12057

Computer graphic presentation of conventional cockpit instruments  
[ARL/SYS NOTE 82] p 197 N83-12082

A general program for predicting rigid-aircraft gust response  
[ARL/AERO-NOTE-407] p 203 N83-12097

A projected large low-speed wind tunnel to meet Australian requirements Aerodynamics note  
[AD-A118913] p 209 N83-13125

Digital filtering of helicopter flight data  
[ARL/AERO-NOTE-406] p 154 N83 14106

Flutter substantiation tests on a Transavia PL-12/T-300 Airtruk  
[AD A118895] p 170 N83-14134

A set of flight dynamic equations for aircraft simulation  
[AD-A119543] p 175 N83-14143

Design of a new contraction wide angle diffuser and flow manipulators for the low speed wind tunnel  
[AD-A119544] p 175 N83-14144

Procedure for application of boron fibre reinforced plastic patch to the Mirage lower wing skin fuel decant region  
[AD-A119545] p 177 N83-14173

Cockpit temperatures and cooling requirements of a packed aircraft  
[ARL-MECH-ENG-NOTE-388] p 205 N83-16327

An evaluation of engine performance assessment procedures for the Lycoming T53 engine as installed in the Iroquois helicopter  
[ARL-MECH-ENG-NOTE 387] p 282 N83-18728

Aerodynamic test facility requirements for defence R and D to 2000 and beyond  
[AD-A122096] p 293 N83-19763

Manufacture of a hot wire target element for a cloud liquid water content meter  
[AD-A122111] p 304 N83-20500

Special finite elements for sheets with loaded circular holes  
[ARL/STRUC-REPT-392] p 360 N83-22625

An analytical evaluation of three visual approach slope indicators  
[AD-A122973] p 382 N83-23290

Propeller power effects with wing flaps deflected  
[ARL/AERO NOTE-413] p 393 N83-23307

The ARL transonic wind tunnel  
[ARL/AERO-NOTE-412] p 401 N83-23327

Resonance tests on the tail of a CT4 aircraft  
[AD-A124566] p 441 N83 25703

Programs for the transonic wind tunnel data processing installation Part 10 Six component measurements updated  
[AD-A122248] p 427 N83-26824

Lectures on Composite Materials for Aircraft Structures  
[ARL/STRUC-REPT 394] p 635 N83-30523

Introduction to Lectures on Composite Materials for Aircraft Structures  
p 635 N83-30524

Component form and manufacture  
p 635 N83 30529

SOURCE

- Structural mechanics of fibre composites p 635 N83-30530
- Joining advanced fibre composites p 636 N83-30531
- Environmental effects and durability p 636 N83-30532
- Damage tolerance of fibre composite laminates p 636 N83-30533
- NDI of fibre reinforced composite materials p 636 N83-30534
- Repair of graphite/epoxy composites p 636 N83-30535
- Aircraft applications p 636 N83-30536
- Airworthiness considerations p 636 N83-30537
- Combat performance evaluation of fighter aircraft. A suite of FORTRAN-IV programs based on energy manoeuvrability theory [AD-A128263] p 608 N83-31599
- Operating instructions manual for Microprocessor Airborne Data Acquisition and Replay (MADAR) module [AD-A128558] p 648 N83-32031
- Preliminary kinematic consistency checking of helicopter flight data [ARL/AERO-NOTE-414] p 678 N83-32794
- Sea King helicopter flight trials [ARL/AERO-NOTE-415] p 733 N83-36023
- Aeronautical Systems Div., Wright-Patterson AFB, Ohio**
- The HAVE BOUNCE Program p 157 N83-15291
- Handbook of Military Aircraft Design Normal Load Factor Exceedance Data [AD-A120870] p 267 N83-19743
- Analysis of United States Air Force aircraft accumulators [AD-A122092] p 267 N83-19746
- Lightning interaction with USAF aircraft p 587 N83-31214
- Aeroplane and Armament Experimental Establishment, Boscombe Down (England)**
- The repaired runway clearance environment p 176 N83-15290
- The criteria used for assessing acceptable engine handling on UK military aircraft p 540 N83-29244
- Aeroporos e Navegacao Aerea E P, Lisbon (Portugal)**
- Air traffic services in Portugal p 325 N83-22182
- Aerospace Corp., El Segundo, Calif**
- Potential fuel savings through improved airframe maintenance p 188 N83-17456
- Aerospace Corp., Los Angeles, Calif**
- Electrodynamics of the stratosphere using 5000 cu m superpressure balloons p 525 A83-39818
- Aerospace Medical Research Labs., Wright-Patterson AFB, Ohio**
- USAF bioenvironmental noise data handbook Volume 172 Hush-noise suppressor (Aero Systems Engineering, Incorporated) far-field noise [AD-A118773] p 223 N83-12973
- USAF Bioenvironmental Noise Data Handbook Volume 155 CH-3 in-flight crew noise [AD-A120791] p 191 N83-16154
- USAF bioenvironmental noise data handbook Volume 157 KC-10A in-flight crew noise [AD-A120507] p 191 N83-16156
- Vertical impact tests of a modified F/FB-111 crew seat to evaluate headrest position and restraint configuration effects [AD-A120255] p 197 N83-16311
- USAF Environmental Noise Data Handbook Volume 150 C-140 in-flight crew noise [AD-A120508] p 238 N83-17246
- USAF Bioenvironmental Noise Data Handbook Volume 152 C-12A in-flight crew noise [AD-A120509] p 238 N83-17247
- USAF Bioenvironmental Noise Data Handbook Volume 160 KC-10A aircraft, near and far-field noise [AD-A121301] p 309 N83-19579
- Critical research issues on cockpit applications of 3-D displays p 272 N83-20697
- USAF Bioenvironmental Noise Data Handbook Volume 156 HH-1N in-flight crew noise [AD-A122601] p 368 N83-23118
- Far-field acoustic data for the Texas ASE, Inc Hush-House, supplement [AD-A122844] p 412 N83-24289
- Visual judgments of optical distortions in aircraft windcreens [AD-A124307] p 390 N83-24503
- USAF (United States Air Force) bioenvironmental noise data handbook Volume 2 Index [AD-A126851] p 653 N83-31421
- Aerospace Systems, Inc., Burlington, Mass**
- Effects of dynamic stall on SWECs p 409 N83-23732
- AeroVironment, Inc., Pasadena, Calif**
- Sun-powered aircraft designs p 386 A83-32577
- Air Force Academy, Colo**
- Measurement of wake interactions of a canard and a forward swept wing [AD-A118756] p 180 N83-12053
- Air Force Academy Aeronautics Digest, Fall/Winter, 1981 [AD-A119168] p 176 N83-13066
- Catapult dynamics in a high acceleration environment [AD-A122314] p 250 N83-19724
- Air Force Academy Aeronautics Digest, Spring/Summer 1982 [AD-A128248] p 577 N83-31571
- Optimal periodic control [AD-A130114] p 752 N83-36037
- Air Force Aero Propulsion Lab., Wright-Patterson AFB, Ohio**
- Application of strain gauges and thermocouples to rotating and stationary hardware p 215 N83-12266
- Signal transmission via sliprings and telemetry p 216 N83-12267
- Coaxial dump combustor investigations p 459 N83-26791
- The use of vortex generators as inexpensive compressor casing treatment p 459 N83-26798
- Air Force Avionics Lab., Wright-Patterson AFB, Ohio**
- Avionics software support cost model p 335 N83-22147
- Air Force Engineering and Services Center, Tyndall AFB, Fla**
- Minimum operating strip selection procedure p 175 N83-15285
- Proposed specifications for international interoperability on repaired bomb damaged runways p 175 N83-15286
- Program Management Plan (PMP) for Rapid Runway Repair (RRR) [AD-A128565] p 754 N83-34957
- Air Force Flight Dynamics Lab., Wright-Patterson AFB, Ohio**
- Aircraft equipment random vibration test criteria based on vibrations induced by turbulent airflow across aircraft external surfaces [AD-A123281] p 440 N83-25696
- Advances in ejector technology A tribute to Hans von Ohain's vision p 477 N83-26805
- Statistical experimental designs in computer aided optimal aircraft design p 442 N83-26812
- Air Force Flight Test Center, Edwards AFB, Calif**
- Experimental comparison of icing cloud instruments [AIAA PAPER 83-0026] p 585 A83-42099
- Development of handling qualities testing in the 70's A new direction p 51 N83-10077
- Aerodynamic characteristics of the AFFTC noseboom instrumentation unit, volume 1 [AD-A118315] p 14 N83-11089
- Development of curves for estimating aircraft arresting hook loads [AD-A119551] p 156 N83-14119
- Predicted and flight test results of the performance and stability and control of the space shuttle from reentry to landing p 634 N83-30360
- Environmental control subsystems flight test handbook [AD-A126872] p 606 N83-30408
- Air Force Geophysics Lab., Hanscom AFB, Mass**
- Azimuth monitoring experiment [AD-A120834] p 148 N83-15278
- Heater-generated intermediate-scale irregularities Spatial distribution and spectral characteristics [AD-A120866] p 302 N83-20048
- Analysis and specification of slant wind shear [AD-A125883] p 479 N83-26367
- (?) The Air Force Geophysics Laboratory Aeronomy, aerospace instrumentation, space physics, meteorology, terrestrial sciences and optical physics [AD-A126004] p 767 N83-36570
- Air Force Human Resources Lab., Brooks AFB, Tex**
- Computer based maintenance aids system Preliminary development and evaluation of a prototype [AD-A120627] p 187 N83-16281
- Air Force Inst. of Tech., Wright-Patterson AFB, Ohio**
- Direct lightning strikes to aircraft [AD-A118075] p 16 N83-11100
- Application of output predictive algorithm control to a terrain following aircraft system [AD-A118036] p 27 N83-11105
- Digital flight control system design using singular perturbation methods [AD-A118117] p 53 N83-11143
- Design and Analysis of a multivariable, digital controller for the A-7D Digital 2 aircraft and the development of an interactive computer design program [AD-A118134] p 53 N83-11144
- A new capability for elastic aircraft airloads via NASTRAN p 218 N83-12464
- A qualitative analysis of SAC aircraft maintenance [AD-A122815] p 311 N83-20908
- A system dynamics policy analysis model of the Air Force engine management system [AD-A122829] p 339 N83-20950
- Decision support systems An approach to aircraft maintenance scheduling in the Strategic Air Command [AD-A123039] p 372 N83-23269
- Aircraft availability An acquisition decision strategy [AD-A123060] p 372 N83-23271
- An analysis of the F-16 aircraft requirements generation process and its adverse impact on contractor rate capacity [AD-A123003] p 373 N83-23272
- Cost analysis of turbine engine warranties [AD-A123034] p 394 N83-23313
- A prototype model for the development of training systems and the acquisition of aircrew training devices for developing weapon systems [AD-A123041] p 401 N83-23331
- Computer prediction of store aerodynamic loading during separation [AD-A124693] p 378 N83-24483
- Roughness effects on compressor outlet guide vanes at high Reynolds Number and high turning angle [AD-A124688] p 395 N83-24511
- An evaluation of the pavement condition index prediction model for rigid airfield pavements [AD-A123002] p 402 N83-24524
- The effects of the Production Oriented Maintenance Organization (POMO) concept on ADTAC aircraft maintenance productivity and quality [AD-A123981] p 416 N83-25655
- Airframe RDT&E cost estimating A justification for and development of unique cost estimating relationships according to aircraft type [AD-A123848] p 417 N83-25656
- Wind tunnel investigation of varying hinged flaps [AD-A124703] p 424 N83-25668
- Transient heat-transfer measurement technique in wind tunnel and data analysis technique using system identification theory [AD-A124663] p 424 N83-25669
- Theoretical determination of the lift of a simulated ejector wing [AD-A124695] p 425 N83-25670
- Wind tunnel test of a C-18 aircraft modified with the advanced range instrumentation aircraft radome [AD-A124771] p 425 N83-25671
- A wind tunnel study of the effects of a close-coupled canard on the aerodynamic characteristics of a forward-swept wing in incompressible flow [AD-A124722] p 425 N83-25673
- Application of a finite difference method to the transonic airfoil problem [AD-A124720] p 425 N83-25674
- ACES II negative Gz restraint investigation [AD-A124713] p 430 N83-25685
- Experimental testing of flying qualities theories [AD-A124699] p 440 N83-25697
- An experimental/analytical investigation into the performance of a 20-percent thick, 8.5-percent cambered, circulation controlled airfoil [AD-A124732] p 441 N83-25701
- Design and analysis of a subcritical airfoil for high altitude, long endurance missions [AD-A124757] p 441 N83-25702
- Modeling the helmet-mounted sight system [AD-A124681] p 444 N83-25709
- Investigation of an improved finite element model for a repaired T-38 horizontal stabilizer flutter analysis using NASTRAN [AD-A124741] p 461 N83-25717
- Gust response prediction of an airfoil using a modified von Karman-Pohlhausen technique [AD-A124716] p 461 N83-25718
- Flutter prediction in forward-swept wings by assumed modes and strip theory [AD-A124715] p 461 N83-25719
- A placement model for flight simulators [AD-A123782] p 466 N83-25730
- Generating an out-the-window cockpit image with the iAPX 432 [AD-A124852] p 466 N83-25735
- A parametric study of surface imperfections and small cutouts in a composite panel [AD-A124739] p 470 N83-25793
- Analysis of F-16 radar discrepancies [AD-A124749] p 476 N83-25948
- Design of choking cascade turns [AD-A124792] p 477 N83-26023
- Static aeroelastic analysis of flexible wings via NASTRAN, part 1 [AD-A124662] p 477 N83-26099
- Structural model tuning via vector optimization [AD-A124791] p 477 N83-26103

A review and comparison of lightning return stroke models using experimental data  
[AD-A124680] p 479 N83-26345

Development of an oculometer data collection subsystem  
[AD-A124700] p 481 N83-26501

An interactive bombing mission simulation with computer graphics interface  
[AD-A124661] p 481 N83-26637

Computation of incompressible potential flow over an airfoil using a high order aerodynamic panel method based on circular arc panels  
[AD-A124896] p 428 N83-26825

Investigation of a third order baro-damped verticle channel of INS  
[AD-A124882] p 432 N83-26828

Dynamic characteristics of aenal refueling systems  
[AD-A124770] p 442 N83-26830

Survivability of interdiction aircraft. Sensitivity to terrain following, command altitude, velocity and electronic counter measures  
[AD-A124870] p 443 N83-26833

Application of the vortex-lattice method to propeller performance analysis  
[AD-A124837] p 459 N83-26840

High-gain error actuated flight control systems for continuous linear multivariable plants  
[AD-A124871] p 462 N83-26848

Analysis of progressive collapse of complex structures  
[AD-A125266] p 478 N83-27260

Design and evaluation of cascade test facility  
[AD-A125622] p 549 N83-28009

An experimental study into the scaling of an unswep-sharp-fin-generated shock/turbulent boundary layer interaction  
[AD-A126919] p 645 N83-30967

A portable physiological data recorder using magnetic bubble memory  
[AD-A127304] p 646 N83-30997

A life cycle cost management primer for use within the Aeronautical Systems Division  
[AD-A127267] p 654 N83-31519

Effect of test result uncertainty on the performance of a context-free troubleshooting task  
[AD-A128584] p 577 N83-31573

Design of a multivariable tracker control law for the A-7D Digitaic 2 aircraft  
[AD-A127440] p 629 N83-31607

A lateral-directional controller for high-angle-of-attack flight  
[AD-A128579] p 630 N83-31609

Optimization of long range major rehabilitation of airfield pavements  
[AD-A127579] p 632 N83-31613

Aeroelastic properties of straight and forward swept graphite/epoxy wings  
[AD-A127014] p 638 N83-31734

Aeroelastic stability of a forward swept wing with wing tip stores  
[AD-A125457] p 678 N83-32797

Unsymmetric laminated graphite/epoxy composite plate and beam analysis for determining coefficients of thermal expansion  
[AD-A128625] p 765 N83-35416

**Air Force Logistics Command, Wright-Patterson AFB, Ohio**

F100 engine build policy findings  
[AD-A122868] p 311 N83-20907

**Air Force Occupational and Environmental Health Lab., Brooks AFB, Tex.**

The C-9A interior noise evaluation  
[AD-A129256] p 770 N83-36852

**Air Force Systems Command, Eglin AFB, Fla**

Ejection seat testing for females  
[AD-A122870] p 381 N83-23285

**Air Force Systems Command, Wright-Patterson AFB, Ohio**

Acta Aeronautica et Astronautica Sinica  
[AD-A117465] p 3 N83-10003

Aerodynamic characteristics of maneuvering flaps  
p 8 N83-10004

Numerical calculation of lift, moment coefficient and dynamic stability derivative on sideslipping wings in unsteady supersonic flows  
p 9 N83-10005

Numerical computation of unsteady subsonic aerodynamic forces on wing-body-tail exposed to traveling gust  
p 9 N83-10006

The effect of the stator with unequal pitch cascades on the compressor blade vibration  
p 42 N83-10013

The simulation study on a redundant flight control system  
p 3 N83-10014

Design of the leading edge of a delta wing  
[AD-A117469] p 31 N83-10036

Journal of Aeronautics  
[AD-A118185] p 6 N83-11035

Calculation of the lift distribution and aerodynamic derivatives of quasi-static elastic aircraft  
p 10 N83-11036

Preliminary study on variable porosity walls for a transonic wind tunnel  
p 57 N83-11037

Shock wave boundary layer interaction in compressor cascades  
p 43 N83-11041

Experimental study on discharge and loss coefficients of combustor swirlers  
p 43 N83-11042

Aerodynamic coefficient identification of time-varying aircraft system and its application  
p 10 N83-11044

An adjustment method and engineering realization for control curves of the 2-variable function  
p 32 N83-11045

Development of double-rotor supercharged turbojet engines in the USSR as seen from models R11 to R29  
p 43 N83-11050

The problems of refitting aero-gas turbine engines for multiple uses  
p 43 N83-11052

Success of dye forging titanium discs on a gunpowder hammer  
p 60 N83-11053

The general assembly and painting of the Yier - 86 passenger plane  
p 32 N83-11054

An aerodynamic design method for transonic axial flow compressor stage  
[AD-A118278] p 44 N83-11132

Chinese aviation in the eyes of American experts  
[AD-A118961] p 128 N83-14063

The manufacture of interior decoration wall plates for the Yier-86 aircraft  
[AD-A118962] p 155 N83-14112

Study on Time Between Overhauls (TBO) of aircraft turbojet and its reliability  
p 164 N83-15255

Experimental research on perforated acoustic liners in turbojet engine afterburners  
p 165 N83-15256

A computational geometry method for blade space geometric design  
p 165 N83-15260

Overspeed and overtemperature tests and dissection examination of the turbine discs made of a iron-nickel base superalloy  
p 165 N83-15261

Radio navigation and airplane navigation  
[AD-A120595] p 202 N83-16325

Journal of Engineering Thermophysics (selected articles)  
[AD-A122037] p 301 N83-18953

An experiment to improve the surge margin by use of cascade with splitter blades  
p 283 N83-18956

The performance calculation of an axial flow compressor stage  
p 283 N83-18957

Application of the finite element method to the solution of transient two-dimensional temperature field for air-cooled turbine blade  
p 301 N83-18958

Experimental investigation of simulating impingement cooling of concave surfaces of turbine airfoils  
p 283 N83-18960

Survey of transonic flow research in China  
[AD-A122788] p 315 N83-20923

Generalization of the air-jet propulsion systems, the 'N' flow turbo-jet engine  
[AD-A123932] p 459 N83-25715

Gas turbines for the production of electrical and thermal energy  
[AD-A126182] p 539 N83-29239

Traumatic occlusion of the vertebral artery caused by neck rotation  
[AD-A126922] p 606 N83-30409

Experimental investigation of interferences of top and bottom slotted walls and the effects of sidewalls in a transonic airfoil wind tunnel  
p 690 N83-32729

The biparametric cycle count method and the principle of simplification  
p 698 N83-32730

Tests for inlet distortion in a two-spool turbojet engine on the ground test bed  
p 683 N83-32733

Fundamental investigation of jet engine ignition of fuel sprays and its application  
p 693 N83-32734

Several problems in the design of environmental wind tunnels  
p 690 N83-32739

Aerodynamic computation of the wing-body-short cabin composite  
p 662 N83-32740

The optical oil flow technique in a shock wave wind tunnel  
p 690 N83-32741

Characteristics of double-canard aerodynamic shape configuration  
[AD-A128337] p 718 N83-34913

MIKOYAN MIG-23, USSR  
[AD-A128293] p 733 N83-34937

China's Qiang 5 attack aircraft  
[AD-A130117] p 734 N83-36026

Journal of Engineering Thermophysics (selected articles)  
[AD-A129455] p 770 N83-36988

**Air Force Wright Aeronautical Labs., Wright-Patterson AFB, Ohio**

The design, testing and analysis of aeroelastically tailored transonic flutter model wings  
[AIAA 83-1027] p 330 A83-29876

Subsonic/supersonic aeropropulsive characteristics of nonaxisymmetric nozzles installed on an F-18 model  
p 744 A83-48215

Present status of flying qualities criteria for conventional aircraft  
p 48 N83-10055

Vibration test level criteria for aircraft equipment  
p 31 N83-10240

Analysis of the effects of explosive fuel ignition on an aircraft noise suppressor system  
p 43 N83-10247

Aircraft response to operations on rapidly repaired battle damaged runways and taxiways  
p 31 N83-10270

Acoustic environment on the surface of a large-scale powered model of a vectored-engine-over-the-wing STOL configuration  
p 73 N83-10272

Background information and user guide for MIL-F-8785C, military specification, flying qualities of piloted airplanes  
[AD-A119421] p 156 N83-14120

Software optimization for array processors An AP-120B Kalman filter  
[AD-A119221] p 189 N83-14973

AFWAL FY81 technical accomplishments  
[AD-A120682] p 191 N83-16253

Design criteria for the future of flight controls  
[AD-A121423] p 289 N83-19759

The chemical and physical properties of JP-4 for 1980 - 1981  
[AD-A122965] p 404 N83-23469

Air Force technical objective document FY 1984  
[AD-A123961] p 487 N83-26783

A collection of papers in the aerospace sciences  
[AD-A122667] p 417 N83-26787

Experimental analysis of the performance of an annular peripheral jet vehicle in ground effect  
[AD-A124949] p 443 N83-26832

Vibration and aeroelastic facility  
[AD-A126317] p 549 N83-29275

YC-15 externally blown flap noise  
p 652 N83-30715

Determination of the dynamic environment of the F/FB-111 tail pod assembly  
p 606 N83-30716

An assessment of the A-10's capability to operate on rough surfaces  
p 607 N83-30717

Evaluation of small cracks in airframe structures  
p 646 N83-31062

Atmospheric electricity hazards protection program  
p 649 N83-31165

Electromagnetic measurements of lightning attachment to aircraft  
p 647 N83-31199

Airborne measurements of the neslimes in lightning return stroke fields  
p 649 N83-31200

Lightning field spectra obtained from airborne measurements  
p 649 N83-31201

Vulnerability assessment of electrical/electronic subsystems and equipment to atmospheric electricity  
p 588 N83-31224

The F-4C/D life extension program  
[AD-A127495] p 577 N83-31569

Wind tunnel experiments on the divergence of swept wings with composite structures  
[AD-A127950] p 584 N83-31582

Self repairing digital flight control system  
p 688 N83-33902

Use of small crack data to bring about and quantify improvements to aircraft structural integrity  
p 680 N83-34099

Probabilistic fracture mechanics analysis methods for structural durability  
p 701 N83-34104

Multiprocessor Shared Memory (MSM) development  
[AD-A126527] p 705 N83-34598

Numerical modelling of ramjet combustors  
[AD-A129631] p 749 N83-36035

**Aircraft Research and Development Unit, Edinburg (Australia)**

Evaluation of Iroquois UH-1B stability and control  
[AD-A122302] p 289 N83-19760

**AirResearch Mfg Co., Phoenix, Ariz.**

Advanced Gas Turbine (AGT) powertrain system development program  
[NASA-CR-169475] p 200 N83-12088

**Akron Univ., Ohio**

NASA LeRC/Akron University Graduate Cooperative Fellowship Program and Graduate Student Researchers Program  
[NASA-CR-167943] p 74 N83-10970

**Allied Air Forces Central Europe, Ramstein AFB (West Germany).**

Military requirements  
p 325 N83-22181

**Allis-Chalmers Mfg Co., Milwaukee, Wis.**

Vibration and destabilizing effects of floating ring seals in compressors  
p 187 N83-15642

**Anacapa Sciences, Inc., Santa Barbara, Calif**

Importance of topographic features and tactical annotations on maps used by Army aviators for nap-of-the-earth flight  
[AD-A118101] p 28 N83-11107

- Application of coding methods in development of symbology for a computer generated topographic display for Army aviators  
[AD-A118142] p 38 N83-11124
- Analytic Sciences Corp., Reading, Mass.**  
LORAN-C grid calibration requirements for aircraft non-precision approach  
[AD-A121191] p 260 N83-18706
- Analytical Mechanics Associates, Inc., Hampton, Va**  
Analytical procedures for flutter model development and checkout in preparation for wind tunnel testing of the DAST ARW-1 wing  
[NASA-CR-166023] p 170 N83-15317  
Terminal area automatic navigation, guidance and control research using the Microwave Landing System (MLS) Part 5 Design and development of a Digital Integrated Automatic Landing System (DIALS) for steep final approach using modern control techniques  
[NASA-CR-3681] p 345 N83-22213
- Analytical Mechanics Associates, Inc., Jericho, N.Y.**  
Guidance and flight control demonstration in a helicopter flight environment using a laser-gyro inertial navigation system  
p 322 A83-28779
- Analytical Mechanics Associates, Inc., Mountain View, Calif**  
Performance of a Strapdown Ring Laser Gyro Tetrad Inertial Navigation System in a helicopter flight environment  
p 322 A83-28781  
Analysis of in-trail following dynamics of CDTI-equipped aircraft  
p 390 A83-30161  
Flight management concepts development for fuel conservation  
p 447 A83-35843  
A Kalman filter algorithm for terminal-area navigation with sensors of moderate accuracy  
p 670 A83-45460  
Modeling methodology for MLS range navigation system errors using flight test data  
[NASA-CR-166411] p 27 N83-11101  
Sensitivity analysis of helicopter IMC decelerating steep approach and landing performance to navigation system parameters  
[NASA-CR-166412] p 27 N83-11102  
Computer programs for generation and evaluation of near-optimum vertical flight profiles  
[NASA-CR-3688] p 389 N83-24500  
Modeling of the Mode S tracking system in support of aircraft safety research  
[NASA-CR-166486] p 510 N83-29186  
OPTIM Computer program to generate a vertical profile which minimizes aircraft fuel burn or direct operating cost  
User's guide  
[NASA-CR-166061] p 569 N83-30061  
TRAGEN Computer program to simulate an aircraft steered to follow a specified vertical profile  
User's guide  
[NASA-CR-166062] p 569 N83-30062
- Anamet Labs, Inc., San Carlos, Calif**  
Finite element prediction of damping in beams with constrained viscoelastic layers  
p 66 N83-10223
- ANDERSA/GERBOIS, Palaiseau (France)**  
A failure diagnosis methodology  
p 304 N83-20232
- AOA Apparatebau Gauting GmbH (West Germany)**  
Digital pressure sensor for altimeters, rate-of-climb and air speed indicators in aircrafts  
[BMFT-FB-W-82-033] p 391 N83-23304
- Applied Cryogenics and Materials Consultants, New Castle, Del**  
Possible safety hazards associated with the operation of the 0.3-m transonic cryogenic tunnel at the NASA Langley Research Center  
[NASA-CR-166026] p 174 N83-14140
- Applied Inst of Mathematics, Inc., Evanston, Ill**  
A nonlinear structural concept for compliant walls  
[NASA-CR-3628] p 11 N83-11061
- Applied Physics Lab., Johns Hopkins Univ., Laurel, Md**  
An analysis of aerodynamic requirements for coordinated bank-to-turn autopilots  
[NASA-CR-3644] p 180 N83-13072  
Computational Methods for Ramjets JPM Specialist Session  
[AD-A128297] p 685 N83-33885  
Calculation of inviscid air capture and additive drag for 3-D supersonic inlet flows  
p 685 N83-33889
- Arbeitsgemeinschaft Deutscher Verkehrsflughäfen, Stuttgart (West Germany)**  
Guidelines for the planning and dimensioning of general aviation installations on traffic airports  
[ISBN-3-87977-049-2] p 690 N83-32815
- Argonne National Lab., Ill**  
Experimental gas-fired pulse-combustion studies  
[NASA-CR-172827] p 637 N83-30548  
A structural-ceramic research program A preliminary economic analysis  
[DE83-014263] p 766 N83-36499
- Aries Corp., McLean, Va**  
Preliminary summary of phase 1 Piedmont in-service evaluation of TCAS 2  
p 146 N83-14095
- Arinc Research Corp., Annapolis, Md**  
Development of avionics installation interface standards  
[AD-A116852] p 38 N83-11123  
Automatic Carrier Landing System (ACLS) category 3 certification manual  
[AD-A118181] p 57 N83-11147  
Digital systems technical analysis  
[ARINC-1469-01-1-2804] p 271 N83-18724  
Cost development of the dual-channel GPS (Global Positioning System) navigator for general aviation application  
[AD-A127157] p 593 N83-31591
- Arizona State Univ., Tempe**  
Wakes from arrays of buildings  
p 558 A83-38766  
Wakes from arrays of buildings  
[NASA-CR 170666] p 183 N83-14430
- Arizona Univ., Tucson**  
Noise generation by a finite span swept airfoil  
[AIAA PAPER 83-0768] p 366 A83-28023  
A note on adaptive wind tunnels with imperfect control  
p 466 N83-26792  
Nonlinear aerodynamics of conical delta wings  
p 504 N83-27956
- Armament Systems, Inc., Anaheim, Calif**  
Assessment of survivability against laser threats The ASALT-I computer program  
[AD-A128472] p 703 N83-34313  
Proposal and justification for the establishment of an aeronautical systems-target nonnuclear survivability-vulnerability information analysis center-SURVIAC  
[AD-A130414] p 771 N83-37015
- Army Aeromedical Research Unit, Fort Rucker, Ala**  
Pursuit rotor tracking performance in conjunction with extended flight operations in a helicopter simulator  
[AD-A119237] p 293 N83-18772
- Army Air Corps, Stockbridge (England)**  
Operational criteria for the handling qualities of combat helicopters  
p 50 N83-10067
- Army Armament Research and Development Command, Aberdeen Proving Ground, Md**  
Experimental aerodynamic facilities of the Aerodynamics Research and Concepts Assistance Section  
[AD-A126272] p 549 N83-29274
- Army Aviation Engineering Flight Activity, Edwards AFB, Calif**  
Airworthiness and flight characteristics test Part 1 YAH-64 advanced attack helicopter  
[AD-A118490] p 193 N83-12075  
AH-1 Air Ground Engagement Simulation/air defense (AGES/ADES) pod jettison evaluation  
[AD-A122623] p 332 N83-20939  
Climatic laboratory survey Hughes YAH-64 helicopter  
[AD-A124670] p 440 N83-25698  
Airworthiness and flight characteristics test Part 2 YAH-64 advanced attack helicopter  
[AD-A125270] p 442 N83-25705  
Fuel conservation evaluation of US Army helicopters Part 3 UH-1H flight testing  
[AD-A125667] p 527 N83-27985  
UH-60A light icing envelope evaluation with the blade deicing kit installed but inoperative  
[AD-A125630] p 528 N83-27987  
Airworthiness and Flight Characteristics test (A&FC) of AH-1S with Aircraft General Purpose Dispenser System (AGPDS)  
[AD-A125978] p 528 N83-29199  
Validation flight test of UH 60A for Rotorcraft Systems Integration Simulator (RSIS)  
[AD-A125428] p 529 N83-29201  
Limited artificial and natural icing test of the OV-ID (re-evaluation)  
[AD-A127191] p 606 N83-30410  
Fuel conservation evaluation of US (United States) Army helicopters Part 4 OH-58C flight testing  
[AD-A127422] p 637 N83-30673  
Fuel conservation evaluation of US Army helicopters Part 5 AH-1S flight testing  
[AD-A128532] p 608 N83-31601  
Airworthiness and Flight Characteristics (AFC) test of YAH-64 advanced attack helicopter, Prototype Qualification Test-Government (PQT-G), part 3 and Production Validation Test-Government (PVT-G) for handbook verification  
[AD-A130524] p 734 N83-36025
- Army Aviation Research and Development Command, Cleveland, Ohio**  
Life and reliability models for helicopter transmissions  
[NASA-TM-82976] p 67 N83-10425  
Effect of steady-state pressure distortion on inlet flow to a high-bypass-ratio turbofan engine  
[NASA-TM-82964] p 166 N83-15306  
New trends in combustion research for gas turbine engines  
[NASA-TM-83338] p 338 N83-20947
- Advances in traction drive technology  
[NASA-TM-83397] p 561 N83-28455
- Army Aviation Research and Development Command, Fort Eustis, Va**  
Operational military helicopter interior noise and vibration measurements with comparisons to noise quality criteria  
[AIAA PAPER 83-2526] p 728 A83-48364
- Army Aviation Research and Development Command, Hampton, Va**  
Reduction of high-speed impulsive noise by blade planform modification of a model helicopter rotor  
[NASA-TM-84553] p 191 N83-16151
- Army Aviation Research and Development Command, Moffett Field, Calif**  
Navier Stokes calculations for the vortex wake of a rotor in hover  
[AIAA PAPER 83-1676] p 492 A83-37184  
Prediction of boundary layer characteristics of an oscillating airfoil  
p 660 A83-46435  
Holographic interferometry technique for rotary wing aerodynamics and noise  
[NASA-TM-84723] p 67 N83-10378  
An experimental study of dynamic stall on advanced airfoil section Volume 2 Pressure and force data  
[NASA-TM-84245-VOL-2] p 179 N83-12048  
Dynamic structural aeroelastic stability testing of the XV-15 tilt rotor research aircraft  
[NASA-TM-84293] p 216 N83-16349  
A rotor technology assessment of the advancing blade concept  
[NASA-TM-84298] p 265 N83-18712  
Dynamic structural aeroelastic stability testing of the XV-15 tilt rotor research aircraft  
p 628 N83-30376
- Army Aviation Research and Development Command, St Louis, Mo**  
Improved airborne HF receive antenna An ILIR report  
[AD-A118861] p 182 N83-14369  
Impact behavior of fibrous composition and metal substructures  
[AD-A121618] p 296 N83-18858  
Verification testing of a UH-1 Wire Sink Protection System (WSPS)  
[AD-A122220] p 250 N83-19725  
Flight service evaluation of composite components on Bell 206L and Sikorsky S-76 helicopters  
[NASA-TM-84637] p 297 N83-19815  
Historical research and development inflation indices for army fixed and rotor winged aircraft  
[AD-A129317] p 713 N83-35993
- Army Avionics Research and Development Activity, Fort Monmouth, N.J.**  
Electronic voice communications improvements for Army aircraft  
[AD-A119427] p 183 N83-14387  
Electroluminescent displays  
p 611 N83-30421
- Army Cold Regions Research and Engineering Lab., Hanover, N.H.**  
Suppression of ice fog from the Fort Wainwright, Alaska, cooling pond  
[AD-A123069] p 409 N83-24073
- Army Communications-Electronics Command, Fort Monmouth, N.J.**  
Propagation prediction usage in automated frequency assignments based on cosine and remote system spectrum sharing  
p 645 N83-30905
- Army Construction Engineering Research Lab., Champaign, Ill**  
Operational noise data for UH-60A and CH-47C Army helicopter  
[AD-A118796] p 223 N83-12974
- Army Engineer Waterways Experiment Station, Vicksburg, Miss**  
Prediction of pavement roughness  
[AD-A120009] p 232 N83-16566  
Evaluation of three state-of-the-art water-jet systems for cutting/removing concrete  
[AD-A123579] p 407 N83-24732
- Army Materials and Mechanics Research Center, Watertown, Mass**  
Application of Fourier transform infrared spectroscopy for quality control analysis of epoxy resin prepolymers used in helicopter rotor blades  
p 61 N83-11232
- Army Propulsion Lab., Cleveland, Ohio**  
Effect of variable guide vanes on the performance of a high-bypass turbofan engine  
p 274 A83-24028  
New trends in combustion research for gas turbine engines  
p 446 A83-35806
- Army Research and Technology Labs., Fort Eustis, Va**  
DATAMAP and its impact on prediction programs  
p 236 N83-17489  
Verification testing of an AH-1S Wire Sink Protection System (WSPS)  
[AD-A123188] p 429 N83-25684  
Safe life and damage-tolerant design approaches for helicopter structures  
p 693 N83-33961

**Army Research and Technology Labs., Moffett Field, Calif.**

- Finite difference modeling of rotor flows including wake effects  
[ONERA, TP NO 1982-114] p 243 A83-24326
- Guidance and flight control demonstration in a helicopter flight environment using a laser-gyro inertial navigation system p 322 A83-28779
- Effects of rotor inertia and rpm control on helicopter handling qualities  
[AIAA PAPER 83-2070] p 623 A83-41907
- The status of military helicopter handling qualities criteria p 50 N83-10065
- A note on the general scaling of helicopter blade-vortex interaction noise  
[AD-A118761] p 223 N83-12972
- Helicopter simulation validation using flight data  
[NASA TM-84291] p 204 N83-13112
- The development of a system for interdisciplinary analysis of rotorcraft flight characteristics p 236 N83-17485

- The vibration characteristics of a coupled helicopter rotor-fuselage by a finite element analysis  
[NASA TP-2118] p 265 N83-18714
- Calculation of boundary layers near the stagnation point of an oscillating airfoil  
[NASA-TM-84305] p 478 N83-27148

**Army Research Inst. for the Behavioral and Social Sciences, Alexandria, Va.**

- Research Issues in the Determination of Simulator Fidelity Proceedings of the ARI sponsored Workshop  
[AD-A118253] p 208 N83-12106

**Army Structures Lab., Hampton, Va.**

- Recent applications of a laser velocimeter in the Langley 4by 7-meter Wind Tunnel p 765 A83-50145

**Army Test and Evaluation Command, Aberdeen Proving Ground, Md.**

- Flight testing operations procedure  
[AD-A116984] p 26 N83-10030

**Army Troop Support and Aviation Materiel Readiness Command, St. Louis, Mo.**

- Historical inflation program A computer program generating historical inflation indices for Army aircraft, revision  
[AD-A127674] p 654 N83-32677

**ARO, Inc., Arnold Air Force Station, Tenn.**

- The 1981 calibration of the AEDC-PWT aerodynamic wind tunnel (4T) at Mach numbers from 0.1 to 1.3  
[AD-A118704] p 208 N83-12104
- Development of a three-dimensional adaptive wall test section with perforated walls p 349 N83-20973
- Techniques for determining engine stall recovery characteristics p 543 N83-29265

**Ashtand Petroleum Co., Ky.**

- Refining of military jet fuels from shale oil Part 1 Preliminary process design, economic and yield optimization, and computer modeling  
[AD-A117511] p 60 N83-10210
- Refining of military jet fuels from shale oil Volume 3, part 2 Above ground shale oil process data  
[AD-A128635] p 758 N83-35162
- Refining of military jet fuels from shale oil, part 2, volume 2 (in situ shale oil process data)  
[AD-A129031] p 759 N83-36248
- Refining of military jet fuels from shale oil Part 3 Pilot plant sample preparation  
[AD-A128722] p 759 N83-36249

**Associated Architects of Crested Butte, Colo.**

- Gunnison County airport terminal  
[DE83-004512] p 401 N83-23332

**Association Aeronautique et Astronautique de France, Paris.**

- Aerodynamics on a transport aircraft type wing-body mode  
[PB82-206855] p 194 N83-12081
- Noise source mechanisms in unsteady flow  
[PB82-203837] p 223 N83-12976
- Tridimensional computation of the flow in helicopter air intakes  
[PB82-204512] p 194 N83-13093

**Atlantic Research Corp., Alexandria, Va.**

- Composite material aircraft electromagnetic properties and design guidelines  
[AD-A124016] p 470 N83-25795

**Atomic Energy Research Establishment, Harwell (England).**

- An efficient fully implicit simulator  
[CSS-126] p 176 N83-15322

**Avco Corp., Nashville, Tenn.**

- Advanced composite aileron for L-1011 transport aircraft: Aileron manufacture  
[NASA-CR-165718] p 635 N83-30522

**Avco Lycoming Div., Stratford, Conn.**

- Experimental evaluation of inlet turbulence, wall boundary layer, surface finish, and fillet radius on small axial turbine stage performance  
[SAE PAPER 821475] p 534 A83-38001
- Integrally cast low-cost compressor  
[AD-A127663] p 639 N83-31824

**Avco Lycoming Div., Williamsport, Pa.**

- Current designs, future possibilities and programmatic suggestions p 353 N83-22452

**Avions Marcel Dassault, Saint-Cloud (France).**

- A method for the numerical simulation of an aircraft undercarriage system p 176 N83-15295
- The high angle of attack behavior of a combat aircraft. Correlation between prediction and flight p 604 N83-30367

**Avions Marcel Dassault-Breguet Aviation, Saint-Cloud (France).**

- Fly by wire control Towards new norms for judging flight qualities An example The Mirage 2000 p 49 N83-10060

- Digital simulation of transonic 3-dimensional flows of perfect compressible flows around aircraft by the methods of finite elements and of least squares  
[PB82-213448] p 33 N83-11122

**B****Ballistic Research Labs., Aberdeen Proving Ground, Md.**

- A critique of the Bell Helicopter Textron COBRA 2 75 inch rocket ballistic algorithm  
[AD-A123703] p 390 N83-24502

**Bath Univ. (England).**

- The nature of fibre composite materials p 227 N83-17610

**Battelle Columbus Labs., Mountain View, Calif.**

- The NASA Aviation Safety Reporting System  
[NASA-TM-84339] p 721 N83-34923

**Battelle Columbus Labs., Ohio**

- Analytical techniques for aromatic components in aircraft fuels  
[AD-A118838] p 211 N83-12252
- Technical and secretariat support of the MIL-STD-1515 fastener standardization effort  
[AD-A119828] p 232 N83-16760
- Effects of manufacturing processes on structural allowable  
[AD-A122963] p 404 N83-23426

**Battelle Memorial Inst., Columbus, Ohio**

- Discussion of the short crack effect in airframe materials and components p 680 N83-34110

**Battelle Pacific Northwest Labs., Richland, Wash.**

- Research to develop and evaluate advanced eddy current sensors for detecting small flaws in metallic aerospace components  
[AD-A125873] p 564 N83-29726

**BDM Corp., McLean, Va.**

- Rapid runway repair program subtask 1.08 Concrete cutting equipment evaluation  
[AD-A127336] p 631 N83-30440
- The effects of weather on rapid runway repair, volume 1  
[AD-A130409] p 754 N83-36040

**Beech Aircraft Corp., Wichita, Kans.**

- Studies of light-twin wing-body interference  
[SAE PAPER 830708] p 580 A83-43319

**Bell Aerospace Co., Buffalo, N. Y.**

- Force method optimization II Volume 2 User's manual  
[AD-A128235] p 652 N83-32387

**Bell Helicopter Co., Fort Worth, Tex.**

- Measured inplane stability characteristics in hover for an advanced bearingless rotor  
[AIAA 83-0987] p 330 A83-29865
- Velocity coupling A new concept for hover and axial flow wake analysis and design p 193 N83-17478
- Design of an advanced 500-hp helicopter transmission p 303 N83-20125

**Bendix Corp., Baltimore, Md.**

- Enhanced TCAS 2 p 145 N83-14088
- Frangible microwave landing system (inverted azimuth waveguide array configuration)  
[DOT/FAA/RD-82/88] p 324 N83-20927

**Bendix Corp., South Bend, Ind.**

- Nonlinear multivariable design by total synthesis p 531 A83-37092
- Application of tire dynamics to aircraft landing gear design analysis p 359 N83-21394

**Bendix Corp., Teterboro, N. J.**

- New results in fault latency modelling  
[AIAA PAPER 83-2303] p 650 A83-41760

- Advanced Flight Control Actuation System (AFCAS -E/P) Fabrication and design verification testing of a dual mode electro/pneumatic actuator for the T 2C aircraft  
[AD-A119627] p 170 N83-14136

**Bihrie Applied Research, Inc., Jericho, N. Y.**

- Advanced flight control system study  
[NASA-CR-163120] p 170 N83-15316
- Spin prediction techniques p 169 A83-18401
- Influence of airplane components on rotational aerodynamic data for a typical single-engine airplane  
[AIAA PAPER 83-2135] p 579 A83-41957

- Rotary balance data for a typical single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg 2 Influence of horizontal tail location for Model D  
[NASA-CR-3247] p 180 N83-13070

- Rotary balance data for a typical single-engine general aviation design for an angle-of-attack range of 8 deg to 90 deg 1 Influence of airplane components for model D  
[NASA-CR-3246] p 315 N83-20918

- F-14 rotary balance tests for an angle-of attack range of 0 deg to 90 deg  
[AD-A124468] p 441 N83-25700

**Bionetics Corp., Hampton, Va.**

- Noise transmission characteristics of advanced composite structural materials  
[AIAA PAPER 83-0694] p 306 A83-25915
- Characteristics of the transmission loss apparatus at NASA Langley Research Center  
[NASA-CR-172153] p 572 N83-30165
- Aerodynamic evaluation of circulation control propellers  
[NASA-CR 165748] p 616 N83-30428

**BioTechnology, Inc., Falls Church, Va.**

- A flight investigation of simulated data-link communications during single-pilot IFR flight Volume 2 Flight evaluations  
[NASA-CR 3653] p 146 N83-14098

**Bodenseewerk Geratetechnik G m b H, Ueberlingen (West Germany)**

- Introduction to optical rate sensors p 735 N83-34895

**Boeing Aerospace Co., Seattle, Wash.**

- Description and planned use of a data distribution evaluation system for fiber optic data buses p 21 A83-11183

- High voltage testing Volume 2 Specifications and procedures  
[AD-A122355] p 360 N83-22517
- High voltage design guide Volume 4 Aircraft  
[AD-A129530] p 766 N83-36372

**Boeing Co., Seattle, Wash.**

- Tests of a thermal acoustic shield with a supersonic jet p 72 A83-10183
- Flight test evaluation of drag effects on surface coatings on the NASA Boeing 737 TCV airplane  
[NASA-CR-165767] p 666 N83-33852

**Boeing Commercial Airplane Co., Seattle, Wash.**

- Prediction of jet exhaust noise on airframe surfaces during low-speed flight p 198 A83-13160
- Transonic flow simulation of prop-fan configurations  
[AIAA PAPER 83-0187] p 137 A83-19582

- A three degree-of-freedom, typical section flutter analysis using harmonic transonic air forces  
[AIAA PAPER 83-0960] p 406 A83-32797
- Applications of advanced upper surface blowing propulsive-lift technology  
[SAE PAPER 820956] p 433 A83-33628

- Progress in propulsion system/airframe structural integration  
[AIAA PAPER 83-1123] p 437 A83-36234
- Advanced composite elevator for Boeing 727 aircraft  
[NASA-CR-157823] p 61 N83-11248

- Aircraft surface coatings study Verification of selected materials  
[NASA-CR-159288] p 61 N83-11331
- Aircraft noise reduction  
[PB82-206095] p 194 N83-12080

- Study of supersonic wings employing the attainable leading-edge thrust concept  
[NASA-CR-3637] p 180 N83-13073
- Development of lightweight, fire retardant, low smoke, thermally stable, high strength floor paneling Passenger floor panels  
[NASA-CR-167770] p 212 N83-13174

- Advanced composite elevator for Boeing 727 aircraft, volume 2  
[NASA-CR-159258] p 205 N83-16330
- User's manual for master Modeling of aerodynamic surfaces by 3-dimensional explicit representation  
[NASA-CR-166056] p 236 N83-18304

- Development of aircraft lavatory compartments with improved fire resistance characteristics Phase 4 Sandwich panel decorative ink development  
[NASA-CR-166432] p 296 N83-18851

- Traffic alert and collision avoidance system  
Developmental simulation [FAA-RD-82-49] p 260 N83-19732
- Aeroelastic loads prediction for an arrow wing Task 1 Evaluation of R P White's method [NASA-CR-3640] p 316 N83-22163
- Aeroelastic loads prediction for an arrow wing Task 2 Evaluation of semi-empirical methods [NASA-CR-3641] p 316 N83-22164
- Aeroelastic loads prediction for an arrow wing Task 3 Evaluation of the Boeing three-dimensional leading-edge vortex code [NASA-CR-3642] p 377 N83-24479
- Selected advanced aerodynamics and active controls technology concepts development on a derivative B-747 aircraft [NASA-CR-3295] p 442 N83-26831
- Integrated Application of Active Controls (IAAC) technology to an advanced subsonic transport project Wing planform study and final configuration selection [NASA-CR-165630] p 605 N83-30401
- Nacelle Aerodynamic and Inertial Loads (NAIL) project [NASA-CR-168712] p 605 N83-30402
- Advanced composite elevator for Boeing 727 aircraft [NASA-CR-172910] p 605 N83-30403
- P-static flight evaluation of a large jet aircraft p 588 N83-31230
- Commercial transport aircraft composite structures p 693 N83-33958
- Boeing Computer Services, Inc., Seattle, Wash**
- A three degree-of-freedom, typical section flutter analysis using harmonic transonic air forces [AIAA PAPER 83-0960] p 406 A83-32797
- Correction and improvement of CARE 3 Version 3 [NASA-CR 166122] p 705 N83-34591
- Boeing Military Airplane Development, Seattle, Wash**
- Unsteady transonic flow over wings including inviscid/viscous interaction p 190 A83-22132
- Integrated airframe/propulsion control system architectures (IAPSA) study [AIAA PAPER 83-2158] p 595 A83-41660
- Integrated control system concept for high-speed aircraft [AIAA PAPER 83-2564] p 751 A83-50074
- Fire resistant aircraft hydraulic system [AD-A118169] p 33 N83-11118
- Microprocessor applications to guidance and control architectures p 236 N83-18297
- Advanced avionic systems for multimission applications, volume 1 p 271 N83-19749
- Advanced avionic systems for multimission applications, volume 2 p 271 N83-19750
- Advanced avionic systems for multimission applications, volume 3 p 271 N83-19751
- Fuel/engine/airframe trade-off study Operational effects of increased freeze point fuels [AD-A121688] p 351 N83-21169
- Atmospheric electricity threat definition for aircraft lightning protection p 586 N83-31192
- Boeing Military Airplane Development, Wichita, Kans**
- Calibration of C-130 lightning characterization sensors [AD-A127344] p 610 N83-30413
- Boeing Vertol Co., Philadelphia, Pa**
- Developments in the design, analysis, and fabrication of advanced technology transmission elements p 298 A83-24832
- Variable camber rotor study [NASA-CR-166382] p 266 N83-19740
- Large rotorcraft transmission technology development program [NASA-CR-168120] p 332 N83-22188
- Protecting the world's largest commercial helicopter from atmospheric hazards p 588 N83-31242
- A piloted simulator investigation of side-stick controller/stability and control augmentation system requirements for helicopter visual flight tasks [NASA-CR-172852] p 754 N83-36041
- Bolt, Beranek, and Newman, Inc., Cambridge, Mass**
- A fault tolerant approach to state estimation and failure detection in nonlinear systems p 568 A83-37121
- Energetics and optimum motion of oscillating lifting surfaces [AIAA PAPER 83-1710] p 492 A83-37204
- An optimal control model approach to the design of compensators for simulator delay [NASA-CR-3604] p 32 N83-11113
- Limits on the prediction of helicopter rotor noise using thickness and loading sources Validation of helicopter noise prediction techniques [NASA-CR-166097] p 412 N83-25498
- Bolt, Beranek, and Newman, Inc., Canoga Park, Calif**
- Propeller aircraft interior noise p 309 N83-18658
- Bolt, Beranek, and Newman, Inc., Los Angeles, Calif**
- Noise in America Extent of the noise problem [PB82-219189] p 69 N83-11629
- Borg-Warner Corp., Carson, Calif**
- Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 1 [DE82-903116] p 303 N83-20165
- Feed-pump hydraulic performance and design improvement Phase 1 Research program design, volume 2 [DE82-903304] p 303 N83-20166
- Boston Univ., Mass**
- Free wake aerodynamic analysis of helicopter rotors [AD-A129710] p 718 N83-36007
- Bristol Univ. (England)**
- A laboratory method for the analysis of helicopter underwing load oscillations [BU-273] p 192 N83-16303
- An investigation and comparison of the aerodynamic performance of selected hang-glider airfoil sections [BU-276] p 192 N83-16305
- A study of the flow around a slotted flap end [BU-279] p 192 N83-16306
- Helicopter fin effectiveness [BU-271] p 206 N83-16336
- Design considerations for the construction of a Sheriff wing in composite materials [BU-280] p 206 N83-16337
- British Aerospace Aircraft Group, Brough (England)**
- The use of panel methods for the evaluation of subsonic wall interference p 347 N83-20959
- British Aerospace Aircraft Group, Kingston-upon-Thames (England)**
- Advanced castings in the design of military aircraft p 178 N83-15429
- Aerodynamic ejectors in the UK [BAE-KRS-N-GEN-243] p 607 N83-31594
- Composites in ground test services [BAE-KGT-N-GEN-00999] p 638 N83-31729
- British Aerospace Aircraft Group, Preston (England)**
- Multi point excitation ground resonance test facility at British Aerospace Warton [BAE-TN-5411] p 209 N83-13128
- The strengths and weaknesses of Computational Fluid Mechanics (CFM) in aerodynamic design and analysis Part 1 Background and philosophy p 219 N83-13413
- Ground and flight testing on the fly-by-wire Jaguar equipped with a full time quadruplex digital integrated flight control system p 343 N83-22111
- British Aerospace Aircraft Group, Warton (England)**
- Lessons from Tornado afterbody development p 604 N83-30366
- Comparison of flight loads measurements results and prediction for Tornado p 605 N83-30378
- British Aerospace Aircraft Group, Weybridge (England)**
- Development of a cost effective approach to modelling aircraft response to repaired runways p 157 N83-15293
- British Aerospace Aircraft Group, Woodford (England)**
- Design of a software maintenance facility for the RAF p 364 N83-22150
- British Aerospace Dynamics Group, Bristol (England)**
- Missile body vortices and their interaction with lifting surfaces p 245 N83-18695
- British Aerospace Public Ltd Co., Lancashire (England)**
- Lightning protection design and lightning threat flight clearance of a fly-by-wire flight control system for an unstable aircraft p 629 N83-31234
- British Aerospace Public Ltd Co., Preston (England)**
- Piloted handling qualities design criteria for high order flight control systems p 49 N83-10058
- Experience of non-linear high incidence aerodynamic characteristics p 50 N83-10070
- Integration of a new sensor on to an existing aircraft p 732 N83-34901
- British Library Lending Div., Boston Spa (England)**
- Protective coatings against fretting in aircraft engine construction [BLL-CE-TRANS-7736-[9022 09] p 351 N83-21102
- Brookhaven National Lab., Upton, N Y**
- Polymer concrete patching manual [PB83-180265] p 647 N83-31912
- Brown, Boverie and Cie, A G Baden (Switzerland)**
- Cooling of gas turbine blades p 282 N83-18735
- Experimental verification of blade cooling systems and comparison with design calculation p 282 N83-18736
- Bundesakademie fuer Wehrverwaltung und Wehrtechnik, Mannheim (West Germany)**
- A life cycle model for avionic systems p 335 N83-22146
- Bundesamt fuer Wehrtechnik und Beschaffung, Koblenz (West Germany)**
- Lightning strikes to aircraft of the German Federal Armed Forces p 586 N83-31193
- Bundesamt fuer Wehrtechnik und Beschaffung, Munich (West Germany)**
- Experience with System Identification From Tracking (SIFT) flight-test-techniques at the German Air Force Flight Test Center p 51 N83-10078
- Bundesanstalt fuer Flugsicherung, Frankfurt am Main (West Germany)**
- Activities report on air traffic security p 514 N83-27971
- Activities of the Federal Administration of Air Navigation Services (BFS) p 674 N83-32785
- Burroughs Corp., Paoli, Pa**
- System description for automated radar terminal air traffic control system, ARTS 2 enhancements, revision A [FAA-PM-83-19-REV-A] p 382 N83-24494
- System description for automated radar terminal air traffic control system (ARTS II) Enhancements System description, revision A [AD-A128896] p 674 N83-33870
- C**
- California Inst. of Tech., Pasadena**
- Observation of damage growth in compressively loaded laminates p 692 A83-46810
- Unsteady flow effects in combustor systems p 562 N83-29232
- Linear theory of pressure oscillations in liquid fueled ramjet engines p 685 N83-33886
- California Polytechnic State Univ., San Luis Obispo**
- Wind tunnel tests of a free-wing/free trimmer model [NASA-CR-170394] p 137 N83-15263
- California State Univ., Long Beach**
- Prediction of boundary-layer characteristics of an oscillating airfoil p 660 A83-46435
- California Univ., Berkeley**
- Anti-misting additives for jet fuels [NASA-CR-169751] p 225 N83-16417
- Viscometric and misting properties of polymer-modified fuel [NASA-CR-169750] p 226 N83-16543
- California Univ., Berkeley Lawrence Berkeley Lab**
- Mechanics and physics of the growth of small cracks p 700 N83-34096
- California Univ., Irvine**
- Environmental quality research Fate of toxic jet fuel components in aquatic systems [AD-A122548] p 351 N83-21168
- California Univ., Livermore Lawrence Livermore Lab**
- Electromagnetic test facility characterization An identification approach [DE83-004274] p 360 N83-22498
- California Univ., Los Angeles**
- Aerosound from corner flow and flap flow [AIAA PAPER 81-2039] p 237 A83-19813
- Structural optimization with dynamic behavior constraints [AIAA 83-0936] p 355 A83-29766
- Aeroelastic tailoring of rotor blades for vibration reduction in forward flight [AIAA 83-0916] p 329 A83-29844
- Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight p 433 A83-33506
- Coupled flap-lag-torsional dynamics of hingeless rotor blades in forward flight p 435 A83-35948
- Numerical simulation of the atmosphere during a CAT encounter p 565 A83-38764
- A conservative type-dependent full potential method for the treatment of supersonic flows with embedded subsonic regions [AIAA PAPER 83-1887] p 502 A83-39356
- Formulation and solution of rotary-wing aeroelastic stability and response problems p 600 A83-43673
- Transonic and nonlinear flow research [AD-A121477] p 246 N83-19719
- California Univ., Riverside**
- High altitude jet fuel photochemistry [AD-A125035] p 471 N83-27035
- Calspan Advanced Technology Center, Buffalo, N.Y.**
- Effect of control system delays on fighter flying qualities p 51 N83-10072
- Simulation for predicting flying qualities p 52 N83-10080
- Lateral flying qualities of highly augmented fighter aircraft, volume 2 [AD-A118071] p 204 N83-12100
- Flight control system design using robust output observers p 343 N83-22105
- Application of Calspan pitch rate control system to the Space Shuttle for approach and landing [NASA-CR-170402] p 397 N83-24513



- Rotating stall investigations Volume 1 Theoretical investigations [AD-A128744] p 748 N83-34951
- Rotating stall investigations Volume 2 Experimental studies [AD-A128745] p 748 N83-34952
- Calspan Corp., Buffalo, N. Y.**
- An in flight investigation of pilot-induced oscillation suppression filters during the fighter approach and landing task [NASA-CR-163116] p 204 N83-13110
- Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 2 Program plan, test data and analysis [AD-A119704] p 155 N83-14117
- Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 1 Summary [AD-A119406] p 156 N83-14122
- In-flight investigation of large airplane flying qualities for approach and landing [AD-A120202] p 206 N83-16332
- Lateral flying qualities of highly augmented fighter aircraft, volume 1 [AD-A118070] p 443 N83-26835
- Experimental experience at Calspan p 688 N83-33900
- Cambridge Univ. (England)**
- Reduction of aerodynamic drag Torsion disc viscometry [AD-A117859] p 10 N83-10020
- Vibration in turbomachinery A bibliography of research reports (1966 - 1981) [CUE/D-A-TURBO-TR-109] p 301 N83-19129
- Canada Inst. for Scientific and Technical Information, Ottawa (Ontario)**
- Construction of an ice model basin at the Ship Research Institute of the Ministry of Transportation [NRC/CNR-TT-2068] p 631 N83-30436
- Canadair Ltd., Montreal (Quebec)**
- Comparison of prediction, wind tunnel and flight test data for the Canadair Challenger turboprop aircraft p 604 N83-30365
- Canyon Research Group, Inc., Westlake Village, Calif**
- Applications of simulator freeze to carrier glideslope tracking instruction [AD-A118862] p 220 N83-16356
- Simulator design features for carrier landing Part 2 In-simulator transfer of training [AD-A124024] p 466 N83-25733
- Carleton Univ., Ottawa (Ontario)**
- An overview of engine dynamic response and mathematical modeling concepts p 542 N83-29262
- Carnegie-Mellon Univ., Pittsburgh, Pa**
- Electro-optical processor for optimal control p 298 N83-23596
- Friction damping of flutter in gas turbine engine airfoils p 274 N83-24038
- Effects of friction dampers on aerodynamically unstable rotor stages [AIAA PAPER 83-0848] p 392 N83-32791
- Case Western Reserve Univ., Cleveland, Ohio**
- Prediction of natural convection flow pattern in low-aspect ratio enclosures p 561 N83-28364
- Dilution jet experiments in compact combustor configurations p 538 N83-29218
- Center for Naval Analyses, Alexandria, Va**
- Methods for generating aircraft trajectories [AD-A122386] p 331 N83-20936
- Centre National d'Etudes Spatiales, Toulouse (France)**
- Isothermal gradient heat-pipes space furnace (500 to 1000 deg C) p 633 N83-31659
- Centre National de la Recherche Scientifique, Grenoble (France)**
- Minizone image furnace p 633 N83-31658
- Centre Technique des Industries Mecaniques, St. Etienne (France)**
- Evaluation of lubricants for air compressors [PB82-259003] p 226 N83-16538
- Centro de Mecanica e Engenharia Estrutural, Lisbon (Portugal)**
- Application of semi-rigid pavements in rapid runway repair p 175 N83-15289
- Cessna Aircraft Co., Wichita, Kans.**
- Application of advanced technologies to small, short-haul transport aircraft (STAT) [NASA-CR-152362] p 192 N83-12072
- Airframe and engine integration and potential improvements p 353 N83-22451
- Cincinnati Univ., Ohio**
- A method of predicting the performance deterioration of a compressor cascade due to sand erosion [AIAA PAPER 83-0178] p 160 N83-16572

- Metallurgical instabilities during the high temperature low cycle fatigue of nickel-base superalloys p 224 N83-22019
- The effect of microstructure on the fatigue behavior of Ni base superalloys p 469 N83-36166
- Optimal short range trajectories for helicopters [AIAA PAPER 83-2140] p 598 N83-41962
- Effect of particle presence on the incompressible inviscid flow through a two dimensional compressor cascade [ASME PAPER 83-GT-95] p 714 N83-47941
- Compressor cascade performance deterioration caused by sand ingestion [NASA-CR 168067] p 190 N83-16286
- City Univ., London (England)**
- Further advances in helicopter vibration control p 334 N83-22477
- Civil Aeromedical Inst., Oklahoma City, Okla**
- Crash injury protection in survivable air transport accidents United States civil aircraft experience from 1970 through 1978 (incomplete) [FAA-CT-82-118] p 381 N83-24489
- Civil Aeronautics Board, Washington, D C**
- Area equivalent method A quick procedure for determining noise impact at civilian airports [PB82-195892] p 223 N83-12975
- Airport activity statistics of certificated route air carriers [AD-A119713] p 185 N83-13084
- Civil Aviation Authority, London (England)**
- A UK NATS view of the air traffic management requirements in the next decade p 325 N83-22178
- Fuel conservation and economy constraints p 362 N83-22179
- Clemson Univ., S C**
- Cost functions for airframe production programs [AD-A119788] p 128 N83-14062
- Coast Guard Research and Development Center, Groton, Conn**
- An evaluation of SARP (search and rescue planning system) drift predictions using satellite-tracked drift-buoys [AD-A127987] p 589 N83-31588
- Colorado State Univ., Fort Collins**
- Wind-tunnel research of flowfields within naturally ventilated rooms of simple geometry [DE83-008110] p 644 N83-30813
- Colorado Univ., Boulder**
- Pilot-in-command A sociological analysis of general aviation accidents p 184 N83-13079
- Columbia Univ., New York**
- Effects of cobalt in nickel-base superalloys p 223 N83-21467
- Laboratory study of add-on treatments for interior noise control in light aircraft p 386 N83-32581
- Recent research on noise transmission into aircraft p 73 N83-10435
- The effects of small deformation on creep and stress rupture of ODS superalloys [AD A125640] p 553 N83-28212
- Comarco, Inc., Anaheim, Calif**
- Computer Aided Mission Planning System (CAMPS) [AD A118587] p 221 N83-12895
- Committee of Conference (U S Congress)**
- National Aeronautics and Space Administration p 74 N83-10989
- Committee on Appropriations (U S Senate)**
- National Aeronautics and Space Administration research and development, including space flight control and data communications p 573 N83-29134
- Committee on Commerce, Science, and Transportation (U S Senate)**
- National Airspace System Plan [GPO-98-029] p 319 N83-22169
- NASA authorization for fiscal year 1984 [GPO-19-200] p 487 N83-27921
- Committee on Government Operations (U S House)**
- Aircraft cabin safety staffing standards [H-REPT-97-394] p 15 N83-11093
- Aircraft cabin safety staffing standards [GPO-77-969] p 16 N83-11094
- Committee on Science and Technology (U S House)**
- Aviation weather [GPO-98-983] p 304 N83-20493
- FAA national airspace system plan [GPO-94-438] p 346 N83-20953
- Committee on the Judiciary (U S House)**
- Air disaster litigation [GPO-97-336] p 510 N83-29185
- Comptech, Inc., Palo Alto, Calif**
- An assessment of flow-field simulation and measurement [AIAA PAPER 83-1721] p 555 N83-37210

- Comptroller General of the United States, Washington, D C**
- DOD's use of remotely piloted vehicle technology offers opportunities for saving lives and dollars [MASAD-81-20] p 72 N83-10875
- Requirements and production capabilities are uncertain for some Air Force, Navy and Marine Corps aircraft spares and repair parts [AD-A118423] p 6 N83-11055
- Aircraft thrust/power management can save defense fuel, reduce engine maintenance costs, and improve readiness [GAO/PLRD-82-74] p 139 N83-14074
- A strategy is needed to deal with peaking problems at international airports [GAO/GGD-83-4] p 429 N83-25683
- FAA's plan to improve the air traffic control system A step in the right direction but improvements and better coordination are needed [GAO/AFMD-83-34] p 432 N83-25687
- Computational Mechanics Consultants, Knoxville, Tenn**
- An assessment of factors affecting prediction of near-field development of a subsonic VSTOL jet in cross-flow [AD-A124583] p 441 N83-25699
- Consis Corp., Mountain View, Calif**
- ARTS 2A design analysis [FAA-RD-82-54] p 187 N83-12064
- Connecticut Univ., Storrs**
- Identification of helicopter rotor dynamic models [AIAA 83-0988] p 330 N83-29866
- Identification and stochastic control of helicopter dynamic modes [NASA-CR-166425] p 157 N83-15283
- Evaluation of the effect of vibration nonlinearity on convergence behavior of adaptive higher harmonic controllers [NASA-CR-166424] p 266 N83-18718
- Contel Information Systems, Fairfax, Va**
- Computer B (National Airspace System - Automated Radar Terminal Systems) communications support [FAA-PM-83-16] p 407 N83-24742
- Control Data Corp., Minneapolis, Minn.**
- Flight summaries and temperature climatology at airliner cruise altitudes from GASP (Global Atmospheric Sampling Program) data [NASA-CR 168106] p 409 N83-24048
- Cooper Univ., New York**
- An assessment of global and quasi-global models of hydrocarbon and hydrogen combustion kinetics for reacting flow-field calculations p 686 N83-33890
- Cornell Univ., Ithaca, N Y**
- Comparison of broadband noise mechanisms, analyses, and experiments on helicopters, propellers, and wind turbines [AIAA PAPER 83-0690] p 365 N83-28009
- Infrared observations from the NASA Airborne Observations p 573 N83-40454
- A theory of rotating stall of multistage axial compressors [NASA-CR-3685] p 506 N83-29175
- Costruzioni Aeronautiche Giovanni Agusta S.p.A., Varese (Italy)**
- First results for the definition of a general rotorcraft dynamic program p 236 N83-17483
- Cranfield Inst. of Tech., Bedfordshire (England)**
- Initial findings during studies of the flow within a high speed impeller using a transit anemometer p 216 N83-12270
- Alternative fuel technology series Volume 1 Alternative fuels for transport [ISBN-0-902937-63-4] p 555 N83-29414
- A combat aircraft availability assessment technique [ISBN-0-902937-80-4] p 658 N83-32708
- A note on the estimation of longitudinal and lateral aircraft derivatives using semi-empirical methods [CAR-8312] p 679 N83-33878
- Crouzet Aerospace and Systems, Valence (France)**
- Anemobarometric systems for next generation aircraft p 343 N83-22101
- Automatic recognition of speech in military aircraft p 702 N83-34186
- Curtiss-Wright Corp., Wood-Ridge, N J**
- Study of advanced rotary combustion engines for commuter aircraft [NASA-CR-165399] p 214 N83-17545
- Advanced rotary engines p 340 N83-22454
- High Temperature Turbine Technology Program Phase 2 Technology test and support studies [DE83-008933] p 699 N83-33173
- High-temperature-turbine technology program Phase 2 Technology test and support studies Transpiration cooled turbine vane aerodynamic cascade results and analysis [DE83-010307] p 765 N83-35404

**D**

**Dalmo Victor Co., Belmont, Calif**

- TCAS 2  
[DV-10496] p 145 N83-14091
- Dayton Univ., Ohio**  
Aerodynamic penalties of heavy rain on landing airplanes p 138 N83-18403  
Heavy rain influence on airplane accidents p 138 N83-18415  
A proposed simple and safe aircraft take-off or landing procedure with wing roughness or protuberances [AIAA PAPER 83-0604] p 153 N83-19594  
Numerical simulation of airfoil ice accretion [AIAA PAPER 83-0112] p 428 N83-36042  
Dayton aircraft cabin fire model, version 3 Volume 2 Program user's guide and appendices [AD-A118390] p 16 N83-11099  
A model for prediction bird and ice impact loads on structures [AD-A119408] p 184 N83-14543  
Analytical and experimental investigation of turbine blade damping [AD-A120470] p 213 N83-16345  
Materials screening tests of the FOD impact design technology program, task 4C [AD-A119839] p 225 N83-16401  
Proceedings Ejector Workshop for Aerospace Applications [AD-A124264] p 395 N83-24510  
High frequency fatigue of turbine blade material [AD-A124585] p 458 N83-25713  
Automated design of damage resistant structures Volume 1 Theory and application [AD-A125731] p 527 N83-27982  
Automated design of damage resistant structures Volume 2 Program user's manual [AD-A125732] p 527 N83-27983  
Investigation of crew restraint system biomechanics [AD-A126199] p 510 N83-29190  
Computer programs for producing single-event aircraft noise data for specific engine power and meteorological conditions for use with USAF (United States Air Force) community noise model (NOISEMAP) [AD-A127419] p 653 N83-31422  
A computer simulation of aircraft evacuation with fire [NASA-CR-166511] p 589 N83-31586  
Structural element and real blade impact testing, volume 1 [AD-A127744] p 618 N83-31606  
Spectrometer sensitivity investigations on the spectrometric oil analysis program [AD-A127969] p 638 N83-31752  
A model for nocturnal frost formation on a wing section Aircraft takeoff performance penalties [NASA-CR-3733] p 768 N83-36598
- Defence and Civil Inst. of Environmental Medicine, Downsview (Ontario)**  
An operational hygiene study for ozone in the cabin of the Canadian Forces (CC137) Boeing 707 aircraft [AD-A121749] p 332 N83-20937  
Theory underlying the peripheral vision horizon device [AD-A124426] p 445 N83-25710  
Water survival 20 years Canadian Forces aircrew experience [AD-A125401] p 509 N83-27969
- Defence Research Establishment Pacific, Victoria (British Columbia)**  
Detection and diagnosis of bearing deterioration in aircraft propulsion systems by wear debris analysis p 184 N83-15506
- Defence Research Information Centre, Orpington (England)**  
Durability of propeller shaft interference fits under variable cyclic loading [DRIC-T-6880] p 684 N83-32803
- Defence Mapping Agency Aerospace Center, St. Louis, Mo**  
Precision navigational filmstrips for use in DOD aircraft [AD-A124761] p 432 N83-25688
- Defence Mapping School, Fort Belvoir, Va.**  
The influence of reference system disparity on navigation and positioning [AD-A125546] p 515 N83-29195
- Delaware Univ., Newark**  
Inlet-fan flow field computation [ASME PAPER 83-GT-41] p 713 N83-47901
- Delco Electronics, Santa Barbara, Calif.**  
Full-authority fault-tolerant electronic engine control system for variable cycle engines [AD-A121746] p 359 N83-21357
- Denver Research Inst., Colo**  
Relative cost and training effectiveness of the 6883 F-111 converter/light control system simulators as compared to actual equipment [AD-A123534] p 402 N83-24523

**Department of Agriculture, Phoenix, Ariz.**

- Airborne reconnaissance in the civilian sector - Agricultural monitoring from high-altitude powered platforms p 566 N83-39939

**Department of Energy, Bartlesville, Okla.**

- Aviation turbine fuels, 1981 p 404 N83-23478  
Thermodynamics of organic compounds [AD-A125022] p 483 N83-27895  
Aviation turbine fuels, 1982 [DE83-010848] p 758 N83-35165

**Department of Energy, Washington, D. C.**

- Symposium on Commercial Aviation Energy Conservation Strategies Papers and presentations [AD-A107106] p 188 N83-17455  
Advanced Gas Turbine (AGT) powertrain system development for automotive applications [NASA-CR-167901] p 708 N83-33800

**Department of Transport, Pretoria (South Africa).**

- Human factors in air safety p 320 N83-23234

**Department of the Air Force, Washington, D. C.**

- USAF (United States Air Force) avionics master plan [AD-A125819] p 531 N83-29205

**Department of Transportation, Washington, D. C.**

- Airport delay and improvement study John F. Kennedy International Airport and LaGuardia Airport [PB82-195884] p 58 N83-11153

**Detroit Diesel Allison, Indianapolis, Ind.**

- Application of 3D aerodynamic/combustion model to combustor primary zone study [AIAA PAPER 83-1265] p 454 N83-36316  
Component qualification and initial build of the AGT 100 advanced automotive gas turbine [ASME PAPER 83-GT-225] p 763 N83-48023  
Components for digitally controlled aircraft engines [NASA-CR-165296] p 201 N83-12089  
Time-variant aerodynamics for translational motion of large-turning airfoils [AD-A118884] p 203 N83-13105  
Advanced Gas Turbine (AGT) power-train system development [NASA-CR-167875] p 186 N83-15627  
Full-authority fault-tolerant electronic engine control system for variable cycle engines [AD-A121746] p 359 N83-21357  
Influence of blade tip clearance on aerodynamically induced vibration [AD-A123125] p 394 N83-23312  
Rotorcraft convertible engine study [NASA-CR-168161] p 537 N83-27996  
Small gas turbine combustor primary zone study p 538 N83-29221  
Applications of a compression system stability model p 542 N83-29260  
Advanced digital controller development program, task 1 [AD-A129269] p 749 N83-36034

**Deutsche Forschungs- und Versuchsanstalt fuer Luft- und Raumfahrt, Brunswick (West Germany).**

- Techniques for air traffic planning and handling in the terminal area [DFVLR-MITT-82-04] p 27 N83-10032  
Handling qualities aspects of CTOL aircraft with advanced flight controls p 50 N83-10064  
Comparison of rotor analysis results with aerodynamic windtunnel data p 194 N83-17487  
Propeller aircraft noise-certification and flight testing p 308 N83-18657  
Evaluation of aerodynamic derivatives from Do 28 TNT-free flight model tests [DFVLR-FB-82-17] p 265 N83-18711  
Project Cockpit Instruments and Human Engineering as part of a joint programme of research on aircraft guidance and control [DFVLR-FB-82-13] p 270 N83-18722  
Measurement of the flow-field behind harmonically oscillating gust generators in the model subsonic wind tunnel (MUK) [DFVLR-FB-82-26] p 315 N83-20920  
Investigations on four-dimensional guidance in the TMA p 326 N83-22187  
Flight testing of a strapdown system Results of a special flight test [DFVLR-MITT-83-02] p 514 N83-27973  
On the fail-safe characteristics of stiffened panels [DFVLR-FB-83-08] p 562 N83-28501  
Propeller aircraft noise certification and flight testing [DFVLR-MITT-82-16] p 572 N83-28993  
Evaluation of an airborne terminal for a digital data link in aviation [DFVLR-FB-83-05] p 516 N83-29196  
Correlation aspects of analytical, wind tunnel and flight test results for a hingeless rotor helicopter p 604 N83-30373

- Correlation aspects in the identification of dynamic effects using complementary techniques flight in turbulence Gust alleviation p 628 N83-30374  
Results of Beaver aircraft parameter identification [DFVLR-FB-83-10] p 678 N83-32798
- Deutsche Forschungs- und Versuchsanstalt fuer Luft- und Raumfahrt, Cologne (West Germany).**  
Comparison of a propfan/turboprop engine by thermodynamic cycle calculations [DFVLR-MITT-82-18] p 617 N83-30434
- Deutsche Forschungs- und Versuchsanstalt fuer Luft- und Raumfahrt, Goettingen (West Germany)**  
The influence of blade tip geometry on the unsteady pressure distribution of a rotor blade Part 1 Rectangular tip [DFVLR-FB-82-11] p 14 N83-11091  
Computation of the flow around wings with rear separation [DFVLR-FB-82-22] p 195 N83-17517  
Introductory survey of aeroelastic problems in separated and transonic flow p 313 N83-20895  
Aeroelastic buffeting prediction technique A general review p 341 N83-20898  
Unsteady airloads on oscillating wings in post-stall condition p 314 N83-20906  
Three-dimensional wall corrections for ventilated wind tunnels p 348 N83-20965  
Condensation studies in cryogenic nitrogen expansions p 465 N83-25720  
Propeller noise at subsonic blade tip speeds, torque and thrust force [DFVLR-MITT-82-17] p 653 N83-31425
- Deutsche Forschungs- und Versuchsanstalt fuer Luft- und Raumfahrt, Oberpfaffenhofen (West Germany)**  
Systematic computer aided control design p 342 N83-22097
- Deutsche Forschungs- und Versuchsanstalt fuer Luft- und Raumfahrt, Stuttgart (West Germany)**  
Behavior of aircraft engine oils at high temperature p 185 N83-15529
- Deutsche Forschungs- und Versuchsanstalt fuer Luft- und Raumfahrt, Wessling (West Germany)**  
Astroplane A European research aircraft for IR and submillimetre astronomy (the DFVLR proposal) p 369 N83-22049
- Deutsche Gold- und Silber-Scheideanstalt, Frankfurt am Main (West Germany).**  
Gas turbine parts made of injection molded silicon nitride [BMFT-FB-T-83-021] p 539 N83-29240  
Gas turbine parts made of injection molded silicon nitride and brazing of silicon nitride with metal [BMFT-FB-T-83-028] p 554 N83-29377
- Deutsche Lufthansa Aktiengesellschaft, Cologne (West Germany)**  
Aircraft noise problems p 224 N83-13940
- Deutsche Shell A. G., Hamburg (West Germany)**  
Shell briefing service Aircraft fuels today and tomorrow p 638 N83-30678
- Dornier-Werke G.m.b.H., Friedrichshafen (West Germany)**  
Modern wing technology for general aviation aircraft Phase 3 Flight testing [BMFT-FB-W-82-012] p 33 N83-11121  
Estimation of simulation errors and investigations of operating range extensions for the European Transonic Wind tunnel (ETW) [BMFT-FB-W-82-003] p 58 N83-11152  
Influence of configuration components of statically unstable combat aircraft on the aerodynamic design for high angle-of-attack p 245 N83-18694  
The Open Loop Gust Alleviation system OLGA [BMFT-FB-W-82-030] p 397 N83-23319  
Design, construction and test of an experimental propeller in the power range 750 HP [BMFT-FB-W-83-004] p 507 N83-29184  
Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing A comparison between wind tunnel and flight results for aerodynamic performance p 603 N83-30361
- Douglas Aircraft Co., Inc., Long Beach, Calif**  
Sound propagation in segmented exhaust ducts - Theoretical predictions and comparison with measurements [AIAA PAPER 83-0734] p 366 N83-28016  
Computational aerodynamics applications to transport aircraft design [AIAA PAPER 83-2061] p 578 N83-41902  
The optimization of aircraft seat cushion fire-blocking layers Full Scale Test description and results [NASA-CR-166418] p 16 N83-11097  
Evaluation of laminar flow control systems for subsonic commercial transport aircraft. Executive summary [NASA-CR-159252] p 216 N83-17551

- Service evaluation of airborne tire pressure indicating systems  
[DOT/FAA/RD-82/89] p 331 N83-20934
- Compatibility study of antimisting kerosene and the DC/KC-10 fuel system  
[FAA-CT-82-116] p 404 N83-23466
- The lightning spark burner p 647 N83-31241
- Advanced composite vertical stabilizer for DC-10 transport aircraft  
[NASA-CR-172780] p 607 N83-31595
- A study of small crack growth under transport spectrum loading p 701 N83-34108
- Improved interior emergency lighting study  
[DOT/FAA/CT-83/31] p 721 N83-36010
- Dowty Rotol Ltd., Gloucester (England).**
- Landing gear shock absorber development to improve aircraft operating performance on rough and damaged runways p 158 N83-15299
- Historical review of propeller developments p 242 N83-18652
- Propeller performance prediction and design techniques p 281 N83-18653
- Draper (Charles Stark) Lab., Inc., Cambridge, Mass.**
- Low altitude navigation augmentation system  
[AD-A119700] p 147 N83-14100
- Drexel Univ., Philadelphia, Pa.**
- A variable structure approach to robust control of VTOL aircraft p 544 N83-37145
- Pollutant formation in monodisperse fuel spray combustion p 538 N83-29213
- Duesseldorf Univ. (West Germany).**
- The flow of air-passenger traffic in the Federal Republic of Germany with emphasis on airports and their hinterland  
[GEOGRAPHISCHE-SCHRIFTEN-18] p 380 N83-23283

## E

- Eastern Air Lines, Inc., Atlanta, Ga.**
- Air traffic control its effect on fuel conservation p 202 N83-17464
- A practical economic criterion for fuel conservation p 239 N83-17468
- Ecole Nationale Supérieure des Télécommunications, Paris (France).**
- Numerical treatment of Doppler radar signals  
[ENST-E-82014] p 478 N83-27114
- Ecole Polytechnique Fédérale de Lausanne (Switzerland).**
- Aeroelasticity in turbomachine-cascades  
[AD-A127709] p 618 N83-31605
- ECOM, Inc., Princeton, N.J.**
- Status, trends and implications of carbon fiber material use  
[PB83-147751] p 471 N83-26934
- Ederington, Gerneshausen and Grier, Inc., Salem, Mass.**
- Phase 2A bench model development tactical rubidium frequency standard p 477 N83-25990
- EG and G Washington Analytical Services Center, Inc., Pocomoke City, Md.**
- Airborne dual laser excitation and mapping of phytoplankton photopigments in a Gulf Stream Warm Core Ring p 648 N83-42210
- Electro Magnetic Applications, Inc., Denver, Colo.**
- Interpretation methodology and analysis of in-flight lightning data  
[NASA-CR-3590] p 69 N83-11661
- Electromagnetic Compatibility Analysis Center, Annapolis, Md.**
- EMC analysis of a prototype civil use GPS receiver on four aircraft configurations  
[ECAC-CR-82-048] p 217 N83-12300
- Microwave Landing System (MLS) channel plans and traffic loading  
[DOT/FAA/RD-81/113] p 146 N83-14097
- Electronique Serge Dassault, St. Cloud (France).**
- Towards a ventable supervisor program for avionics software p 334 N83-22116
- D.L.A.O. A support system for defining avionics software p 335 N83-22119
- Elektroschmelzwerk Kenpten G.m.b.H., Munich (West Germany).**
- Development and fabrication of refractory bodies for gas turbine engines  
[BMFT-FB-T-82-138] p 164 N83-14132
- Elliott (Dennis) and Associates, Inc., Arlington, Tex.**
- Assessment of Houston Airport WEDway Automated Transit System  
[PB83-210443] p 754 N83-36042
- Embry-Riddle Aeronautical Univ., Daytona Beach, Fla.**
- Evaluating the use of electronic flight instrument systems in general aviation aircraft  
[AD-A118604] p 198 N83-12083

- Environmental Protection Agency, Washington, D.C.**
- Airport noise Land-use compatibility by the year 2000  
[PB82-259151] p 220 N83-16359
- Environmental Systems Corp., Knoxville, Tenn.**
- 'Scaling' analysis of the ice accretion process on aircraft surfaces  
[ASME PAPER 82-WA/HT-39] p 248 N83-25693
- ERA Ltd., Leatherhead (England).**
- Investigation of the RF properties of carbon fiber composite materials  
[ERA-81-109] p 552 N83-28084
- Further measurements of the screening effectiveness of carbon fiber composite materials p 552 N83-28088
- The electromagnetic environment of an airframe partly constructed from carbon fiber composite material p 552 N83-28090
- The performance of VHF and UHF aural mounted on carbon fiber composite materials p 560 N83-28092
- EMC implications of using CFC materials in aircraft manufacture p 552 N83-28093
- Erno Raumfahrttechnik G.m.b.H., Bremen (West Germany).**
- Development of advanced heating facility concepts for microgravity application p 633 N83-31653
- ESDU International Ltd., London (England).**
- Average downwash at the tailplane at low angles of attack and subsonic speeds, Amendment A  
[ESDU-80020-AMEND-A] p 663 N83-32747
- Contribution of wing planform to rolling moment derivative due to sideslip, (L sub V) sub W, at subsonic speeds p 663 N83-32751
- Effect of trailing-edge flaps on rolling moment derivative due to sideslip, (L sub V) sub F p 663 N83-32752
- Pressure recovery of axisymmetric intakes at subsonic speeds p 663 N83-32753
- Effect of trailing-edge flaps on sideforce and yawing moment derivatives due to sideslip, (Y sub v) sub f and (N sub v) sub f Amendment A  
[ESDU-81013-AMEND-A] p 663 N83-32755
- Contribution of wing planform to derivatives of yawing moment and sideforce due to roll rate at subsonic speeds (N sub p)sub w and (Y sub p)sub w p 663 N83-32756
- Lift and drag of two staggered lifting surfaces at low speeds p 663 N83-32759
- Drag of axisymmetric cowls at zero incidence for subsonic Mach numbers p 664 N83-32760
- Linearized two-dimensional oscillatory airforce coefficients and load distributions on thin aerofoils in subsonic flow p 664 N83-32761
- Linearized two-dimensional oscillatory airforce coefficients and load distributions on thin aerofoils in supersonic flow p 664 N83-32762
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to sideslip, (Y sub v) sub f, (N sub v) sub f, (L sub v) sub f, in the presence of body, wing and tailplane p 664 N83-32763
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of yaw, (Y sub r)sub F, (N sub r)sub F, (L sub r)sub F p 664 N83-32764
- Aircraft forces due to interference between a jet efflux and a slotted flap p 664 N83-32768
- Approximate parametric method for propeller thrust estimation p 664 N83-32769
- Contribution of fin to sideforce, yawing moment and rolling moment derivatives due to rate of roll, (Y sub p) sub F, (N sub p) sub F, (L sub p) sub F, in the presence of body, wing and tailplane p 665 N83-32770
- The use of data items on aircraft performance estimation p 677 N83-32787
- Simplified forms of performance equations p 677 N83-32788
- Estimation of windmilling drag and airflow of turbo-jet and turbo-fan engines p 677 N83-32789
- Representation of drag in aircraft performance calculations p 677 N83-32790
- Estimation of rolling moment derivative due to sideslip for complete aircraft at subsonic speeds  
[ESDU-81032-AMEND-A] p 678 N83-32791

- Acceleration factors for climb and descent rates at constant EAS, CAS, M p 678 N83-32792
- [ESDU-81048]**
- First approximation to take-off distance to 50 ft (15 2m) for light and general aviation airplanes  
[ESDU-82033] p 678 N83-32793
- Designing with rolling bearings Part 3 Special types  
[ESDU-82014] p 698 N83-33160
- Elastic stresses in the adhesive in single step double lap bonded joints  
[ESDU-80011] p 699 N83-33190
- Buckling of outstanding flanges direct stresses varying linearly or parabolically  
[ESDU-80035] p 699 N83-33194
- Lattice structures Part 1 Mean fluid forces on single and multiple plane frames  
[ESDU-81027-PT-1-AMEND-A] p 699 N83-33201
- Lattice structures Part 2 Mean fluid forces on tower-like space frames  
[ESDU-81028-PT 2-AMEND-A] p 700 N83-33202
- Strong winds in the atmosphere boundary layer Part 1 Mean hourly wind speeds  
[ESDU-82026-AMEND-A] p 700 N83-33209
- An introduction to aircraft noise lateral attenuation  
[ESDU-81035] p 706 N83-33677
- Estimation of lateral attenuation of air-to-ground jet or turbofan aircraft noise in one-third octave bands  
[ESDU-82027] p 706 N83-33680
- Eurocontrol Agency, Brussels (Belgium)**
- Dynamic control of inbound flights for minimum cost operation p 326 N83-22186
- European Space Agency, Paris (France).**
- Development of the flow field in streamwise corners at hypersonic speeds and effects of the corner flow on downstream fitted flaps  
[ESA-TT-583] p 378 N83-24480
- Evaluation of aerodynamic derivatives from Do-28-TNT free-flight model tests  
[ESA-TT-784] p 442 N83-25706
- Drag reduction by means of pneumatic turbulators  
[ESA-TT-743] p 505 N83-27965
- Laminar boundary layers in the vicinity of the attachment line on wings and winglike bodies at incidence  
[ESA-TT-752] p 505 N83-27966
- Flight testing of inertial navigation systems Hardware and software description  
[ESA-TT-772] p 515 N83-27974
- An observer approach to the identification and isolation of sensor failures in flight control systems  
[ESA-TT-738] p 546 N83-28001
- Ground reflection effects in measuring propeller aircraft flyover noise  
[ESA-TT-742] p 571 N83-28992

## F

- Factory Mutual Research Corp., Norwood, Mass.**
- Computer modeling of aircraft cabin fire phenomena  
[PB83-119891] p 319 N83-22174
- Failure Analysis Associates, Palo Alto, Calif.**
- Analysis of a turbine rotor containing a transverse crack at Oak Creek Unit 17 p 186 N83-15632
- Fairchild Republic Co., Farmingdale, N.Y.**
- Low-speed aerodynamic characteristics of a generic forward-swept-wing aircraft  
[SAE PAPER 821467] p 496 N83-37998
- Falcon Research and Development Co., Englewood, Colo.**
- Correlation of flammability test data of antimisting fuels  
[FAA-CT-82-29] p 352 N83-22441
- Correlation of flammability test data on antimisting fuels  
[AD-A127142] p 694 N83-34068
- Federal Aviation Administration, Atlantic City, N.J.**
- Mixing 4D equipped and unequipped aircraft in the terminal area  
[AIAA PAPER 83-2240] p 591 N83-41717
- Light aircraft piston engine carburetor ice detector/warning device sensitivity/effectiveness  
[AD-A117745] p 38 N83-10041
- Comparison of the Mode S system to the Automated Radar Terminal System (ARTS) with respect to range and azimuth resolution  
[AD-A118247] p 27 N83-11104
- Traffic alert and collision avoidance system logic evaluation Volume 1 Unequipped threat phase  
[AD-A118256] p 28 N83-11106
- Identification of exit taxiways (retroreflective markers only)  
[AD-A117487] p 58 N83-11151
- Preliminary evaluation of the basic experimental active Beacon Collision Avoidance System (BCAS)  
[DOT/FAA/RD-82/67] p 186 N83-12058

Flight test investigation of area calibrated LORAN-C for en route navigation in the Gulf of Mexico  
[FAA-RD-82-7] p 186 N83-12059

Coast Terminal Radar Approach Control Facility (TRACON) refurbishment  
[DOT/FAA/RD-82/38] p 186 N83-12060

Airport Surface Detection Equipment (ASDE)-3 improvements test and evaluation  
[DOT/FAA/RD-82/23] p 187 N83-12063

Recommendations for automated monitoring of radio equipment associated with flight service stations  
[FAA-CT-82-31] p 217 N83-12298

TCAS 2 threat detection and resolution logic testing  
p 145 N83-14090

Loran-C en route accuracies in the central Appalachian region  
[FAA-RD-82-24] p 147 N83-15274

In-flight aircraft seat fire extinguishing tests (cabin hazard measurements)  
[FAA-CT-82-111] p 197 N83-16308

Equivalency evaluation of firefighting agents and minimum requirements at US Air Force airfields  
[AD-A126443] p 198 N83-17524

Evaluation of retroreflective pavement markers for precision and nonprecision runways  
[FAA-CT-82-112] p 220 N83-17558

Evaluation of supplemental lights for caution bars  
[FAA-CT-82-119] p 220 N83-17559

Mode S baseline radar tracking  
[FAA-RD-82-53] p 233 N83-17770

Global positioning system en route/terminal exploratory tests  
[FAA-RD-82-71] p 260 N83-18705

En route Moving Target Detector (MTD) 2 Test and evaluation  
[FAA-RD-82-34] p 359 N83-21212

A study of bird ingestions into large high bypass ratio turbine aircraft engines  
[FAA-CT-82-144] p 319 N83-22173

Braking of an aircraft tire on grooved and porous asphaltic concrete  
[FAA-CT-82-147] p 360 N83-22593

Crash injury protection in survivable air transport accidents United States civil aircraft experience from 1970 through 1978 (incomplete)  
[FAA-CT-82-118] p 381 N83-24489

Evaluation of Precision Approach Path Indicator (PAPI)  
[FAA-CT-82-153] p 383 N83-24495

Fire containment characteristics of aircraft class D cargo compartments  
[FAA-CT-82-156] p 509 N83-27968

Installation, validation and flight evaluation of the Federal Aviation Administration's head-up display system  
[NASA-TM-85255] p 610 N83-30412

Eighth International Aerospace and Ground Conference on Lightning and Static Electricity Lightning Technology Roundup  
[FAA-CT-83-25] p 649 N83-31163

Engine performance comparison associated with carburetor icing during aviation grade fuel and automotive grade fuel operation  
[DOT/FAA/CT-82/110] p 618 N83-31604

Survey of characteristics of near mid-air collisions involving helicopters  
[FAA-CT-83-40] p 720 N83-34920

**Federal Aviation Administration, Los Angeles, Calif**  
Wake vortex attenuation flight tests - A status report  
p 30 A83-11806

**Federal Aviation Administration, Moffett Field, Calif**  
Helicopter IFR approaches into major terminals using RNAV, MLS, and CDTI  
p 584 A83-41042

**Federal Aviation Administration, Washington, D C**  
Direct aircraft velocity determination by L-band moving target detector radar  
[AD-A117512] p 27 N83-10031

Summary of Federal Aviation Administration responses to National Transportation Safety Board safety recommendations  
[AD-A118692] p 184 N83-12055

Census of US civil aircraft, calendar year 1981  
[AD-A119358] p 176 N83-13067

Airport activity statistics of certificated route air carriers  
[AD-A119713] p 185 N83-13084

Third Symposium on Traffic Alert and Collision Avoidance Systems (TCAS)  
[FAA-RD-82-75] p 144 N83-14080

TCAS program  
p 145 N83-14081

Status of Mode S implementation  
p 145 N83-14082

TCAS 2 operational doctrine  
p 145 N83-14083

Evaluation of TCAS 2 in an air carrier environment  
p 146 N83-14092

Traffic alert and collision avoidance system  
p 146 N83-14094

Summary of Dalmo Victor and Lincoln Laboratory PWI bearing performance  
p 146 N83-14096

Summary of the FAA's future navigation system max evaluation, through May 1982  
[AD-A119314] p 146 N83-14099

The impact of petroleum, synthetic and cryogenic fuels on civil aviation  
[FAA-EM-82-29] p 178 N83-14291

Use of radar position reports for estimating aircraft acceleration  
[FAA-RD-82-81] p 156 N83-15281

Maintenance of airport visual aid facilities Advisory circular  
[AC-150/5340-26] p 219 N83-16352

An overview of the DOT/FAA aviation energy conservation policy  
p 235 N83-17460

Applicability of 3D display research to operational needs  
p 272 N83-20702

Overview of United States program for modernizing air traffic control and airway facilities  
p 325 N83-22184

FAA certification requirements for future fuels, fuel systems and powerplants  
p 352 N83-22443

The 3rd Traffic Alert and Collision Avoidance System (TCAS) Symposium  
[AD-A123037] p 381 N83-23288

Advanced Automation System (AAS) transition strategy  
[FAA-AP-83-1] p 382 N83-24493

National Airspace System Plan, facilities, equipment and associated development  
p 402 N83-24521

Helicopter noise exposure curves for use in environmental impact assessment  
[AD-A123467] p 413 N83-25500

FAA aviation forecasts Fiscal years 1983-1994  
[AD-A124611] p 416 N83-25652

General aviation activity and avionics survey  
[AD-A124595] p 416 N83-25653

Aviation Executive Conference  
[AD-A124581] p 416 N83-25654

Runway surface condition sensor specification guide  
[AC-150/5220-13A] p 465 N83-25728

A survey of helicopter and ambient urban noise levels in Phoenix, Arizona  
[AD-A123856] p 479 N83-26322

Advisory circular Airport design standards Transport airports  
[FAA-AC-150/5300-12] p 548 N83-28005

Advisory circular Building for storage and maintenance of airport snow removal and ice control equipment A guide  
[FAA-AC-150/5220-15] p 560 N83-28283

State of the art survey on confined base courses for utility airport pavements  
[FAA-PM-83-24] p 690 N83-32813

The FAA (Federal Aviation Administration) air traffic activity FY 1982  
[AD-A128702] p 712 N83-34889

Summary Proceedings of the Future Navigation Systems Planning Conference  
[AD-A128717] p 724 N83-34932

Advisory circular Certification of transport category rotorcraft  
[FAA-AC-29-2] p 721 N83-36011

The effectiveness of the Civil Aviation Security Program  
[AD-A128687] p 721 N83-36013

Helicopter noise survey at selected New York City heliports  
[AD-A129167] p 770 N83-36849

**Federal Aviation Agency, Atlantic City, N J**  
Operational and technical evaluation of the full digital Automated Radar Terminal Systems (ARTS) Display (FDAD)  
[AD-A122269] p 324 N83-20930

Traffic Alert and Collision Avoidance System (TCAS) evaluation Volume 2 Equipped threat phase and an assessment in an error-degraded environment  
[FAA-CT-82-52-2-VOL-2] p 325 N83-22176

Digital flight control system validation  
[AD-A124506] p 462 N83-26847

LORAN-C nonprecision approaches in the northeast corridor  
[FAA-RD-82-78] p 515 N83-29192

General aviation safety research issues  
[AD-A130074] p 722 N83-36015

**Feecon Corp., Westborough, Mass.**  
Air transportable AS32/P-4 crash rescue vehicle  
[AD-A128068] p 669 N83-33864

**Florence Univ (Italy)**  
Blade design with a finite element method  
p 283 N83-19040

**Florida State Univ., Tallahassee**  
On the shock cell structure and noise of supersonic jets  
[AIAA PAPER 83-0703] p 306 A83-25923

**Florida Univ., Gainesville**  
Vortex motion in axisymmetric piston-cylinder configurations  
[NASA-TM-85404] p 765 N83-35318

**Flow Application Research, Fremont, Calif**  
Turbine engine fuel conservation by fan and compressor profile control  
p 213 N83-17467

**Flow Research, Inc., Kent, Wash**  
An experience in mesh generation for three-dimensional calculation of potential flow around a rotating propeller  
p 501 A83-38798

Finite volume calculation of three-dimensional potential flow around a propeller  
p 660 A83-45577

Calculation of transonic potential flow around a wing-body-tail combination  
[AD-A124247] p 378 N83-24482

**Flughafen, Frankfurt am Main (West Germany)**  
Runway 18 West under discussion On icy winds in the airport controversy  
[FACHTHEMEN-1] p 400 N83-23320

Questions and answers concerning runway 18 West  
[FACHTHEMEN-2] p 400 N83-23321

The runways of the Frankfurt Main airport Air traffic lifelines  
[FACHTHEMEN-3] p 400 N83-23322

Multiplication effects due to wages, salaries and commissions paid at the airport  
[FACHTHEMEN-4] p 400 N83-23323

**Fluidyne Engineering Corp., Minneapolis, Minn**  
Preliminary engineering study Quick opening valve MSFC high Reynolds number wind tunnel  
[NASA-CR-170845] p 632 N83-31612

Preliminary engineering study quick opening valve MSFC high Reynolds number wind tunnel (study report appendices)  
[NASA-CR-170849] p 690 N83-33906

**Flying Training Wing (323d), Mather AFB, Calif**  
AICUZ (Air Installation Compatible Use Zone) report  
[AD-A124974] p 483 N83-27801

**Ford Motor Co., Dearborn, Mich**  
Evaluation of ceramics for stator applications Gas turbine engines interim report Stator fabrication and evaluation  
[NASA-CR-168140] p 637 N83-30662

**Forecasting International Ltd., Arlington, Va**  
Evaluation of technology assessments and development of evaluation protocols, project report  
[PB82-197393] p 224 N83-13027

Evaluation of technology assessments and development of evaluation protocols  
[PB82-197385] p 224 N83-13028

**Franklin Research Center, Philadelphia, Pa**  
Computer control and activation of six-degree-of-freedom simulator  
[AD-A126126] p 549 N83-28010

**Fraunhofer-Inst fuer Betriebsfestigkeit, Darmstadt (West Germany)**  
Operational loads at nose and main landing gear of an airplane of type Airbus A 300 B2 during normal service of the German Lufthansa  
[BMFT-FB-W-82-010] p 33 N83-11120

Review of investigations of aeronautical fatigue in the Federal Republic of Germany  
[LBF-S-166] p 703 N83-34387

**French Air Force, Paris**  
Handling combat engines The pilots viewpoint  
p 540 N83-29247

**FWG Associates, Inc., Tullahoma, Tenn**  
Influence of multidroplet size distribution on icing collection efficiency  
[AIAA PAPER 83-0110] p 188 A83-16526

Flight in low-level wind shear  
[NASA-CR-3678] p 362 N83-21711

## G

**Garrett Turbine Engine Co., Phoenix, Ariz.**  
Design and development of a mixer compound exhaust system  
p 274 A83-24029

Experiments in dilution jet mixing  
[AIAA PAPER 83-1201] p 475 A83-36277

Three-dimensional compressible viscous analysis of mixer nozzles  
[AIAA PAPER 83-1401] p 422 A83-36391

High-temperature (649 deg C/1200 deg F) coatings for gas-lubricated foil bearings of the Navy's advanced auxiliary power unit concepts  
p 185 N83-15538

A method to estimate weight and dimensions of small aircraft propulsion gas turbine engines User's guide  
[NASA-CR-168049] p 213 N83-16343

Computer program to predict noise of general aviation aircraft User's guide  
[NASA-CR-168050] p 238 N83-17242

Future of alternate fuels for turbine engines  
p 353 N83-22453

- TPE331/T76 turboprop propulsion engine durability [AD-A122962] p 394 N83-23314  
Computations of emissions using a 3-D combustor program p 538 N83-29226  
Scaled centrifugal compressor, collector and running gear program p 617 N83-30432  
Advanced Gas Turbine (AGT) powertrain system development for automotive applications [NASA-CR-167901] p 708 N83-33800
- Gates Learjet Corp., Wichita, Kans.**  
Aerodynamic optimization, comparison, and trim design of canard and conventional high performance general aviation configurations [AIAA PAPER 83-0058] p 148 A83-16490
- Gelman Research Associates, Inc., Jenkintown, Pa.**  
Government financial support for civil aircraft research, technology and development in four European countries and the United States [NASA-CR-169537] p 225 N83-14022  
Economic analysis of aeronautical research and technology [NASA-CR-170083] p 368 N83-22025
- General Accounting Office, Washington, D C**  
Air launched cruise missile Logistics planning problems and implications for other weapons systems [AD-A118129] p 33 N83-11119  
The changing airline industry A report, 1981 [GAO/CEO-82-94] p 139 N83-14075  
Fresh look is needed at south Florida jetport [GAO/CEO-82-54] p 189 N83-14769  
Greater benefits to be gained from DoD flight simulators [AD-A123713] p 466 N83-25731  
Army helicopter improvement program's future may depend on success in controlling cost [PB83-168187] p 529 N83-29202  
Savings can be made by using compressed air when testing aircraft for fuel leaks [GAO/PLRD-83-69] [B-207202] p 576 N83-30355  
Potential joint civil and military use of military airfields [PB83-186734] p 633 N83-31616  
The B-1 bomber program A new start [AD-A127523] p 708 N83-34844
- General Dynamics/Convair, San Diego, Calif**  
The design of a human-powered vehicle [AIAA PAPER 83-0649] p 180 A83-16816
- General Dynamics Corp., Fort Worth, Tex**  
The design, testing and analysis of aerodynamically tailored transonic flutter model wings [AIAA 83-1027] p 330 A83-29876  
A design study of a reaction control system for a V/STOL fighter/attack aircraft [ASME PAPER 83-GT-199] p 743 A83-48002  
Development of aerodynamic prediction methods for irregular planform wings [NASA-CR-3664] p 195 N83-17515  
Advanced Ultra-Violet (UV) aircraft fire detection system Volume 1 System description and flight test [AD-A121253] p 198 N83-17526  
Avionic software design p 334 N83-22113  
Force and pressure measurements on a research model with a low-, mid- and T-tail at Mach numbers of 0.60 to 0.90 Volume 2 Tabulated data [AD-A124068] p 425 N83-25676  
Force and pressure measurements on a research model with a low-, mid- and T-tail at Mach numbers of 0.60 to 0.90 Volume 1 Summary report [AD-A124067] p 504 N83-27962  
A preliminary damage tolerance methodology for composite structures p 693 N83-33959
- General Dynamics/Fort Worth, Tex.**  
Advanced Ultra-Violet (UV) aircraft fire detection system Volume 2 System hardware design, software design, and test [AD-A121721] p 250 N83-19722
- General Electric Co., Cincinnati, Ohio.**  
Impacts of broadened-specification fuels on aircraft turbine engine combustors p 59 A83-10655  
Scale model performance test investigation of mixed flow exhaust systems for an energy efficient engine /E3/ propulsion system [AIAA PAPER 83-0541] p 161 A83-16778  
NASA clean catalytic combustor program [ASME PAPER 82-JPGC-GT-11] p 295 A83-25269  
The influence of inlet design on the aeroacoustic performance of a JT15D turbofan engine as measured in the NASA-Ames 40 x 80 foot wind tunnel [AIAA PAPER 83-0681] p 337 A83-28006  
Turbine blade nonlinear structural and life analysis p 337 A83-29024  
The aerodynamic design and performance of the General Electric/NASA EEE fan [AIAA PAPER 83-1160] p 451 A83-36252  
Advanced technology exhaust nozzle development [AIAA PAPER 83-1286] p 496 A83-38080
- Composite engine duct fabrication p 490 A83-39941  
Blade loss transient dynamic analysis of turbomachinery p 612 A83-40884  
Analysis, design, fabrication and testing of an optical tip clearance sensor [NASA-CR-165265] p 44 N83-11127  
CF6 jet engine diagnostics program High pressure turbine roundness/clearance investigation [NASA-CR-165581] p 202 N83-13100  
Conceptual design, evaluation and research identification for Remote Augmented Propulsive Lift Systems (RALS) with ejectors for VTOL aircraft [NASA-CR-167906] p 202 N83-13103  
Tip cap for a rotor blade [NASA-CASE LEW-13654-1] p 184 N83-14129  
Materials for advanced turbine engines Volume 1 Advanced blade tip seal system [NASA-CR-167851-VOL-1] p 166 N83-15308  
Response sensitivity of typical aircraft jet engine fan blade-like structures to bird impacts [AD-A119974] p 166 N83-15310  
Powder metallurgy Rene 95 rotating turbine engine parts, volume 2 [NASA-CR-165141] p 178 N83-15412  
Energy efficient engine Fan test hardware detailed design report [NASA-CR-165148] p 212 N83-16341  
The CF6 engine performance improvement [NASA-CR-165612] p 212 N83-16342  
Material characterization Part B Mechanical properties of 2 metal matrix composite materials [AD-A119829] p 225 N83-16402  
Equivalent damage A critical assessment [NASA-CR-167874] p 214 N83-17542  
Bearing fatigue investigation 3 [NASA-CR-168029] p 233 N83-17880  
Impact of NASA-sponsored research on aircraft turbine engine bearing specifications p 303 N83-20129  
The Rene 150 directionally solidified superalloy turbine blades, volume 1 [NASA-CR-167992] p 338 N83-20946  
Energy efficient engine component development and integration program [NASA-CR-170089] p 339 N83-22204  
Energy efficient engine Core engine bearings, drives and configuration Detailed design report [NASA-CR-165376] p 617 N83-30430  
Control means for a gas turbine engine [NASA-CASE-LEW-14586-1] p 617 N83-31603  
Multiaxial cyclic thermoplasticity analysis with Besseling's subvolume method p 703 N83-34356  
Apparatus for improving the fuel efficiency of a gas turbine engine [NASA-CASE-LEW-13142-1] p 748 N83-36029
- General Electric Co., Evendale, Ohio**  
Sound propagation in segmented exhaust ducts - Theoretical predictions and comparison with measurements [AIAA PAPER 83-0734] p 366 A83-28016  
Energy efficient engine Flight propulsion system preliminary analysis and design [NASA-CR-159859] p 201 N83-12094  
Summary report for CF6 jet engine diagnostics program [NASA-CR-165582] p 214 N83-17539  
Modelling compression component stability characteristics Effects of inlet distortion and fan bypass duct disturbances p 542 N83-29261  
V/STOL propulsion control analysis Phase 2, task 5-9 [NASA-CR-165523] p 684 N83-32804
- General Electric Co., Lynn, Mass.**  
Status report - DARPA/NASA convertible turbofan/turboshaft engine program [ASME PAPER 83-GT-196] p 743 A83-48000  
Analytical fuel property effects, small combustors, phase 1 [NASA-CR-168138] p 404 N83-23464  
Rotorcraft convertible engine study [NASA-CR-168241] p 747 N83-34944
- General Electric Co., Philadelphia, Pa.**  
Composite hybrid flywheel rotor design optimization and fabrication p 553 N83-28620
- General Electric Co., Schenectady, N. Y.**  
Sound propagation in segmented exhaust ducts - Theoretical predictions and comparison with measurements [AIAA PAPER 83-0734] p 366 A83-28016
- General Electric Co., Wilmington, Mass.**  
High accuracy fuel flowmeter, phase 1 [NASA-CR-167893] p 359 N83-21314
- General Motors Corp., Indianapolis, Ind.**  
Multifuel evaluation of rich/lean/lean combustor p 59 A83-11492
- Advanced propfan engine characteristics and technology needs [AIAA PAPER 83-1155] p 450 A83-36250  
An experimental investigation of endwall heat transfer and aerodynamics in a linear vane cascade [ASME PAPER 83-GT-52] p 714 A83-47909  
Life Utilization Criteria Identification in Design (LUCID) [AD-A117807] p 43 N83-10046  
Ceramic applications in turbine engines [NASA-CR-165494] p 771 N83-37028
- General Power Corp., Paoli, Pa.**  
DOE wave-turbine-engine demonstration [DE82-018322] p 562 N83-28458
- General Research Corp., Santa Barbara, Calif**  
A digital flight control system verification laboratory p 55 A83-11178
- George Washington Univ., Hampton, Va.**  
Method for calculating effects of a propfan on aircraft aerodynamics at subsonic speeds [AIAA PAPER 83-1216] p 420 A83-36287  
Natural laminar flow data from full-scale flight and wind-tunnel experiments p 422 A83-36409  
The use of laterally vectored thrust to counter thrust asymmetry in a tactical jet aircraft [NASA-CR-166047] p 170 N83-15319  
Determination of airplane model structure from flight data using splines and stepwise regression [NASA-TP-2126] p 288 N83-19758
- George Washington Univ., Washington, D C**  
Aircraft production and development schedules [AD-A118047] p 6 N83-11056  
Development of fracture mechanics concepts applicable to aircraft structures [AD-A121900] p 302 N83-19135
- Georgia Inst. of Tech., Atlanta**  
Computational aerodynamic design methodology [AIAA PAPER 83-1865] p 501 A83-38692  
Prediction of sound radiation from different practical jet engine inlets [NASA-CR-169533] p 223 N83-13936  
Helicopter rotor loads using discretized matched asymptotic expansions [NASA-CR-166092] p 423 N83-25658  
Helicopter rotor loads using matched asymptotic expansions User's manual [NASA-CR-166093] p 423 N83-25659  
Flight and simulation test analysis system [AD-A125614] p 528 N83-27986  
Evaluation of design criterion of the strategic expeditionary landing field [AD-A128323] p 633 N83-31614
- Georgia State Univ., Atlanta**  
Helicopter vibration suppression using simple pendulum absorbers on the rotor blade p 204 N83-13109
- Georgia Univ., Athens.**  
For operation of the Computer Software Management and Information Center (COSMIC) [NASA-CR-172904] p 569 N83-30060  
Small airport management handbook [PB83-194043] p 754 N83-34959
- GeoScience Research Corp., Salisbury, Md**  
Ice sheet surface features in southwestern Greenland from satellite radio altimetry [NASA-CR-156887] p 362 N83-22689
- Gravions Dorand Co., Suresnes (France)**  
The impact of active control on helicopter handling qualities p 50 N83-10068
- Glasgow Univ (Scotland)**  
Measurement techniques for heat transfer in the turbine using short duration wind tunnel techniques p 216 N83-12271  
Models for predicting tip clearance changes in gas turbines p 541 N83-29255  
Axial compressor characteristics during transients p 542 N83-29259
- Goodyear Aerospace Corp., Akron, Ohio**  
Dynamic stability of a buoyant quad-rotor aircraft p 216 A83-22160  
Control characteristics of a buoyant quad-rotor research aircraft p 262 A83-24430  
1983 LTA technology assessment [AIAA PAPER 83-1617] p 437 A83-36406
- Group for Aeronautical Research and Technology in Europe, Amsterdam (Netherlands)**  
Two-dimensional transonic testing method p 347 N83-20962
- Groupeement des Industries Francaises Aeronautiques et Spatiales, Paris (France).**  
Recommendations as to the elaboration of operational reliability, maintenance cost and availability clauses in aeronautical equipment supply contracts p 303 N83-20180
- Grumman Aerospace Corp., Bethpage, N Y**  
A multi-grid method for the computation of viscous/inviscid interactions on airfoils [AIAA PAPER 83-0234] p 132 A83-16602

A supersonic maneuver wing designed for nonlinear attached flow  
[AIAA PAPER 83-0425] p 134 A83-16707  
SC3 - A wing concept for supersonic maneuvering  
[AIAA PAPER 83-1858] p 500 A83-38685  
Transonic flutter model study of a supercritical wing and winglet  
p 640 A83-41048  
Flight test experience with pilot-induced-oscillation suppressor filters  
[AIAA PAPER 83-2107] p 625 A83-41936  
Pilot ability to understand synthetic voice and radio voice when received simultaneously  
[AD-A119137] p 219 N83-13338  
Manufacturing processes for aeronautical structures  
p 227 N83-17620  
Specific examples of aerospace applications of composites  
p 227 N83-17621  
NTF model concept for the X-29A Part 1  
Requirements, guidelines, and design loads  
p 291 N83-18756  
NTF model concept for the X-29A Part 2 Design and fabrication concept  
p 291 N83-18757  
Potential benefits of a Full Authority Digital Electronic Control (FADEC) installed on a TF30 engine in an F14 flight test demonstrator aircraft  
p 543 N83-29269  
**Grumman Aircraft Engineering Corp., Bethpage, N. Y.**  
Design and fabrication of realistic adhesively bonded joints  
[NASA-CR-166099] p 408 N83-24876

## H

**H H Aerospace Design Co., Inc., Bedford, Mass.**  
A technical analysis of rehosting the National Aerospace System software  
[AD-A118828] p 187 N83-12069  
**Haefely (Emile) and Co Ltd., Basel (Switzerland)**  
An impulse generator to simulate lightning effects on aircraft  
p 587 N83-31221  
**Hahn Associates, Northborough, Mass.**  
Feasibility study on CNC multipoint grinding of jet engine components using force sensing adaptive control  
[AD-A121725] p 302 N83-19953  
**Hamilton Standard, Windsor Locks, Conn.**  
Advanced turboprop propulsion technology  
[SP-03A82] p 281 N83-18659  
Small transport aircraft technology propeller study  
[NASA-CR-168045] p 506 N83-29178  
**Helicopter Association International, Washington, D.C.**  
Rotorcraft air transportation p 251 N83-20834  
**High Technology Corp., Hampton, Va.**  
Stability experiments in rotating-disk flow  
[AIAA PAPER 83-1760] p 555 A83-37232  
**Hitachi Ltd., Tsuchiura (Japan)**  
Rotor vibration caused by external excitation and rub  
p 187 N83-15637  
**Hochschule der Bundeswehr, Hamburg (West Germany)**  
Damage of RFC surface layers by electrostatic charging  
p 649 N83-31169  
**Honeywell, Inc., Lexington, Mass.**  
Thermal infrared pushbroom imagery acquisition and processing  
p 209 A83-22841  
**Honeywell, Inc., Minneapolis, Minn.**  
Demonstration Advanced Avionics System (DAAS) function description  
[NASA-CR-166282] p 26 N83-10027  
Demonstration Advanced Avionics System (DAAS)  
[NASA-CR-166281] p 334 N83-20941  
Demonstration Advanced Avionics System (DAAS) Phase 1 report  
[NASA-CR-170317] p 391 N83-24504  
Demonstration Advanced Avionics System (DAAS), phase 1  
[NASA-CR-166503] p 612 N83-31602  
**Honeywell Systems and Research Center, Minneapolis, Minn.**  
Integrated flight/propulsion control system architectures for a high speed aircraft  
[AIAA PAPER 83-2563] p 746 A83-49595  
Advanced flight control design techniques and handling quality requirements  
p 51 N83-10075  
Advanced flight control system study  
[NASA-CR-163117] p 205 N83-13113  
Application of advanced speech technology in manned penetration bombers  
[AD-A119274] p 219 N83-13344  
Robust reconfiguration for high reliability and survivability for advanced aircraft  
p 688 N83-33898  
**Houston Univ., Tex.**  
The remote link unit A demonstration of operational performance Part 3 Design manual, volume 1  
[AD-A124621] p 476 N83-25934

The remote link unit A demonstration of operational performance Part 3 Design manual Volume 2  
[AD-A124622] p 476 N83-25935  
The remote link unit A demonstration of operational performance Part 2 User's manual  
[AD-A124620] p 476 N83-25938  
The remote link unit A demonstration of operational performance, part 1  
[AD-A124619] p 476 N83-25939  
**HSS, Inc., Bedford, Mass.**  
Development of an airborne visibility meter  
[AD-A124276] p 410 N83-25327  
**Hughes Aircraft Co., Fullerton, Calif.**  
Vibration qualification of equipment mounted in turboprop aircraft  
p 31 N83-10238  
**Hughes Helicopters, Culver City, Calif.**  
Ultrasonic weld bonding of helicopter primary structures  
[AD-A124645] p 477 N83-26081  
**Hydraulic Research Textron, Valencia, Calif.**  
Application of active control landing gear technology to the A-10 aircraft  
[NASA-CR-166104] p 546 N83-27998  
**Hydronautics, Inc., Laurel, Md.**  
Self resonating pulsed water jets for aircraft coating removal Feasibility study  
[AD-A119114] p 218 N83-13292

## I

**Ideal Research, Inc., Rockville, Md.**  
Microwave Ice Accretion Measurement Instrument /MIAMI/ p 208 A83-22163  
Development and test of a Microwave Ice Accretion Measurement Instrument (MIAMI)  
[NASA-CR-3598] p 159 N83-14123  
**IIT Research Inst., Annapolis, Md.**  
Microwave Landing System (MLS) channel plans and traffic loading  
[AD-A117597] p 28 N83-11110  
EMC analysis of a prototype civil-use GPS receiver on four aircraft configurations  
[AD-A119578] p 147 N83-14103  
**Illinois Inst. of Tech., Chicago**  
Design for global damage tolerance and associated mass penalties  
p 214 A83-15321  
**Illinois Univ., Urbana**  
Longitudinal joint systems in slip-formed rigid pavements Volume 5 Summary of field test results from Chicago O'Hare International Airport  
[FAA-RD-79-4-5] p 293 N83-19762  
Angle-of-attack feedback in manual aircraft control  
Piloting techniques and some flight training implications  
p 751 N83-34954  
**Illinois Univ., Urbana-Champaign**  
An expert distributed robotics system with comprehension and learning abilities in the aircraft flight domain  
[AD-A127739] p 652 N83-32401  
**Imperial Coll of Science and Technology, London (England)**  
The evaluation of some collision models used for Monte-Carlo calculations of diatomic rarefied hypersonic flows  
[IC-AERO-82-03] p 583 N83-30396  
Heat transfer and skin friction measurements in a hypersonic turbulent boundary layer at M = 9  
[IC-AERO-82-04] p 583 N83-30397  
Vibration analysis of a helicopter plus an externally-attached structure  
p 607 N83-30769  
**Indian Space Research Organization, Trivandrum**  
SLV-3 flight vibration environment  
p 629 N83-30721  
**Industrieanlagen-Betriebsgesellschaft m b H., Ottobrunn (West Germany)**  
Small cracks in large forgings  
p 701 N83-34109  
**INFOCOM, Crawley (England)**  
Foreign Technology Alert - Bibliography Transportation safety  
[PB83-101659] p 430 N83-25686  
**Informatics General Corp., Palo Alto, Calif.**  
Improved method for transonic airfoil design-by-optimization  
[NASA-CR-166497] p 583 N83-31578  
**Information and Control Systems, Inc., Hampton, Va.**  
Design, implementation and flight testing of PIF autopilots for general aviation aircraft  
[NASA-CR-3709] p 547 N83-29270  
**Ingersoll-Rand Co., Phillipsburg, N. J.**  
Instabilities of geared couplings Theory and practice  
p 187 N83-15634  
**Institut de Genie Logiciel, Paris (France)**  
The quality of avionics software Specification and evaluation  
p 335 N83-22142

**Institut de Mecanique des Fluides de Toulouse (France)**  
Prediction and experimental verification of the velocity fields of a rotor during hovering  
p 193 N83-17477  
**Institut de Mecanique des Fluides de Lille (France)**  
Materials and modelling technology for cryogenic environment  
p 465 N83-25723  
Aspects of correlation in the identification of dynamic effects from complimentary techniques Evolution at high angles  
p 628 N83-30375  
**Institute for Perception RVO-TNO, Soesterberg (Netherlands)**  
Operational lighting at the Air Traffic Control Center (MIATCC) at New-Milligen  
[IZF-1982-28] p 698 N83-33035  
**Institute of Aviation Medicine, Farnborough (England)**  
Recent improvements in crash restraint in UK helicopters  
p 250 N83-19443  
**Institute of Gas Technology, Chicago, Ill.**  
Coal gasification for stationary gas-turbine applications  
[DE82-902135] p 226 N83-16553  
**Instituto de Pesquisas Espaciais, Sao Jose dos Campos (Brazil)**  
Supersonic nozzle design for a low density wind tunnel  
[INPE-2753-PRE/329] p 631 N83-30437  
**Integrated Systems, Inc., Palo Alto, Calif.**  
Algorithms for real-time flutter identification  
[AIAA PAPER 83-2223] p 640 A83-41703  
Flight test trajectory control analysis  
[NASA-CR-170395] p 288 N83-18744  
**Intermountain Forest and Range Experiment Station, Ogden, Utah**  
Static testing to evaluate air tanker delivery performance  
[PB82-179946] p 194 N83-12079  
Measurements of air tanker drop conditions during firefighting operations  
[PB83-157883] p 529 N83-29203  
**Internacional de Engenharia, Sao Paulo (Brazil)**  
Recommendations for the acoustic treatment of Cumbica International Airport  
[IESA-144-83] p 309 N83-19578  
**Iowa Inst. of Hydraulic Research, Iowa City**  
Measurements in the wake of an infinite swept airfoil  
[NASA-CR-169464] p 13 N83-11086  
**Israel Aircraft Industries Ltd., Tel-Aviv**  
Two and three dimensional systems for computer aided geometric design of aircraft surface and components  
[PB83-187344] p 698 N83-33001  
**ITT Electro-Optical Products Div., Roanoke, Va.**  
A study of wavelength division multiplexing for avionics applications  
[AD-A125749] p 530 N83-27990

## J

**Japan Society for Aeronautical and Space Sciences, Tokyo**  
Transactions of the Japan Society for Aeronautical and Space Sciences, Vol 25, No 68  
[ISSN-0549 3811] p 766 N83-36396  
**Jet Propulsion Lab., California Inst of Tech., Pasadena**  
Free stream noise and transition measurements in a Mach 3.5 pilot quiet tunnel  
[AIAA PAPER 83-0042] p 171 A83-16482  
Application of digital image analysis techniques to antimitting fuel spray characterization  
[ASME PAPER 82-WA/HT-23] p 295 A83-25690  
Sun-powered aircraft designs  
p 386 A83-32577  
Entrainment and mixing in thrust augmenting ejectors  
[AIAA PAPER 83-0172] p 419 A83-36046  
Rheological behavior of FM-9 solutions and correlation with flammability test results and interpretations  
p 691 A83-44856  
CAT altitude avoidance system  
[NASA-CASE-NPO-15351-1] p 38 N83-10040  
Application of thermochemical modeling to aircraft interior polymeric materials  
[NASA-CR-169384] p 211 N83-12237  
Antimitting kerosene atomization and flammability  
[NASA-CR-169385] p 211 N83-12246  
Frictional characteristics and heat transfer of antimitting fuels in tubes  
[NASA-CR 169388] p 211 N83-12248  
Influence of liquid water and water vapor on antimitting kerosene (AMK)  
[NASA-CR-170280] p 404 N83-24711  
**Joint Inst for Advancement of Flight Sciences, Hampton, Va.**  
Application of matrix singular value properties for evaluating gain and phase margins of multiloop systems  
p 72 A83-12457



- Three-dimensional Euler solutions for long-duct nacelles  
[AIAA PAPER 83-0089] p 138 A83-17905
- Airplane model structure determination from flight data  
p 340 A83-29023
- The aerodynamics of propellers and rotors using an acoustic formulation in the time domain  
[AIAA PAPER 83-1821] p 498 A83-38653
- Determination of aerodynamic parameters of a fighter airplane from flight data at high angles of attack  
[AIAA PAPER 83-2066] p 623 A83-41904
- An application of parameter identification to the oscillatory motion of an airplane at high C(L)  
[AIAA PAPER 83-2067] p 623 A83-41905
- Joint Inst. for Advancement of Flight Sciences, Washington, D C**
- Lifting surface theory for a helicopter rotor in forward flight  
[NASA-CR-169997] p 246 N83-19709
- Joint Publications Research Service, Arlington, Va.**
- USSR report. Transportation, no 98  
[JPRS-82053] p 176 N83-13060
- Flight personnel comment on experience flying new Yak-42  
p 194 N83-13061
- Minister reviews plans for raising efficiency of civil aviation  
p 176 N83-13062
- Conserving aviation fuel by shifting center-of-gravity position  
p 194 N83-13063
- Aviation repair association chief interviewed  
p 176 N83-13064
- ATR 42 will have ultramodern, innovative cockpit, avionics  
p 208 N83-17759
- Use of geochemical investigative methods for preliminary hygienic assessment of effect of airports on environment  
p 349 N83-22972
- Unified theory of motion of inner planets  
p 655 N83-30457
- Joint Speech Research Unit, Ruislip (England).**
- A survey of equipment and research  
p 701 N83-34185

## K

- Kaiserslautern Univ (West Germany)**
- Influence of parameter changes to stability behavior of rotors  
p 187 N83-15848
- Kaman Aerospace Corp., Windsor, Conn.**
- Rotor dynamic simulation and system identification methods for application to vacuum whirl data  
[NASA-CR-159356] p 32 N83-11117
- Kaman Avidyne, Burlington, Mass.**
- NOVA-2S correlation with KC-135A fuselage shock tube test results  
[AD-A124013] p 466 N83-25732
- Kansas Univ, Lawrence**
- A fast microprocessor communication network design for interprocessor communications for an integrated flight control system  
p 24 A83-11902
- Data acquisition/reduction system for flight testing general aviation aircraft  
p 37 A83-11903
- Implementation of the DAST ARW II control laws using an 8086 microprocessor and an 8087 floating-point coprocessor  
p 71 A83-11910
- A microcomputer-based system for noise characteristics analysis  
p 72 A83-11915
- Design for prevention of acoustic fatigue  
[AIAA 83-0973] p 329 A83-29782
- Literature search of publications concerning the prediction of dynamic inlet flow distortion and related topics  
[NASA-CR-3673] p 282 N83-18729
- Restructurable controls problem definition and future research  
p 688 N83-33899
- Kansas Univ Center for Research, Inc., Lawrence.**
- Study of the damping characteristics of general aviation aircraft panels and development of computer programs to calculate the effectiveness of interior noise control treatment, part 1  
[NASA-CR-169534] p 190 N83-15043
- Ride quality systems for commuter aircraft  
[NASA-CR-166118] p 397 N83-24512
- Calculation of wing response to gusts and blast waves with vortex lift effect  
[NASA-CR-170340] p 408 N83-24796
- Analysis of nonplanar wing-up-mounted lifting surfaces on low-speed airplanes  
[NASA-CR-3684] p 424 N83-25667
- Helicopter-borne scatterometer  
[AD-A125796] p 562 N83-29561
- A method of predicting flow rates required to achieve anti-icing performance with a porous leading edge ice protection system  
[NASA-CR-168213] p 668 N83-32782

- Kappa Systems, Inc., Arlington, Va.**
- Safety benefits analysis of general aviation cockpit standardization  
[FAA-CT-82-143] p 140 N83-15272
- Karlsruhe Univ (West Germany).**
- Aerodynamic compliant bearings for small turbo-engines  
p 185 N83-15537
- Kentron International, Inc., Hampton, Va.**
- Analysis and flight data for a drone aircraft with active flutter suppression  
p 29 A83-10192
- Design of the flutter suppression system for DAST ARW-1R A status report  
[AIAA 83-0990] p 330 A83-29868
- Flight investigation of natural laminar flow on the Bellanca Skyrocket II  
[SAE PAPER 830717] p 599 A83-43326
- Exploratory low-speed wind-tunnel investigation of advanced commuter configurations including an over-the-wing propeller design  
[AIAA PAPER 83-2531] p 732 A83-49590
- Wind-tunnel investigation of effects of wing-leading-edge modifications on the high angle-of-attack characteristics of a T-tail low-wing general-aviation aircraft  
[NASA-CR-3638] p 179 N83-12049
- Extraction of model performance from wall data in a 2-dimensional transonic flexible walled test section  
[NASA-CR-165994] p 207 N83-12102
- Effect of advanced technology and a fuel efficient engine on a subsonic-cruise executive jet with a small cabin  
[NASA-CR-172190] p 679 N83-33876
- Pan Air Geometry Management System (PAGMS) A data-base management system for PAN AIR geometry data  
[NASA-CR-16581] p 771 N83-35943
- Kentron Technical Center, Hampton, Va.**
- Structural optimization by multilevel decomposition  
[AIAA 83-0832] p 355 A83-29741
- An analytical comparison of two wing structures for Mach 5 cruise airplanes  
[AIAA 83-0974] p 329 A83-29806
- Tradeoff studies in multiobjective insensitive design of airplane control systems  
[AIAA PAPER 83-2273] p 622 A83-41739
- Comparison of forward flight effects theory of A Michalke and U Michel with measured data  
[NASA-CR-3665] p 238 N83-17239
- Application of variable-sweep wings to commuter aircraft  
[NASA-CR-166067] p 265 N83-18713
- Keramische Betriebe G m b H, Roedental (West Germany).**
- Development of high strength silicon carbide materials for gas turbine applications, phase 2  
[BMFT-FB-T-82-140] p 164 N83-14133
- KHD Luftfahrttechnik G m b H, Oberursel (West Germany)**
- Experience with the KHD APU T312 for a modern fighter type  
p 541 N83-29251
- Kilkeary, Scott and Associates, Inc., Annapolis, Md**
- A state-of-the-art survey of the development of taxiway guidance and control systems  
[AD-A117520] p 58 N83-11150
- King Radio Corp., Olathe, Kans.**
- Demonstration Advanced Avionics System (DAAS) function description  
[NASA-CR-166282] p 26 N83-10027
- Demonstration Advanced Avionics System (DAAS)  
[NASA-CR-166281] p 334 N83-20941
- Demonstration Advanced Avionics System (DAAS) Phase 1 report  
[NASA-CR-170317] p 391 N83-24504
- KLM Royal Dutch Airlines, Amsterdam (Netherlands).**
- The airline facing the present crisis  
p 320 N83-22180
- Kohlman Aviation Corp., Lawrence, Kans.**
- Performance improvements of single-engine business airplanes by the integration of advanced technologies  
[DGLR PAPER 82-064] p 262 A83-24178
- Calculation of lateral-directional stability derivatives of wings by a nonplanar quasi-vortex-lattice method  
[NASA-CR-165659] p 581 N83-30387
- Kuhn (Richard E.), Newport News, Va.**
- On the prediction of the lateral/directional characteristics of distributed jet STOL configurations  
[AD-A128902] p 688 N83-33905

## L

- Laboratoire de Medecine Aerospatiale, Bretigny-sur-Orge (France).**
- Evaluation of the efficiency of helicopter antcrash seats using a horizontal acceleration bench and a simulated crash  
p 250 N83-19444

- Lancaster Analytics, North Canton, Ohio**
- Naval Airship Program for Sizing and Performance (NAPSAP), computer program development Program update number 2  
[AD-A120830] p 191 N83-16293
- Lassen Research, Manton, Calif**
- NASA airborne Doppler lidar program Data characteristics of 1981  
[NASA-CR-170667] p 220 N83-13706
- Lea (N D) and Associates, Inc., Washington, D.C.**
- Assessment of Houston Airport WEDway Automated Transit System  
[PB83-210443] p 754 N83-36042
- Lehigh Univ., Bethlehem, Pa.**
- Analysis of an axial compressor blade vibration based on wave reflection theory  
[ASME PAPER 83-GT-151] p 741 A83-47970
- Critical review of the trailing edge condition in steady and unsteady flow Blade flutter in compressors and fans Numerical simulation of the aerodynamic loading  
[NASA-CR-169705] p 137 N83-15264
- Library of Congress, Washington, D C**
- Who knows? Selected information resources on aeronautics and astronautics  
[SL-82-32] p 573 N83-29123
- LC Science Tracer Bullet. Jet engines and jet aircraft  
[TB-82-5] p 537 N83-29207
- Lightning and Transients Research Inst., St Paul, Minn**
- Measurements and theoretical analysis of a full scale NEMP  
p 588 N83-31222
- Lightning Technologies, Inc., Pittsfield, Mass**
- Lightning attachment patterns and flight conditions for storm hazards, 1980  
[NASA-TP-2087] p 139 N83-14077
- Aircraft lightning-induced voltage test technique developments  
[NASA-CR-170403] p 442 N83-26829
- Recent lightning induced voltage test technique investigations  
p 646 N83-31194
- Limbach-Motorenbau, Koenigswinter (West Germany)**
- Vibration-free internal combustion engine for general aviation  
[BMFT-FB-W-82-016] p 213 N83 16347
- Lincoln Lab., Mass. Inst. of Tech., Lexington**
- Application of advanced signal processing techniques to angle of arrival estimation in ATC navigation and surveillance systems  
[AD-A118306] p 28 N83-11108
- Traffic alert and Collision Avoidance System (TCAS 1) design guidelines  
[ATC-114] p 187 N83-12066
- TCAS 1 design guidelines  
[ATC-114] p 187 N83-12067
- The AMPS computer system Design and operation  
[ATC-110] p 220 N83-12867
- Mode S beacon system Functional description  
[ATC-42-REV-B] p 188 N83-13086
- Generation of the mode select sensor network coverage map  
[ATC-98A] p 188 N83 13088
- An improved technique for altitude tracking of aircraft  
[AD-A118899] p 188 N83-13090
- Comparison of TCAS 1 passive and active transponder detectors  
p 145 N83-14084
- Surveillance techniques for minimum TCAS 2  
p 145 N83-14086
- Validation of minimum TCAS 2 surveillance performance  
p 145 N83-14087
- Utility of traffic advisory information  
p 146 N83-14093
- Traffic alert and collision avoidance system (TCAS) A functional overview of minimum TCAS 2  
[ATC-119] p 674 N83-32784
- Mode S beacon system Functional description  
[ATC-42-REV-C] p 698 N83-33016
- Liton Technische Werke, Freiburg (West Germany).**
- Software verification of a civil avionics AHR system  
p 364 N83-22138
- Lockheed-California Co., Burbank.**
- Demonstration of reparability and repair quality on graphite/epoxy structural subelements  
p 186 A83-20485
- Zero-length inlets for subsonic V/STOL aircraft  
p 312 A83-29012
- Static and damage tolerance tests of an advanced composite vertical fin for L-1011 aircraft  
[AIAA 83-0970] p 328 A83-29780
- Effects of nacelle position and shape on performance of subsonic cruise aircraft  
[AIAA PAPER 83-1124] p 519 A83-38079
- Design and true Reynolds number 2-D testing of an advanced technology airfoil  
[AIAA PAPER 83-1792] p 496 A83-38632



An advanced control system for a next generation transport aircraft  
[AIAA PAPER 83-2194] p 620 A83-41679  
Interior noise considerations for advanced high-speed turboprop aircraft p 675 A83-43970  
Integrated flight/propulsion control system architectures for a high speed aircraft  
[AIAA PAPER 83-2563] p 746 A83-49595  
Assessment of crash fire hazard of LH sub 2 fueled aircraft  
[NASA-CR-165525] p 16 N83-11095  
Advanced flight control system study  
[NASA-CR-163117] p 205 N83-13113  
Repair techniques for graphite/epoxy structures for commercial transport applications  
[NASA-CR-159056] p 225 N83-16397  
Development of powder metallurgy Al alloys for high temperature aircraft structural applications, phase 2  
[NASA-CR 165965] p 296 N83-18894  
Analytical modeling of transport aircraft crash scenarios to obtain floor pulses  
[NASA-CR-166089] p 381 N83-24488  
Advanced manufacturing development of a composite empennage component for L-1011 aircraft Phase 2 Design and analysis  
[NASA-CR-165634] p 605 N83-30404  
Advanced composite aileron for L-1011 transport aircraft Ground tests and flight evaluation  
[NASA-CR 165664] p 606 N83-30405  
Advanced composite aileron for L-1011 transport aircraft Design and analysis  
[NASA-CR-165635] p 606 N83-30406  
Sonic fatigue testing of the NASA L-1011 composite aileron p 607 N83-30796

**Lockheed Corp., Burbank, Calif**  
X wing noise data acquisition program  
[NASA-CR-166454] p 266 N83-18717  
Advanced manufacturing development of a composite empennage component for L-1011 aircraft  
[NASA-CR-172658] p 440 N83-25692  
Advanced manufacturing development of a composite empennage component for L 1011 aircraft  
[NASA-CR-172659] p 440 N83-25693  
Advanced manufacturing development of a composite empennage component for L-1011 aircraft  
[NASA-CR-172657] p 440 N83-25694

**Lockheed Engineering and Management Services Co., Inc., Houston, Tex**  
Green's function solution and applications for cracks emanating from a circular hole in an infinite sheet p 764 A83-49599

**Lockheed-Georgia Co., Marietta**  
Generation of desired signals from acoustic drivers p 199 A83-15068  
Flutter analysis of a transport wing using XTRAN3S  
[AIAA 83-0922] p 357 A83-29848  
Advanced turboprop cargo aircraft systems study p 386 A83-32582  
Aerodynamic design of propfan powered transports  
[AIAA PAPER 83-1213] p 437 A83-36285  
Inlet design for high speed propfans  
[SAE PAPER 821359] p 495 A83-37957  
Computational aerodynamic design methodology  
[AIAA PAPER 83-1865] p 501 A83-38692  
A grid overlapping scheme for flowfield computations about multicomponent configurations p 581 A83-43443  
Tone-excited jet Theory and experiments  
[NASA-CR-3538] p 222 N83-12968  
Roughness considerations for transport aircraft p 158 N83-15300  
Digital flight control system validation technology assessment  
[NASA-CR-166374] p 170 N83-15315  
Program for establishing long-time flight service performance of composite materials in the center wing structure of C-130 aircraft Phase 5 Flight service and inspection  
[NASA-CR-165770] p 227 N83-17600  
LANN wing design p 291 N83-18755  
Metallic alloy stability studies p 292 N83-18760  
Simulator investigation plan for digital flight controls validation technology  
[NASA-CR-166427] p 345 N83-22214  
Integrated assurance assessment of a reconfigurable digital flight control system  
[NASA-CR-170281] p 397 N83-24515  
Experimental studies of the separating confluent boundary-layer Volume 1 Summary  
[NASA-CR-3655] p 427 N83-26822  
New considerations on scale extrapolation of wing pressure distributions affected by transonic shock-induced separations  
[NASA-CR-166426] p 608 N83-31597

Combined direct/inverse three-dimensional transonic wing design  
[AD-A129573] p 718 N83-36006

**Lockheed Missiles and Space Co., Palo Alto, Calif**  
Noise and flow structure of a tone-excited jet p 221 A83-13136  
Numerical generation of composite three dimensional grids by quasilinear elliptic systems p 569 A83-38804

**Lockheed Missiles and Space Co., Sunnyvale, Calif**  
Modification of flight vehicle vibration modes to account for design changes p 607 N83-30790

**Logistics Management Inst., Washington, D C**  
Improving energy efficiency of major weapon systems  
[AD-A119563] p 155 N83-14116  
AH4 automatic test equipment requirements  
[AD-A122879] p 401 N83-23330

**Los Alamos Scientific Lab., N Mex**  
Design of the CTX diagnostics screen room  
[DE82-002320] p 176 N83-15321  
Differential-absorption LIDAR technology for light twin-engine aircraft operation  
[DE83-003888] p 410 N83-25232  
Flight systems safety program  
[DE82-021833] p 413 N83-25529  
Flight systems safety program  
[DE83-001916] p 653 N83-32575

**Lowell Univ., Mass**  
Measuring the antenna pattern of the HF heater antenna in Puerto Rico  
[AD-A119963] p 186 N83-15558

**LTV Aerospace Corp., Hampton, Va**  
Explosively activated egress area  
[NASA-CASE-LAR 12624-1] p 713 N83-35992

**Lufthansa German Airlines, Cologne (West Germany)**  
Slidestop indication system p 210 N83-17466

## M

**Magnavox Government and Industrial Electronics Co., Mahwah, N J**  
Cable avoidance study  
[AD A122917] p 380 N83-23284

**Magrath (Howard A.), Dayton, Ohio**  
Technical evaluation Report The Specialists Meeting on Dynamic Environmental Qualification Techniques  
[AD A121979] p 31 N83-10039

**Maine Univ., Orono**  
Fatigue behavior of adhesively bonded joints  
[NASA-CR-174458] p 766 N83-36509

**Man-Acoustics and Noise, Inc., Seattle, Wash**  
A study of noise metric and tone correction accuracy  
[NASA-CR-165910] p 304 N83-20445

**Management Consulting and Research, Inc., Falls Church, Va**  
Summary of analysis of sources of forecasting errors in BP 1500 requirements estimating process and description of compensating methodology  
[AD A128548] p 577 N83-31574  
POM (Program Objective Memorandum) FY-85 BP 1500 cost growth and leadtime adjustments Research results  
[AD A128522] p 654 N83-32667

**Marconi Avionics Ltd., Basildon (England)**  
The status of LLTV for avionic applications p 735 N83-34892

**Marconi Avionics Ltd., Boreham Wood (England)**  
Light emitting diodes p 611 N83-30419

**Marconi Avionics Ltd., Rochester (England)**  
Ground and flight testing on the fly-by-wire Jaguar equipped with a full time quadruplex digital integrated flight control system p 343 N83-22111  
Dissimilar software in high integrity applications in flight controls p 343 N83-22143  
The management of a large real-time military avionics project p 335 N83-22144

**Maryland Univ., College Park**  
Dynamic analysis of constant-lift and free-tip rotors p 181 A83-18386

**Mason and Hanger-Silas Mason Co., Inc., Amarillo, Tex**  
Velocity perturbation of a flyer approaching a rigid impermeable barrier and the transmitted pressure pulse  
[DE83-007770] p 632 N83-30443

**Massachusetts Inst of Tech., Cambridge**  
A one-dimensional unsteady model of dual mode scramjet operation  
[AIAA PAPER 83-0422] p 161 A83-16705  
An optimal control approach to the design of moving flight simulators p 218 A83-19949  
A comparison of model helicopter rotor Primary and Secondary blade/vortex interaction blade slap  
[AIAA PAPER 83-0723] p 307 A83-25934  
Flutter and forced response of mistuned rotors using standing wave analysis  
[AIAA 83-0845] p 357 A83-29823  
Aerodynamic theory for wing with side edge passing subsonically through a gust p 375 A83-32977

The future of the U.S. aviation system  
[AIAA PAPER 83-1594] p 379 A83-33360  
Energetics and optimum motion of oscillating lifting surfaces  
[AIAA PAPER 83-1710] p 492 A83-37204  
Development of closed loop roll control for magnetic balance systems  
[NASA-CR-166017] p 208 N83-13122  
The US aviation system to the year 2000  
[NASA-CR-166010] p 140 N83-15273  
Simplified aeroelastic modeling of horizontal axis wind turbines  
[NASA-CR-168109] p 361 N83-21509  
Some experiments on Yaw stability of wind turbines with various coning angles  
[NASA-CR-168108] p 362 N83-22740  
Development of methodology for horizontal axis wind turbine dynamic analysis  
[NASA-CR-168110] p 362 N83-22747  
Cockpit environment  
Applications p 611 N83-30426  
Design technology of advanced composites  
[AD A127892] p 638 N83-31735  
Current problems in turbomachinery fluid dynamics  
[AD-A126478] p 747 N83-34949

**Materials Research Labs., Ascot Vale (Australia)**  
Electrical resistance testing of antistatic bench and floor surface material after laying  
[AD-A125423] p 548 N83-28007

**Max-Planck-Institut fuer Radioastronomie, Bonn (West Germany)**  
Infrared observations from the NASA Airborne Observatories p 573 A83-40454

**McDonnell Aircraft Co., St Louis, Mo**  
Status review of a supersonically-biased fighter wing-design study  
[AIAA PAPER 83-1857] p 521 A83-38684  
Equivalent systems criteria for handling qualities of military aircraft p 49 N83-10057  
Pictorial formats Volume 3 Literature review  
[AD-A119223] p 155 N83-14114  
Pictorial formats Volume 1 Format development  
[AD-A119222] p 155 N83-14115  
Equivalent system verification and evaluation of augmentation effects on fighter approach and landing flying qualities Volume 2 Program plan, test data and analysis  
[AD-A119704] p 155 N83-14117  
F/A-18 software development A case study p 364 N83-22145

The YAV-8B simulation and modeling Volume 1  
Aircraft description and program summary  
[NASA-CR-170397] p 333 N83-22193  
The YAV-8B simulation and modeling Volume 2  
Program listing  
[NASA-CR-170397] p 333 N83-22194  
Subsonic panel method for designing wing surfaces from pressure distribution  
[NASA-CR 3713] p 528 N83-29198  
V/STOL fountain force coefficient  
[AD-A126261] p 528 N83-29200  
Variable acuity remote viewing system flight demonstration  
[NASA-CR 170404] p 531 N83-29204  
A realistic approach to aircraft lightning protection p 586 N83-31190

Updating the MCAIR lightning simulation laboratory p 632 N83-31223  
Design and analysis of composite structures with stress concentrations p 693 N83-33960  
Lightning tests on the WC-130 research aircraft  
[AD-A129141] p 722 N83-36014

**McDonnell-Douglas Astronautics Co., St. Louis, Mo**  
Airborne Flight Test System (AFTS)  
[AD-A115100] p 66 N83-10330

**McDonnell-Douglas Automation Co., St. Louis, Mo**  
Investigation of limit cycle response of aerodynamic surfaces with structural nonlinearities  
[AD-A127140] p 584 N83-31580

**McDonnell-Douglas Corp., Long Beach, Calif.**  
A combined hazard index fire test methodology for aircraft cabin materials, volume 1  
[AD-A117448] p 15 N83-10025  
A combined hazard index fire test methodology for aircraft cabin materials, volume 2  
[AD-A117449] p 15 N83-10026  
Adhesive layer thickness and porosity criteria for bonded joints  
[AD-A129817] p 759 N83-36227

**McDonnell-Douglas Corp., St. Louis, Mo**  
Porous-plug flowfield mechanisms for reducing supersonic jet noise  
[AIAA PAPER 83-0774] p 281 A83-25959  
Aircraft aerodynamic prediction method for V/STOL transition including flow separation  
[NASA-CR-166467] p 426 N83-26818

- McDonnell-Douglas Research Labs., St. Louis, Mo**  
 Algorithm for Surface of Translation Attached Radiators (A-STAR) Volume 1 Formulation of the analysis [AD-A118459] p 217 N83-12318  
 Viscous flowfields induced by three-dimensional lift jets in ground effect [AD-A121026] p 301 N83-19062  
 Higher-order computational methods for transonic wing/body flowfields [AD-A124079] p 426 N83-25679
- Mechanical Technology, Inc., Latham, N. Y.**  
 Power turbine dynamics - An evaluation of a shear-mounted elastomeric damper [ASME PAPER 83-GT-228] p 763 A83-48025  
 T55 power turbine rotor multiplane-multispeed balancing study [NASA-CR-167891] p 686 N83-33894
- Messerschmitt-Boelkow-Blohm G m b H., Hamburg (West Germany)**  
 Aircraft with reduced longitudinal stability [BMFT-FB-W-82-004] p 53 N83-11145  
 Civil component program integrated-propulsion system (IFAS) [BMFT-FB-W-82-017] p 195 N83-13094  
 Service operation of a CFRP window frame in short fiber pressing [BMFT-FB-W-82-021] p 233 N83-17749
- Messerschmitt-Boelkow-Blohm G m b H., Munich (West Germany)**  
 Gain and phase margin as a basis of longitudinal flying qualities evaluation p 49 N83-10059  
 Stability and control for high angle of attack maneuvering p 50 N83-10069  
 Evaluation of the pilot papers from the Spring 1981 SMP Meeting p 175 N83-15288  
 Influence of mathematic modelling of undercarriages on the prediction of aircraft loads due to damaged and repaired runways p 157 N83-15292  
 An evaluation of vacuum centrifuged titanium castings for helicopter components p 178 N83-15439  
 Calculation of 3D unsteady transonic flow around rotor blades p 193 N83-17474  
 Studies on blade-to-blade and rotor-fuselage-tail interferences p 193 N83-17479  
 Reynolds number effects on transonic shock location p 347 N83-20961  
 Flight test experience with a digital integrated guidance and control system in a CCV fighter aircraft p 343 N83-22110  
 Software development Design and reality p 363 N83-22114  
 On aircraft test software for first line maintenance p 364 N83-22152  
 Parameter and design studies for the use of wind tunnel models in the ETW [MBB/FE123/S/PUB/83] p 402 N83-24518  
 A look at engine handling aspects from aircraft flight test experience, with an outlook for future requirements p 540 N83-29245  
 Ground and flight test techniques used for proof of structural integrity of the Tornado combat aircraft p 605 N83-30377
- Messerschmitt-Boelkow-Blohm G m b H., Ottobrunn (West Germany)**  
 Calculation of three dimensional unsteady transonic flow around rotor blades [MBB-UD-353] p 10 N83-10021  
 Design simplification and cost reduction of helicopter tail rotor drive system by use of composites [MBB-UD-348] p 31 N83-10037  
 Survey of active and passive means to reduce rotorcraft vibrations [MBB-UD-350] p 206 N83-16335  
 Transonic effects on helicopter rotor blades [MBB-349-81-O-E] p 195 N83-17520  
 Studies on blade-to-blade and rotor-fuselage-tail interferences [MBB-351-82-O-E] p 195 N83-17521  
 Force initiations in helicopter rotor blades, wind channel fans and wind turbines [MBB-UD-356-82-O] p 196 N83-17522  
 The use of helicopters in Europe Analysis and prospects [MBB-UD-359-82-O] p 207 N83-17533  
 Development and flight test of an active flutter suppression system for the F-4F with stores Part 1 Design of the active flutter suppression system [AD-A121485] p 288 N83-18746  
 Development of a passive rotor isolation system for helicopters [BMFT-FB-W-82-026] p 389 N83-23296  
 Basic investigations for the use of wind tunnel models in the ETW [BMFT-FB-W-82-023] p 402 N83-24522

- Messerschmitt-Boelkow G m b H., Munich (West Germany)**  
 Design and manufacture of a transonic wind tunnel model and the investigation of model components under cryogenic flow conditions in the European transonic wind tunnel [BMFT-FB-W-82-015] p 181 N83-13078  
 Flutter investigations in the transonic flow regime for a fighter type aircraft p 345 N83-22217
- Meteorology Research, Inc., Altadena, Calif**  
 Experimental comparison of icing cloud instruments [AIAA PAPER 83-0026] p 585 A83-42099  
 Comparison of modern icing cloud instruments [NASA-CR-168008] p 270 N83-18720
- Michigan State Univ., East Lansing**  
 Influence of a large free stream disturbance level on dynamics of a jet in a cross flow p 562 N83-29217
- Michigan Univ., Ann Arbor**  
 Computer tomography of flows external to test models [NASA-CR 169521] p 221 N83-13835  
 Ignition and combustion Low compression ratio, high output diesel [NASA-CR-169742] p 166 N83-15309  
 Lightweight aircraft engines, the potential and problems for use of automotive fuels p 352 N83-24406  
 Effect of volatility on air fuel ratio distribution and torque output of a carbureted light aircraft piston engine [FAA-CT-82-117] p 393 N83-23308  
 Models and techniques for evaluating the effectiveness of aircraft computing systems [NASA-CR 170229] p 411 N83-24184  
 Estimating regression coefficients from clustered samples Sampling errors and optimum sample allocation [NASA-CR-166117] p 412 N83-25496  
 Vortex motion in axisymmetric piston-cylinder configurations [NASA-TM-85404] p 765 N83-35318  
 Flow problems in turbomachines [AD-A128675] p 749 N83-36032
- Middlesex Research Center, Inc., Washington, D C**  
 Effects of metric change on safety in the workplace for selected occupations [AD-A118595] p 216 N83-12279
- Midwest Research Inst., Golden, Colo**  
 Windmill wake turbulence decay A preliminary theoretical model [DE83-008162] p 583 N83-30395  
 Improved combustion turbine efficiency with reformed-alcohol fuels [DE83-005713] p 699 N83-33169
- Midwest Research Inst., Kansas City, Mo**  
 Evaluation of methods for rapid determination of freezing point of aviation fuels [NASA-CR-167981] p 60 N83-10207
- Milco International, Inc., Huntington Beach, Calif**  
 Digital Instrumentation Analysis and Navigation System (DIANS) for system identification [AIAA PAPER 83-2091] p 609 A83-41922
- Ministry of Defence, London (England)**  
 The military user view of software support throughout the in-service life of avionic systems p 335 N83-22149
- Ministry of Defence, Harefield (England)**  
 An assessment of the importance of small crack growth to aircraft design p 680 N83-34098
- Minnesota Univ., Austin**  
 Introduction to film cooling, three dimensional film cooling, curvature effects and film cooling p 301 N83-18731
- Minnesota Univ., Minneapolis**  
 Active flutter suppression using eigenspace and linear quadratic design techniques [AIAA PAPER 82-2222] p 621 A83-41702  
 Curvature effects on the heat transfer performance of three-dimensional film cooling of gas turbine blades [AD-A119729] p 164 N83-14131  
 Coherent structure and jet noise p 190 N83-14513  
 Eigenspace techniques for active flutter suppression [NASA-CR-169858] p 217 N83-17556  
 Design of plywood and paper flywheel rotors [DE83-002276] p 304 N83-20430
- Mississippi State Univ., Mississippi State**  
 Theoretical investigations of high lift aerodynamics [NASA-CR-169926] p 244 N83-18663
- Missouri Univ., Rolla**  
 Aerodynamic investigation of closely coupled lifting surfaces with positive and negative stagger for general aviation applications [AIAA PAPER 83-0057] p 129 A83-16489  
 Aerodynamic optimization comparison, and trim design of canard and conventional high performance general aviation configurations [AIAA PAPER 83-0058] p 148 A83-16490

- Noise transmission characteristics of advanced composite structural materials [AIAA PAPER 83-0694] p 306 A83-25915
- Mitre Corp., Bedford, Mass.**  
 Aircraft traffic in the Los Angeles basin as related to TCAS requirements p 145 N83-14085  
 Minimum TCAS 2 threat detection and resolution logic status p 145 N83-14089
- Mitre Corp., McLean, Va.**  
 Estimation of aircraft fuel consumption p 29 A83-10186  
 Conflict monitoring analysis of parallel opposite direction routes, volume 1 [AD-A120080] p 148 N83-15279  
 Conflict monitoring analysis of parallel opposite direction routes, volume 2 [AD-A120187] p 202 N83-16323  
 FAA integrated noise model validation Analysis of air carrier flyovers at Seattle-Tacoma Airport [AD-A124097] p 479 N83-26320  
 Software description for the O'Hare runway configuration management system Volume 1 Technical description [AD-A127398] p 631 N83-30442  
 Software description for the O'Hare runway configuration management system Volume 2 Low-level pseudocode [AD-A127828] p 594 N83-31592  
 Potential fuel savings of specific ATC system improvements [AD-A126449] p 669 N83-33861
- Mitsubishi Heavy-Industries Ltd., Nagoya (Japan)**  
 Development of high loading, high efficiency axial flow turbine p 749 N83-36399
- Motoren- und Turbinen-Union Muenchen G m b H (West Germany)**  
 The oil/air system of a modern fighter aircraft engine p 187 N83-15511  
 Turbine blade cooling in aeroengines p 282 N83-18739  
 Advanced compressor components for aero engines Phase 2 (1980-1981) [BMFT-FB-W-82-022] p 394 N83-23311  
 Some general topics in the field of engine handling p 540 N83-29242  
 Turbine tip clearance control in gas turbine engines p 541 N83-29254
- Muenchener Rueckversicherungsgesellschaft, Munich (West Germany)**  
 Ultra sound and insurance p 412 N83-24286
- Myers (Raymond H.), Blacksburg, Va**  
 A study of the feasibility of statistical analysis of airport performance simulation [NASA-CR-3633] p 221 N83-12959

## N

- National Academy of Sciences - National Research Council, Washington, D C**  
 The impact of CFD on development test facilities - A National Research Council projection [AIAA PAPER 83-1764] p 555 A83-37234  
 NASA wake interactions research and applications [SAE PAPER 830764] p 580 A83-43329  
 Aviation turbine fuels An assessment of alternatives [NASA-CR-169395] p 60 N83-10214  
 Aeronautics research and technology A review of proposed reductions in the FY 1983 NASA program [NASA-CR-169386] p 224 N83-13024  
 Three-Dimensional Displays Perceptual Research and Applications to Military Systems [AD-A122577] p 309 N83-20692  
 Influence of computational fluid dynamics on experimental aerospace facilities A fifteen year projection [NASA-CR-172859] p 691 N83-33911
- National Aeronautical Establishment, Ottawa (Ontario)**  
 Subsonic roll oscillation experiments on the Standard Dynamics Model [AIAA PAPER 83-2134] p 626 A83-41956  
 Flight experiments with integrated isometric side-arm controllers in a variable stability helicopter p 50 N83-10068  
 Practical applications of fracture mechanics in aircraft and aerospace structural problems [AD-A118321] p 68 N83-11520  
 Wall boundary-layer effects in transonic wind tunnels p 348 N83-20964  
 Subsonic wall interference corrections for finite-length test sections using boundary pressure measurements p 348 N83-20967  
 A Canadian approach to flutter clearance for external stores p 345 N83-22216  
 A survey of serious aircraft accidents involving fatigue fracture Volume 1 Fixed-wing aircraft [NAE-AN-7] p 510 N83-29187

A survey of serious aircraft accidents involving fatigue fracture Volume 2 Rotary-wing aircraft [NAE-AN-8] p 510 N83-29188

Development of the MICROSAS longitudinal flight control system for the augmentor wing aircraft [ADA-128331] p 629 N83-31608

An SEM analysis of bearing failure due to electrical arcing [AD-A127827] p 648 N83-32071

**National Aeronautics and Space Administration, Washington, D. C.**

1983 LTA technology assessment [AIAA PAPER 83-1617] p 437 N83-36406

A study of dingbills for use in the Peruvian Selva Central region [AIAA PAPER 83-1970] p 508 N83-38902

Optical data processing for aerospace applications p 768 N83-47657

Aeronautics research and technology program and specific objectives [NASA-TM-85163] p 176 N83-13059

The calculation of separated flow at helicopter bodies [NASA-TM-76715] p 191 N83-16291

The half-model technique in the wind tunnel and its employment in the development of the Airbus family [NASA-TM-76970] p 205 N83-16328

Aerospace safety advisory panel [NASA-TM-85220] p 248 N83-18697

Construction and test of flexible walls for the throat of the ILR high-speed wind tunnel [NASA-TM-77005] p 293 N83-18771

Some characteristic quantities of Karman-Trefftz profiles [NASA-TM-77013] p 314 N83-20915

A study of dingbills for use in the Peruvian Selva Central Region [NASA-TM-85633] p 314 N83-20916

A study of dingbills for use in the Peruvian Selva Central region [NASA-TM-85634] p 315 N83-20917

Small transport aircraft technology [NASA-SP-460] p 331 N83-20931

The solar aircraft [NASA-TM-77042] p 388 N83-23295

A simple propulsion system model for the simulation of nonlinear dynamic thrust response [NASA-TM-77053] p 393 N83-23310

A survey of the three-dimensional high Reynolds number transonic wind tunnel [NASA-TM-76931] p 400 N83-23324

Transonic cryogenic test section for the Goettingen Tube Facility [NASA-TM-77050] p 401 N83-23328

Aeronautical Engineering A continuing bibliography with indexes, supplement 160, April 1983 [NASA-SP-7037(160)] p 373 N83-24466

Rain and icing experiments in a wind tunnel [NASA-TM-77077] p 582 N83-30394

Installation, validation and flight evaluation of the Federal Aviation Administration's head-up display system [NASA-TM-85255] p 610 N83-30412

Weather hazard simulation in the Modane wind-tunnels [NASA-TM-77069] p 631 N83-30438

Convergence behavior that controls adaptive wind tunnel walls near the test section in the high angle of attack range [NASA-TM-77006] p 631 N83-30439

Contribution to the aerodynamic study of wings and propellers [NASA-TM-77083] p 684 N83-31579

Comparative evaluation of gas-turbine engine combustion chamber starting and stalling characteristics for mechanical and air-injection [NASA-TM-77024] p 684 N83-32805

Real-time simulation of jet engines with digital computer 1 Fabrication and characteristics of the simulator [NASA-TM-77081] p 684 N83-32809

Records of achievement. NASA special publications [NASA-SP-470] p 708 N83-33792

NASA's aviation safety - meteorology research programs p 668 N83-33829

Windmilling of the rotor of a turbojet engine with an axial-flow compressor under flight conditions [NASA-TM-77087] p 686 N83-33892

Wall interference correction improvements for the ONERA main wind tunnels [NASA-TM-76971] p 690 N83-33908

The effects of supports on the flow behind a body [NASA-TM-77073] p 691 N83-33909

**National Aeronautics and Space Administration Ames Research Center, Moffett Field, Calif**

A digital flight control system verification laboratory p 55 N83-11178

Recent progress in V/STOL technology p 3 N83-12852

Selected results from the quiet short-haul research aircraft flight research program p 189 N83-13165

Airframe effects on a top-mounted fighter inlet system p 177 N83-13166

Nonlinear aerodynamic modeling of flap oscillations in transonic flow - A numerical validation [AIAA PAPER 81-0073] p 178 N83-15290

A perspective of theoretical and applied computational fluid dynamics [AIAA PAPER 83-0037] p 179 N83-16477

The performance of a circulation control airfoil at transonic speeds [AIAA PAPER 83-0083] p 130 N83-16510

A multigrid method for the Euler equations [AIAA PAPER 83-0124] p 131 N83-16537

Laser holographic interferometry for an unsteady airfoil in dynamic stall [AIAA PAPER 83-0388] p 179 N83-16688

Study of rotor gust response by means of the local momentum theory p 169 N83-18379

Radiation from a double layer jet p 237 N83-20364

Automation of on-board flightpath management p 215 N83-21002

Thermal performance of aircraft polyurethane seat cushions p 294 N83-23849

Turbofan engine blade pressure and acoustic radiation at simulated forward speed p 274 N83-24026

Finite difference modeling of rotor flows including wake effects [ONERA, TP NO 1982-114] p 243 N83-24326

Acoustic measurements of a full-scale coaxial helicopter [AIAA PAPER 83-0722] p 264 N83-25933

Measurements of the scattering of sound by a line vortex [AIAA PAPER 83-0676] p 365 N83-28004

The influence of inlet design on the aeroacoustic performance of a JT15D turbofan engine as measured in the NASA-Ames 40 x 80 foot wind tunnel [AIAA PAPER 83-0681] p 337 N83-28006

The acoustic response of a propeller subjected to gusts incident from various inflow angles [AIAA PAPER 83-0692] p 366 N83-28010

Guidance and flight control demonstration in a helicopter flight environment using a laser-gyro inertial navigation system p 322 N83-28779

Performance of a Strapdown Ring Laser Gyro Tetrad Inertial Navigation System in a helicopter flight environment p 322 N83-28781

Effects of viscosity on transonic-aerodynamic and aeroelastic characteristics of oscillating airfoils [AIAA 83-0888] p 312 N83-29835

Dynamic characteristics of the 40- by 80- /80- by 120-foot wind tunnel drive fan blades [AIAA 83-0918] p 346 N83-29846

Flutter analysis of a transport wing using XTRAN3S [AIAA 83-0922] p 357 N83-29848

Measured inplane stability characteristics in hover for an advanced bearingless rotor [AIAA 83-0987] p 330 N83-29865

Identification of helicopter rotor dynamic models [AIAA 83-0988] p 330 N83-29866

A new facility and technique for two-dimensional aerodynamic testing p 398 N83-32585

Applications of advanced upper surface blowing propulsive-lift technology [SAE PAPER 820958] p 433 N83-33628

Numerical calculation of nonlinear aerodynamics of wing-body configurations p 420 N83-36076

Seven-hole cone probes for high angle flow measurement Theory and calibration p 474 N83-36085

Spectral decontamination of a real-time helicopter simulation [AIAA PAPER 83-1087] p 436 N83-36211

The man-vehicle systems research facility - A new NASA aeronautical R & D facility [AIAA PAPER 83-1098] p 463 N83-36218

Compensation for time delay in flight simulator visual-display systems [AIAA PAPER 83-1080] p 464 N83-36222

Piloted simulation of hover and transition of a vertical attitude takeoff and landing aircraft p 516 N83-37064

Finite-difference simulation of transonic separated flow using a full potential boundary layer interaction approach [AIAA PAPER 83-1689] p 555 N83-37189

Contouring tunnel walls to achieve free-air flow over a transonic swept wing [AIAA PAPER 83-1725] p 492 N83-37211

Supersonic STOVL research aircraft [SAE PAPER 821375] p 517 N83-37965

Low-speed aerodynamic characteristics of a generic forward-swept-wing aircraft [SAE PAPER 821467] p 496 N83-37998

Optimal turning climb-out and descent of commercial jet aircraft [SAE PAPER 821468] p 519 N83-37999

Convair 990 transonic flow-field simulation about the forward fuselage [AIAA PAPER 83-1785] p 496 N83-38626

PAN AIR modeling studies [AIAA PAPER 83-1830] p 498 N83-38660

The evaluation of the rolling moments induced by wraparound fins [AIAA PAPER 83-1840] p 545 N83-38669

Surface pressures induced on a flat plate with in-line and side-by-side dual jet configurations [AIAA PAPER 83-1849] p 500 N83-38677

Grid generation by elliptic partial differential equations for a tri-element Augmentor-Wing airfoil p 502 N83-38803

Effect of buoyancy and power design parameters on hybrid airship performance [AIAA PAPER 83-1976] p 521 N83-38907

Determining compressor-inlet airflow in the compact multimission aircraft propulsion simulators in wind-tunnel applications [AIAA PAPER 83-1231] p 547 N83-39104

Interactions of airfoils with gusts and concentrated vortices in unsteady transonic flow [AIAA PAPER 83-1691] p 502 N83-39267

Comparison of supercritical airfoil flow calculations with wind-tunnel results [AIAA PAPER 83-1688] p 503 N83-40472

Helicopter IFR approaches into major terminals using RNAV, MLS, and CDTI p 584 N83-41042

A summary of NASA/FAA experiments concerning helicopter IFR airworthiness criteria p 584 N83-41079

Simulation evaluation of flight controls and display concepts for VTOL shipboard operations [AIAA PAPER 83-2173] p 575 N83-41668

Mixing 4D equipped and unequipped aircraft in the terminal area [AIAA PAPER 83-2240] p 591 N83-41717

Effects of rotor inertia and rpm control on helicopter handling qualities [AIAA PAPER 83-2070] p 623 N83-41907

Applications of state estimation in aircraft flight-data analysis [AIAA PAPER 83-2087] p 596 N83-41919

Interception in three dimensions - An energy formulation [AIAA PAPER 83-2121] p 597 N83-41946

Separation of time scales in aircraft trajectory optimization [AIAA PAPER 83-2136] p 597 N83-41958

Optimal short range trajectories for helicopters [AIAA PAPER 83-2140] p 598 N83-41962

Optimization of fire blocking layers for aircraft seating [SAE PAPER 1468] p 585 N83-43742

A nonintrusive laser interferometer method for measurement of skin friction p 695 N83-44677

A Kalman filter algorithm for terminal-area navigation with sensors of moderate accuracy p 670 N83-45460

Ground simulation investigation of helicopter decelerating instrument approaches p 668 N83-45461

Prediction of boundary-layer characteristics of an oscillating airfoil p 660 N83-46435

The Integrated Technology and Flight Research Rotor Technology demonstrators for the 1985-1995 timeframe p 677 N83-46928

Experimental wind and canard jet-flap aerodynamics [AIAA PAPER 83-0081] p 715 N83-48211

Analysis of general aviation accidents using ATC radar records p 719 N83-48218

Evaluation of control and display configurations for helicopter shipboard operations [AIAA PAPER 83-2486] p 734 N83-48346

The effect of a leading-edge slat on the dynamic stall of an oscillating airfoil [AIAA PAPER 83-2533] p 716 N83-48368

An overview of V/STOL aircraft development [AIAA PAPER 83-2491] p 731 N83-49584

An integrated user-oriented laboratory for verification of digital flight control systems Features and capabilities [NASA-TM-84276] p 47 N83-10048

A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 1 Technical discussion and results [NASA-TM-84258-PT-1] p 48 N83-10049

A piloted simulator investigation of stability and control, display and crew-loading requirements for helicopter instrument approach Part 2 Supporting data [NASA-TM-84258-PT-2] p 48 N83-10050

A mathematical model of a single main rotor helicopter for piloted simulation [NASA-TM-84281] p 48 N83-10051

Prediction of aircraft handling qualities using analytical models of the human pilot p 52 N83-10079

Holographic interferometry technique for rotary wing aerodynamics and noise  
[NASA-TM-84723] p 67 N83-10378

Avoidance maneuvers selected while viewing cockpit traffic displays  
[NASA-TM-84269] p 16 N83-11098

Design of a helicopter autopilot by means of linearizing transformations  
[NASA-TM-84295] p 52 N83-11140

An experimental study of dynamic stall on advanced airfoil section. Volume 2. Pressure and force data  
[NASA-TM-84245-VOL-2] p 179 N83-12048

Polymer materials research at NASA Ames Research Center  
p 210 N83-12150

A nonintrusive laser interferometer method for measurement of skin friction  
[NASA-TM-84300] p 217 N83-12393

Helicopter simulation validation using flight data  
[NASA-TM-84291] p 204 N83-13112

The effects of pilot stress factors on handling quality assessments during US/German helicopter agility flight tests  
[NASA-TM-84294] p 205 N83-13114

Research and technology annual report, 1982  
[NASA-TM-84312] p 192 N83-16273

Dynamic structural aeroelastic stability testing of the XV-15 tilt rotor research aircraft  
[NASA-TM-84293] p 216 N83-16349

The application of parameter estimation to flight measurements to obtain lateral-directional stability derivatives of an augmented jet-flap STOL airplane  
[NASA-TP-2033] p 216 N83-16350

Optimal short-range trajectories for helicopters  
[NASA-TM-84303] p 187 N83-17451

The influence of handling qualities, crashworthiness and other engineering factors on aircraft safety  
p 198 N83-17493

The engineering investigation of aircraft accidents  
p 198 N83-17497

Minimum-fuel turning climbout and descent guidance of transport jets  
[NASA-TM-84289] p 217 N83-17552

The aerodynamic performance of several flow control devices for internal flow systems  
[NASA-TP-1972] p 221 N83-17560

Helical automatic approaches of helicopters with microwave landing systems  
[NASA-TP-2109] p 260 N83-18704

A rotor technology assessment of the advancing blade concept  
[NASA-TM-84298] p 265 N83-18712

The vibration characteristics of a coupled helicopter rotor-fuselage by a finite element analysis  
[NASA-TP-2118] p 265 N83-18714

Design, development, and flight test of a demonstration advanced avionics system  
[NASA-TM-84323] p 270 N83-18721

Optimal feedback strategies for pursuit-evasion and interception in a plane  
[NASA-TM-84311] p 288 N83-18745

Time scheduling of a mix of 4D equipped and unequipped aircraft  
[NASA-TM-84327] p 250 N83-19721

Mathematical model of the SH-3G helicopter  
[NASA-TM-84316] p 266 N83-19739

Ames Research Center overview  
p 243 N83-20831

The quiet short-haul research aircraft  
p 268 N83-20832

The tilt rotor research aircraft (XV-15) program  
p 268 N83-20833

Opportunities and benefits  
p 252 N83-20838

The phenomenon of dynamic stall  
p 314 N83-20896

Adaptive-wall wind-tunnel research at Ames Research Center  
p 349 N83-20972

Simulation of a weather radar display for over-water airborne radar approaches  
[NASA-TM-84315] p 311 N83-22091

Augmentation of fighter-aircraft performance by spanwise blowing over the wing leading edge  
[NASA-TM-84330] p 315 N83-22159

A common geometric data-base approach for computer-aided manufacturing of wind-tunnel models and theoretical aerodynamic analysis  
[NASA-TP-2151] p 316 N83-22166

Efficient algorithms for computing trim and small-disturbance equations of motion of aircraft coordinated and uncoordinated, steady, steep turns  
[NASA-TM-84324] p 343 N83-22205

Fire resistant films for aircraft applications  
[NASA-TM-84337] p 352 N83-22320

NASA/RAE collaboration on nonlinear control using the F-8C digital fly-by-wire aircraft  
[NASA-TM-84296] p 396 N83-23316

Trends of Reynolds number effects on two-dimensional airfoil characteristics for helicopter rotor analyses  
[NASA-TM-84363] p 377 N83-24472

The effect of asymmetric attack on trim angle of attack  
[NASA-TM-84309] p 377 N83-24473

Pressures measured in flight on the aft fuselage and external nozzle of a twin-jet fighter  
[NASA-TP-2017] p 424 N83-25685

A flight-test and simulation evaluation of the longitudinal final approach and landing performance of an automatic system for a light wing loading STOL aircraft  
[NASA-TM-84270] p 461 N83-26845

Pilot human factors in stall/spin accidents of supersonic fighter aircraft  
[NASA-TM-84348] p 462 N83-26846

Calculation of boundary layers near the stagnation point of an oscillating airfoil  
[NASA-TM-84305] p 478 N83-27148

Implicit upwind methods for the compressible Navier-Stokes equations  
[NASA-TM-84364] p 478 N83-27149

On issues concerning flow separation and vortical flows in 3 dimensions  
[NASA-TM-84374] p 504 N83-27961

Unmanned vehicle systems experiences at the Dryden Flight Research Facility  
[NASA-TM-84913] p 526 N83-27978

Man-vehicle systems research facility Design and operating characteristics  
[NASA-TM-84372] p 548 N83-28006

Acoustic measurements of the X-wing rotor  
[NASA-TM-84292] p 571 N83-28985

Acoustic measurements of a full-scale coaxial hingeless rotor helicopter  
[NASA-TM-84349] p 571 N83-28986

The evaluation of the rolling moments induced by wraparound fins  
[NASA-TM-84381] p 506 N83-29180

Development and evaluation of a Kalman-filter algorithm for terminal area navigation using sensors of moderate accuracy  
[NASA-TP-2035] p 515 N83-29193

An experimental investigation of the subcritical and supercritical flow about a swept semispan wing  
[NASA-TM-84367] p 563 N83-29634

Numerical simulation of vortex breakdown by the vortex-filament method  
[NASA-TM-84334] p 563 N83-29636

Helicopter simulation validation using flight data  
p 631 N83-30372

Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft  
p 628 N83-30380

Numerical Aerodynamic Simulation (NAS)  
[NASA-TM-84386] p 652 N83-32397

An experimental study of transonic flow about a supercritical airfoil. Static pressure and drag data obtained from tests of a supercritical airfoil and an NACA 0012 airfoil at transonic speeds, supplement  
[NASA-TM-81336-SUPPL] p 666 N83-33846

Noise suppressor for turbo fan jet engines  
[NASA-CASE-ARC-10812-1] p 665 N83-33884

NASA/FAA experiments concerning helicopter IFR airworthiness criteria  
[NASA-TM-84368] p 688 N83-33904

A holographic interferometry technique for measuring transonic flow near a rotor blade  
[NASA-TM-84405] p 702 N83-34278

Sidelooking laser altimeter for a flight simulator  
[NASA-CASE-ARC-11312-1] p 702 N83-34304

Our first quarter century of achievement. Just the beginning  
[NASA-NEWS-RELEASE-83-132] p 708 N83-34882

Experiments in a three-dimensional adaptive-wall wind tunnel  
[NASA-TP-2210] p 718 N83-34906

The NASA Aviation Safety Reporting System  
[NASA-TM-84339] p 721 N83-34923

A piloted simulator investigation of side-stick controller/stability and control augmentation system requirements for helicopter visual flight tasks  
[NASA-CR-172852] p 754 N83-36041

Fire extinguishant materials  
[NASA-CASE-ARC-11252-1] p 759 N83-36118

**National Aeronautics and Space Administration, Hugh L. Dryden Flight Research Center, Edwards, Calif**

Real-time data display for AFTI/F-16 flight testing  
[NASA-TM-84899] p 198 N83-13095

A flight test maneuver autopilot for a highly maneuverable aircraft  
[NASA-TM-81372] p 205 N83-13115

A unique flight test facility Description and results  
[NASA-TM-84900] p 208 N83-13124

Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft  
[NASA-TM-84901] p 265 N83-18710

Aircraft canopy lock  
[NASA-CASE-FRC-11065-1] p 266 N83-19737

Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane  
[NASA-TM-83088] p 339 N83-22201

Airstart performance of a digital electronic engine control system in an F-15 airplane  
[NASA-TM-84908] p 339 N83-22203

Adapter for mounting a microphone flush with the external surface of the skin of a pressurized aircraft  
[NASA-CASE-FRC-11072-1] p 526 N83-27975

Aircraft body-axis rotation measurement system  
[NASA-CASE-FRC-11043-1] p 682 N83-33882

Analytic redundancy management for flight control sensors  
p 751 N83-34900

**National Aeronautics and Space Administration Flight Research Center, Edwards, Calif**

Wake vortex attenuation flight tests - A status report  
p 30 A83-11806

Implementation of the DAST ARW II control laws using an 8086 microprocessor and an 8087 floating-point coprocessor  
p 71 A83-11910

In-flight deflection measurement of the HIMAT aeroelastically tailored wing  
p 189 A83-13167

'Light bar' attitude indicator  
p 197 A83-16136

Qualification of the flight-critical AFTI/F-16 digital flight control system  
[AIAA PAPER 83-0060] p 167 A83-16492

Development of a flight test maneuver autopilot for a highly maneuverable aircraft  
[AIAA PAPER 83-0061] p 168 A83-16493

The design of a human-powered vehicle  
[AIAA PAPER 83-0649] p 180 A83-16816

Digital electronic engine control system - F-15 flight test  
p 162 A83-18406

Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane  
[AIAA PAPER 83-0537] p 163 A83-19593

Unique flight characteristics of the AD-1 oblique-wing research airplane  
p 386 A83-32588

In-flight acoustic test results for the SR-2 and SR-3 advanced-design propellers  
[AIAA PAPER 83-1214] p 452 A83-36286

HIMAT onboard flight computer system architecture and qualification  
p 529 A83-37061

Space Shuttle stability and control derivatives estimated from the first entry  
p 544 A83-37065

Numerical simulation of the atmosphere during a CAT encounter  
p 565 A83-38764

Flight-test results using nonlinear control with the F-8C digital fly-by-wire aircraft  
[AIAA PAPER 83-2174] p 619 A83-41669

Algorithms for real-time flutter identification  
[AIAA PAPER 83-2223] p 640 A83-41703

Flight test experience with pilot-induced-oscillation suppressor filters  
[AIAA PAPER 83-2107] p 625 A83-41936

The application and results of a new flight test technique  
[AIAA PAPER 83-2137] p 598 A83-41959

Experience with flight test trajectory guidance  
p 675 A83-45470

Simulations used in the development and flight test of the HiMAT vehicle  
[AIAA PAPER 83-2505] p 727 A83-48355

**National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Md**

Use of interactive graphics to analyze QUICK-geometry  
[NASA-TM-83234] p 364 N83-23048

MIZEX-WEST NASA CV-990 flight report  
[NASA-TM-85020] p 409 N83-23670

Adaptively pointing spaceborne radar for precipitation measurements  
p 410 N83-25315

The outlook for precipitation measurements from space  
p 410 N83-25316

RF radiation from lightning correlated with aircraft measurements during storm hazards-82  
[NASA-TM-85007] p 479 N83-27537

**National Aeronautics and Space Administration, Lyndon B. Johnson Space Center, Houston, Tex.**

VOR area navigation - Techniques and results  
p 323 A83-29205

Space Shuttle stability and control derivatives estimated from the first entry  
p 544 A83-37065

Green's function solution and applications for cracks emanating from a circular hole in an infinite sheet  
p 764 A83-49599

Program to compute the positions of the aircraft and of the aircraft sensor footprints  
[E83-10139] p 234 N83-16814

# National Aeronautics and Space Administration Langley Research Center, Hampton, Va

- Prediction of transonic flutter for a supercritical wing by modified strip analysis p 62 A83-10190
- Analysis and flight data for a drone aircraft with active flutter suppression p 29 A83-10192
- Economic modeling of fault tolerant flight control systems in commercial applications p 46 A83-11156
- Description and planned use of a data distribution evaluation system for fiber optic data buses p 21 A83-11183
- Application of matrix singular value properties for evaluating gain and phase margins of multiloop systems p 72 A83-12457
- Design for global damage tolerance and associated mass penalties p 214 A83-15321
- Free stream noise and transition measurements in a Mach 3.5 pilot quiet tunnel [AIAA PAPER 83-0042] p 171 A83-16482
- Effects of various empennage parameters on the aerodynamic characteristics of a twin-engine afterbody model [AIAA PAPER 83-0085] p 130 A83-16511
- Thrust reversing effects on horizontal tail effectiveness of twin-engine fighter aircraft [AIAA PAPER 83-0086] p 149 A83-16512
- Propulsion installation characteristics for turbofan transports [AIAA PAPER 83-0087] p 130 A83-16513
- Developments in the NASA transport aircraft laminar flow program [AIAA PAPER 83-0090] p 130 A83-16514
- A comparison of trim drag for conventional and supercritical wings [AIAA PAPER 83-0094] p 131 A83-16518
- Remotely driven model control surfaces for efficient wind-tunnel operations [AIAA PAPER 83-0148] p 172 A83-16556
- Trimming high lift for STOL fighters [AIAA PAPER 83-0168] p 168 A83-16566
- Investigation of the effects of upstream sidewall boundary-layer removal on a supercritical airfoil [AIAA PAPER 83-0386] p 133 A83-16686
- Support-sting interference on boattail pressure drag for Reynolds numbers up to 70 x 10 to the 6th [AIAA PAPER 83-0387] p 172 A83-16687
- A supersonic maneuver wing designed for nonlinear attached flow [AIAA PAPER 83-0425] p 134 A83-16707
- Low-speed investigation of the maneuver capability of supersonic fighter wings [AIAA PAPER 83-0426] p 134 A83-16708
- Three-dimensional Euler solutions for long-duct nacelles [AIAA PAPER 83-0089] p 136 A83-17905
- Review of factors affecting aircraft wet runway performance [AIAA PAPER 83-0274] p 151 A83-17915
- An evaluation of aerodynamics modeling of spinning light airplanes [AIAA PAPER 83-0368] p 169 A83-17922
- Effects of spanwise blowing and reverse thrust on fighter low-speed aerodynamics p 136 A83-18410
- Screech suppression in supersonic jets p 237 A83-19814
- Flight test results of an active flutter suppression system p 216 A83-22164
- Fiber optic wavelength multiplexing for civil aviation applications p 208 A83-22492
- A note on the tip noise of rotating blades p 305 A83-23708
- Turbofan engine blade pressure and acoustic radiation at simulated forward speed p 274 A83-24026
- Ground effects on aircraft noise for a wide-body commercial airplane p 305 A83-24034
- Flight effects on fan noise with static and wind tunnel companions [AIAA PAPER 83-0678] p 279 A83-25910
- Fluctuating pressure measurements on the fan blades of a turbofan engine during ground and flight tests [AIAA PAPER 83-0679] p 279 A83-25911
- Noise transmission characteristics of advanced composite structural materials [AIAA PAPER 83-0694] p 306 A83-25915
- An experimental investigation of sound radiation from a duct with a circumferentially varying liner [AIAA PAPER 83-0712] p 307 A83-25928
- The prediction of the noise of supersonic propellers in time domain - New theoretical results [AIAA PAPER 83-0743] p 280 A83-25945
- The design and flight test of an engine inlet bulk acoustic liner [AIAA PAPER 83-0781] p 281 A83-25963
- Airfoil self noise - Effect of scale [AIAA PAPER 83-0785] p 307 A83-25966
- Nearfield observations of tones generated from supersonic jet flows [AIAA PAPER 83-0706] p 308 A83-26449
- Advanced technology for future regional transport aircraft p 326 A83-27499
- A new measurement method for separating airborne and structureborne aircraft interior noise p 386 A83-28186
- Some solutions to the problems and pitfalls of laser velocimetry in a large transonic wind tunnel p 346 A83-28832
- NASA aerial applications wake interaction research p 317 A83-28899
- Wind tunnel noise reduction at Mach 5 with a rod-wall sound shield [AIAA PAPER 82-0570] p 346 A83-28952
- Shock-associated noise in supersonic jets p 367 A83-28957
- Influence of leading-edge thrust on twisted and cambered wing design for supersonic cruise p 312 A83-29018
- Airplane model structure determination from flight data p 340 A83-29023
- Fracture behavior of hybrid composite laminates [AIAA 83-0804] p 350 A83-29736
- Structural optimization by multilevel decomposition [AIAA 83-0832] p 355 A83-29741
- An analytical comparison of two wing structures for Mach 5 cruise airplanes [AIAA 83-0974] p 329 A83-29806
- Transonic pressure distributions on a rectangular supercritical wing oscillating in pitch [AIAA 83-0923] p 313 A83-29849
- Aeroelastic considerations for continuous patrol/high altitude surveillance platforms [AIAA 83-0924] p 329 A83-29850
- Airfoil shape and thickness effects on transonic airloads and flutter [AIAA 83-0959] p 329 A83-29860
- Design of the flutter suppression system for DAST ARW-1R - A status report [AIAA 83-0990] p 330 A83-29868
- The design, testing and analysis of aeroelastically tailored transonic flutter model wings [AIAA 83-1027] p 330 A83-29876
- Research on non-planar wall geometries for turbulence control and skin-friction reduction p 374 A83-31975
- Cryogenic wind tunnels for high Reynolds number testing p 398 A83-32175
- Laboratory study of add-on treatments for interior noise control in light aircraft p 386 A83-32581
- Advanced turboprop cargo aircraft systems study p 386 A83-32582
- NASA technology program for future civil air transports [AIAA PAPER 83-1603] p 379 A83-33366
- Recent studies at NASA-Langley of vortical flows interacting with neighboring surfaces p 417 A83-33972
- Flight management concepts development for fuel conservation p 447 A83-35843
- Evaluation of a surface panel method coupled with several boundary layer analyses [AIAA PAPER 83-0011] p 474 A83-36039
- Empennage/afterbody integration for single and twin-engine fighter aircraft [AIAA PAPER 83-1126] p 420 A83-36235
- STOL wind tunnel test results for a tactical supercruiser [AIAA PAPER 83-1224] p 420 A83-36291
- A static investigation of yaw vectoring concepts on two-dimensional convergent-divergent nozzles [AIAA PAPER 83-1288] p 421 A83-36324
- Space-station crew-safety requirements p 467 A83-36408
- Natural laminar flow data from full-scale flight and wind-tunnel experiments p 422 A83-36409
- Navier-Stokes calculations for the vortex wake of a rotor in hover [AIAA PAPER 83-1676] p 492 A83-37184
- Stability experiments in rotating-disk flow [AIAA PAPER 83-1760] p 555 A83-37232
- Review of NASA antiskid braking research [SAE PAPER 821393] p 517 A83-37969
- The all electric airplane-benefits and challenges [SAE PAPER 821434] p 518 A83-37982
- Advanced technology exhaust nozzle development [AIAA PAPER 83-1286] p 496 A83-38080
- Design and true Reynolds number 2-D testing of an advanced technology airfoil [AIAA PAPER 83-1792] p 496 A83-38632
- Some recent applications of XTRAN3S [AIAA PAPER 83-1811] p 497 A83-38644
- An investigation of wing leading-edge vortices at supersonic speeds [AIAA PAPER 83-1816] p 498 A83-38648

- Parametric study of factors affecting the fuel efficiency of advanced turboprop airplanes [AIAA PAPER 83-1823] p 520 A83-38655
- Design study for remotely piloted, high-altitude airplanes powered by microwave energy [AIAA PAPER 83-1825] p 520 A83-38657
- High angle-of-attack flight dynamics of a forward-swept wing fighter configuration [AIAA PAPER 83-1837] p 544 A83-38666
- Computational analysis for an advanced transport configuration with engine nacelle [AIAA PAPER 83-1851] p 521 A83-38679
- Some lessons from NACA/NASA aerodynamic studies following World War II [AIAA PAPER 83-1856] p 489 A83-38683
- Status review of a supersonically-biased fighter wing-design study [AIAA PAPER 83-1857] p 521 A83-38684
- Aerodynamic design for improved maneuverability by the use of three-dimensional transonic theory [AIAA PAPER 83-1859] p 521 A83-38686
- Airborne reconnaissance in the civilian sector - Agricultural monitoring from high-altitude powered platforms p 566 A83-39939
- The dynamic collapse of a column impacting a rigid surface p 639 A83-40873
- Transonic flutter model study of a supercritical wing and winglet p 640 A83-41048
- An advanced control system for a next generation transport aircraft [AIAA PAPER 83-2194] p 620 A83-41679
- Flight management systems - What are they and why are they being developed? [AIAA PAPER 83-2235] p 621 A83-41712
- Restructurable controls for aircraft [AIAA PAPER 83-2255] p 622 A83-41728
- Tradeoff studies in multiobjective insensitive design of airplane control systems [AIAA PAPER 83-2273] p 622 A83-41739
- New results in fault latency modelling [AIAA PAPER 83-2303] p 650 A83-41760
- Determination of aerodynamic parameters of a fighter airplane from flight data at high angles of attack [AIAA PAPER 83-2066] p 623 A83-41904
- An application of parameter identification to the oscillatory motion of an airplane at high CL [AIAA PAPER 83-2067] p 623 A83-41905
- Digital Instrumentation Analysis and Navigation System (DIANS) for system identification [AIAA PAPER 83-2091] p 609 A83-41922
- A simulation study of the low-speed characteristics of a light twin with an engine-out [AIAA PAPER 83-2128] p 626 A83-41951
- Parametric study of critical constraints for a canard configured medium range transport using conceptual design optimization [AIAA PAPER 83-2141] p 598 A83-41963
- Progress in supersonic cruise technology p 576 A83-43025
- Flight investigation of natural laminar flow on the Bellanca Skyrocket II [SAE PAPER 830717] p 599 A83-43326
- Wing modification for increased spin resistance [SAE PAPER 830720] p 627 A83-43327
- NASA wake interactions research and applications [SAE PAPER 830764] p 580 A83-43329
- Observations of severe in-flight environments on airplane composite structural components p 600 A83-43330
- Estimation of parameters involved in high angle-of-attack aerodynamic theory using spin flight test data [AIAA PAPER 83-2086] p 627 A83-43809
- Interior noise considerations for advanced high speed turboprop aircraft p 675 A83-43970
- Combined four-wall interference assessment in two-dimensional airfoil tests p 689 A83-45576
- Laboratory evaluation of an airborne ozone instrument that compensates for altitude/sensitivity effects p 681 A83-45618
- Safe structures for future aircraft p 676 A83-46350
- Optical data processing for aerospace applications p 768 A83-47657
- Evaluation of four subcritical response methods for on-line prediction of flutter onset in wind tunnel tests p 753 A83-48212
- Effects of angle of attack on transonic flutter of a supercritical wing p 726 A83-48213
- Subsonic/supersonic aeropropulsive characteristics of nonaxisymmetric nozzles installed on an F-18 model p 744 A83-48215
- A flight test of laminar flow control leading-edge systems [AIAA PAPER 83-2508] p 727 A83-48356
- Operational military helicopter interior noise and vibration measurements with comparisons to ride quality criteria [AIAA PAPER 83-2526] p 728 A83-48364

- Exploratory low-speed wind-tunnel investigation of advanced commuter configurations including an over-the-wing propeller design  
[AIAA PAPER 83-2531] p 732 A83-49590
- Application of slender wing benefits to military aircraft  
[AIAA PAPER 83-2568] p 717 A83-49596
- Recent applications of a laser velocimeter in the Langley 4by 7-meter Wind Tunnel  
p 765 A83-50145
- An experimental and theoretical investigation of thick wings at various sweep angles in and out of ground effect  
[NASA-TP-2068] p 9 N83-10016
- Comparison of analytical and experimental subsonic steady and unsteady pressure distributions for a high-aspect-ratio-supercritical wing model with oscillating control surfaces  
[NASA-TM-84490] p 9 N83-10017
- Low-altitude wind measurements from wide-body jet transports  
[NASA-TM-84538] p 15 N83-10024
- The design integration of wingtip devices for light general aviation aircraft  
[NASA-TM-83252] p 30 N83-10034
- Flutter clearance of the horizontal tail of the Bellanca Skyrocket II airplane  
[NASA-TM-84528] p 31 N83-10035
- Sensitivity analysis of cool-down strategies for a transonic cryogenic tunnel  
[NASA-TM-84527] p 56 N83-10082
- Crash tests of four low-wing twin-engine airplanes with truss-reinforced fuselage structure  
[NASA-TP-2070] p 67 N83-10442
- Flight effects of fan noise  
[NASA-CP-2242] p 73 N83-10883
- Investigation of some effects of humidity on aerodynamic characteristics on a 10-percent-thick NASA supercritical airfoil  
[NASA-TM-X-3355] p 4 N83-11018
- Wind-Tunnel investigation of effects of underwing leading-edge vortex generators of a supercritical-wing research airplane configuration  
[NASA-TM-X-2471] p 4 N83-11019
- Wind-tunnel investigation of effects of rear upper surface modification on a NASA supercritical airfoil  
[NASA-TM-X-2454] p 4 N83-11020
- Effects of wing trailing-edge truncation on aerodynamic characteristics of a NASA supercritical-wing research airplane model  
[NASA-TM-X-3024] p 4 N83-11021
- Low-speed aerodynamic characteristics of a 42 deg swept high-wing model having a double-slotted flap system and a supercritical airfoil  
[NASA-TM-X-3036] p 4 N83-11022
- Dynamic stability characteristics in pitch, yaw, and roll of a supercritical-wing research airplane model  
[NASA-TM-X-2900] p 4 N83-11023
- Stability and control characteristics including aileron hinge moments of a model of a supercritical-wing research airplane  
[NASA-TM-X-2929] p 4 N83-11024
- Effect of wing-mounted nacelles on a 42 deg swept supercritical wing configuration at near-sonic speeds  
[NASA-TM-X-2954] p 4 N83-11025
- Aerodynamic characteristics of two 10-percent-thick NASA supercritical airfoils with different upper surface curvature distributions  
[NASA-TM-X-2977] p 5 N83-11026
- Wind-tunnel measurements of the chordwise pressure distribution and profile drag of a research airplane model incorporating a 17-percent-thick supercritical wing  
[NASA-TM-X-2760] p 5 N83-11027
- A wind-tunnel investigation of the application of the NASA supercritical airfoil to a variable-wing-sweep fighter airplane  
[NASA-TM-X-2759] p 5 N83-11028
- Investigation at near-sonic speed of some effects of humidity on the longitudinal aerodynamic characteristics of an NASA supercritical wing research airplane model  
[NASA-TM-X-2618] p 5 N83-11029
- Low-speed aerodynamic characteristics of a model having a 42 deg swept low wing with a supercritical airfoil, double-slotted flaps, and a T-tail  
[NASA-TM-X-2582] p 5 N83-11030
- Aerodynamic characteristics of an improved 10-percent-thick NASA supercritical airfoil  
[NASA-TM-X-2978] p 5 N83-11031
- Wind-tunnel development of underwing leading-edge vortex generators on a NASA supercritical-wing research airplane configuration  
[NASA-TM-X-2808] p 6 N83-11032
- Effects of wing height on low-speed aerodynamic characteristics of a model having a 42 deg swept wing, a supercritical airfoil, double-slotted flaps, and a low tail  
[NASA-TM-X-2794] p 6 N83-11033
- Low-speed aerodynamic characteristics of a 17-percent-thick supercritical airfoil section, including a comparison between wind-tunnel and flight data  
[NASA-TM-X-2571] p 6 N83-11034
- Investigation of installation effects of single-engine convergent-divergent nozzles  
[NASA-TP-2078] p 11 N83-11059
- Tabulated pressure measurements on an executive-type jet transport model with a supercritical wing  
[NASA-TM-X-72701] p 11 N83-11069
- Wind-tunnel investigation of several high aspect-ratio supercritical wing configurations on a wide-body-type fuselage  
[NASA-TM-X-71996] p 11 N83-11070
- The NASA supercritical-wing technology  
[NASA-TM-78731] p 11 N83-11071
- Recent experiences with three-dimensional transonic potential flow calculations  
[NASA-TM-78733] p 12 N83-11072
- Effects of differential and symmetrical aileron deflection on the aerodynamic characteristics of an NASA supercritical-wing research airplane model  
[NASA-TM-X-3231] p 12 N83-11073
- Static aerodynamic characteristics of a model with a 17 percent thick supercritical wing  
[NASA-TM-X-2551] p 12 N83-11074
- Aerodynamic characteristics of the 10-percent-thick NASA supercritical airfoil 33 designed for a normal-force coefficient of 0.7  
[NASA-TM-X-72711] p 12 N83-11075
- Comparison of the experimental aerodynamic characteristics of theoretically and experimentally designed supercritical airfoils  
[NASA-TM-X-3082] p 12 N83-11076
- Aerodynamic characteristics of a 14-percent-thick NASA supercritical airfoil designed for a normal-force coefficient of 0.7  
[NASA-TM-X-72712] p 12 N83-11077
- Aerodynamic characteristics of 10 percent thick NASA supercritical airfoils with different aft camber  
[NASA-TM-X-72007] p 12 N83-11078
- Development of two supercritical airfoils with a thickness-to-chord ratio of 0.20 and design lift coefficients of 0.3 and 0.4  
[NASA-TM-X-73948] p 12 N83-11079
- Comparison of experimental and theoretical drag characteristics for a 10-percent-thick supercritical airfoil using a new version of an analysis code  
[NASA-TM-X-74041] p 13 N83-11080
- Static longitudinal aerodynamic characteristics of a model with a modified 17 percent thick supercritical wing  
[NASA-TM-X-3211] p 13 N83-11081
- Application of a supercritical wing to an executive-type jet transport model  
[NASA-TM-X-3251] p 13 N83-11082
- Transonic aerodynamic characteristics of the 10-percent-thick NASA supercritical airfoil 31  
[NASA-TM-X-3203] p 15 N83-11083
- Aerodynamic characteristics of an 11-percent-thick symmetrical supercritical airfoil at Mach numbers between 0.30 and 0.85  
[NASA-TM-X-1831] p 13 N83-11084
- Effects of landing gear, speed brake and protruberances on the longitudinal aerodynamic characteristics of an NASA supercritical-wing research airplane model  
[NASA-TM-X-72684] p 13 N83-11085
- OPDOT A computer program for the optimum preliminary design of a transport airplane  
[NASA-TM-81857] p 32 N83-11114
- Low-speed aerodynamic characteristics of a transport configuration having a 42 deg swept supercritical airfoil wing and three tail height positions  
[NASA-TM-X-3149] p 32 N83-11115
- Wind-tunnel investigation of aerodynamic load distribution on a variable-wing-sweep fighter airplane with a NASA supercritical airfoil  
[NASA-TM-X-3095] p 32 N83-11116
- Gain selection method and model for coupled propulsion and airframe systems  
[NASA-TP-2067] p 52 N83-11139
- Stability and control characteristics at Mach numbers 1.60 to 2.86 of a variable-sweep fighter configuration with supercritical airfoil sections  
[NASA-TM-X-2284] p 52 N83-11141
- Wind-tunnel investigation of longitudinal and lateral-directional stability and control characteristics of a 0.237-scale model of a remotely piloted research vehicle with a thick, high-aspect-ratio supercritical wing  
[NASA-TM-81790] p 53 N83-11142
- Durability of commercial aircraft and helicopter composite structures  
p 61 N83-11243
- Flightweight radiantly and actively cooled panel Thermal and structural performance  
[NASA-TP-2074] p 68 N83-11513
- A new measurement method for separating airborne and structureborne noise radiated by aircraft type panels  
[NASA-TP-2079] p 73 N83-11838
- Application of Zimmerman flutter-margin criterion to a wind tunnel model  
[NASA-TM-84545] p 192 N83-12070
- Advanced Materials Technology  
[NASA-CP-2251] p 210 N83-12147
- Opportunities for composites in commercial transport structures  
p 210 N83-12148
- Processing composite materials  
p 210 N83-12153
- Advanced powder metallurgy aluminum alloys and composites  
p 210 N83-12156
- Durability of aircraft composite materials  
p 211 N83-12164
- Flow visualization in a cryogenic wind tunnel using holography  
[NASA-TM-84556] p 217 N83-12395
- Image degradation in Langley 0.3-meter transonic cryogenic tunnel  
[NASA-TM-84550] p 219 N83-13419
- Lightning attachment patterns and flight conditions for storm hazards, 1980  
[NASA-TP-2087] p 139 N83-14077
- Adaptive wall wind tunnels, a selected, annotated bibliography  
[NASA-TM-84526] p 174 N83-14138
- Effects of simulated lightning on composite and metallic joints  
[NASA-TM-84554] p 177 N83-14170
- Correlation and assessment of structural airplane crash data with flight parameters at impact  
[NASA-TP-2083] p 183 N83-14521
- Wind-tunnel studies of the effects of simulated damage on the aerodynamic characteristics of airplanes and missiles  
[NASA-TM-84588] p 138 N83-15266
- Stress analysis of advanced attack helicopter composite main rotor blade root end lug  
[NASA-TM-84578] p 178 N83-15361
- Aircraft noise prediction program user's manual  
[NASA-TM-84486] p 190 N83-16150
- Reduction of high-speed impulsive noise by blade planform modification of a model helicopter rotor  
[NASA-TM-84553] p 191 N83-16151
- Low-speed aerodynamic characteristics of a 17-percent-thick medium speed airfoil designed for general aviation applications  
[NASA-TP-1786] p 191 N83-16290
- Results from tests, with van-mounted sensor, of magnetic leader cable for aircraft guidance during roll-out and turnoff  
[NASA-TP-2092] p 209 N83-16338
- Multiple-event airplane noise annoyance  
[NASA-TP-2101] p 234 N83-16951
- Sound shield  
[NASA-CASE-LAR-12883-1] p 237 N83-17235
- Effect of external stores on the stability and control characteristics of a delta wing fighter model at Mach numbers from 0.60 to 2.01  
[NASA-TM-84596] p 194 N83-17508
- The minimization of pylon-mounted store effects on air combat capability  
[NASA-TM-84597] p 195 N83-17510
- Performance of high-altitude, long-endurance, turboprop airplanes using conventional or cryogenic fuels  
[NASA-TM-84534] p 207 N83-17530
- Planning fuel-conservative descents with or without time constraints using a small programmable calculator  
Algorithm development and flight test results  
[NASA-TP-2085] p 210 N83-17535
- Analysis of oscillatory motion of a light airplane at high values of lift coefficient  
[NASA-TM-84563] p 216 N83-17550
- Structural testing for static failure, flutter and other scary things  
[NASA-TM-84606] p 234 N83-17899
- Advanced theoretical treatment of propeller noise  
p 308 N83-18655
- Flap effectiveness on subsonic longitudinal aerodynamic characteristics of a modified arrow wing  
[NASA-TM-84582] p 245 N83-18673
- Application of nonlinear adaptive motion washout to transport ground-handling simulation  
[NASA-TM-84568] p 265 N83-18709
- Real-time flutter analysis of an active flutter-suppression system on a remotely piloted research aircraft  
[NASA-TM-84901] p 265 N83-18710
- Comparison of simulator fidelity model predictions with in-simulator evaluation data  
[NASA-TP-2106] p 266 N83-18715
- Simulation study of traffic-sensor noise effects on utilization of traffic situation display for self-spacing task  
[NASA-TP-2082] p 270 N83-18723



- Cryogenic Wind Tunnel Models Design and Fabrication  
[NASA-CP-2262] p 290 N83-18748  
Model systems criteria p 291 N83-18749  
NTF user operations requirements p 291 N83-18750
- Analytical methods with application to the Pathfinder 1 model p 291 N83-18753  
Status of NTF models p 291 N83-18754  
Engineering and fabrication cost considerations for cryogenic wind tunnel models p 291 N83-18758  
Strain gage balances and buffet gages p 292 N83-18766  
Model deformation system p 292 N83-18767  
NTF model pressure measurements p 292 N83-18768  
Angle of attack system p 292 N83-18769  
A method for modifying two-dimensional adaptive wind-tunnel walls including analytical and experimental verification p 292 N83-18770  
[NASA-TP-2081] p 292 N83-18770  
Preliminary rotor wake measurements with a laser velocimeter p 301 N83-19018  
[NASA-TM-83246] p 301 N83-19018  
Application of a systematic finite-element model modification technique to dynamic analysis of structures [NASA-TM-83292] p 301 N83-19124  
Pumped vortex p 246 N83-19715  
[NASA-CASE-LAR-12615-1] p 246 N83-19715  
Simulator study of a flight director display p 271 N83-19748  
[NASA-TM-84581] p 271 N83-19748  
High-angle-of-attack stability characteristics of a 3-surface fighter configuration p 288 N83-19757  
[NASA-TM-84584] p 288 N83-19757  
Flight service evaluation of composite components on Bell 206L and Sikorsky S-76 helicopters p 297 N83-19815  
[NASA-TM-84637] p 297 N83-19815  
A computer program for obtaining airplane configuration plots from digital Datcom input data p 331 N83-20933  
[NASA-TM-84639] p 331 N83-20933  
Similarity rules for effects of sidewall boundary layer in two-dimensional wind tunnels p 347 N83-20960  
Tire Modeling p 359 N83-21391  
[NASA-CP-2264] p 359 N83-21391  
Results from recent NASA tire thermal studies p 360 N83-21401  
[NASA-CASE-LAR-12458-1] p 361 N83-21503  
Aeroelastic instability stoppers for wind tunnel models p 361 N83-21503  
Aeroelastic instability stoppers for wind tunnel models [NASA-CASE-LAR-12720-1] p 361 N83-21504  
Greenland 1979 microwave remote sensing data catalog report, 14-15 October 1979 p 362 N83-21730  
[NASA-TM-84571] p 362 N83-21730  
An aerodynamic assessment of various supersonic fighter airplanes based on Soviet design concepts [NASA-TM-84647] p 315 N83-22157  
Aeropropulsive characteristics of twin single-expansion-ramp vectoring nozzles installed with forward-swept wings and canards p 316 N83-22161  
[NASA-TP-2133] p 316 N83-22161  
Experimental study of wing leading-edge devices for improved maneuver performance of a supercritical maneuvering fighter configuration p 316 N83-22162  
[NASA-TP-2125] p 316 N83-22162  
Low-speed aerodynamic characteristics of a 14-percent-thick NASA phase 2 supercritical airfoil designed for a lift coefficient of 0.7 p 317 N83-22167  
[NASA-TM-81912] p 317 N83-22167  
Flight assessment of a data-link-based navigation-guidance concept p 319 N83-22168  
[NASA-TM-84493] p 319 N83-22168  
Evaluation of g seat augmentation of fixed base/moving base simulation for transport landings under two visually imposed runway width conditions p 333 N83-22191  
[NASA-TP-2135] p 333 N83-22191  
Motion/visual cueing requirements for vortex encounters during simulated transport visual approach and landing [NASA-TP-2136] p 333 N83-22192  
Time-based self-spacing techniques using cockpit display of traffic information during approach to landing in a terminal area vectoring environment p 335 N83-22196  
[NASA-TM-84601] p 335 N83-22196  
Flutter and steady/unsteady aerodynamic characteristics of supercritical and conventional transport wings p 345 N83-22218  
Adaptive flutter suppression, analysis and test p 346 N83-22219  
Use of interactive graphics to analyze QUICK-geometry Supplement p 365 N83-23049  
[NASA-TM-83234-SUPPL] p 365 N83-23049  
Stability and control of a supersonic transport airplane during landing approach p 396 N83-23317  
[NASA-TM-84659] p 396 N83-23317  
Design and construction of 2 transonic airfoil models for tests in the NASA Langley C-3-M TCT [NASA-TM-85325] p 401 N83-23326
- Digital system upset The effects of simulated lightning-induced transients on a general-purpose microprocessor p 411 N83-24212  
[NASA-TM-84652] p 411 N83-24212  
Loads and performance data from a wind-tunnel test of model articulated helicopter rotors with 2 different blade torsional stiffnesses p 377 N83-24471  
[NASA-TM-84573] p 377 N83-24471  
Effects of twin-vertical-tail parameters on twin-engine afterbody/nozzle aerodynamic characteristics p 377 N83-24478  
[NASA-TP-2158] p 377 N83-24478  
A simulation study of crew performance in operating an advanced transport aircraft in an automated terminal area environment p 382 N83-24490  
[NASA-TM-84610] p 382 N83-24490  
Miniature electro-optical air flow sensor p 413 N83-25539  
[NASA-CASE-LAR-13065-1] p 413 N83-25539  
High Reynolds number tests of the CAST 10-2/DOA 2 airfoil in the Langley 0.3-meter transonic cryogenic tunnel, phase 1 p 424 N83-25660  
[NASA-TM-84620] p 424 N83-25660  
Effect of empennage location on twin-engine afterbody-nozzle aerodynamic characteristics at Mach Numbers from 0.6 to 1.2 p 424 N83-25666  
[NASA-TP-2116] p 424 N83-25666  
Description of the computations and pilot procedures for planning fuel-conservative descents with a small programmable calculator p 444 N83-25707  
[NASA-TM-85642] p 444 N83-25707  
Model mount system for testing flutter p 465 N83-25727  
[NASA-CASE-LAR-12950-1] p 465 N83-25727  
Some historical trends in the research and development of aircraft p 417 N83-26785  
[NASA-TM-84665] p 417 N83-26785  
Some recent applications of XTRAN3S p 426 N83-26815  
[NASA-TM-85641] p 426 N83-26815  
Effects of varying podded nacelle-nozzle installations on transonic aeropropulsive characteristics of a supersonic fighter aircraft p 427 N83-26821  
[NASA-TP-2120] p 427 N83-26821  
Determination of stability and control parameters of a general aviation airplane from flight data p 461 N83-26844  
[NASA-TM-84635] p 461 N83-26844  
Flow visualization of the wake of a transport aircraft model with lateral-control oscillations p 491 N83-27951  
[NASA-TM-84623] p 491 N83-27951  
Pseudospectral calculation of shock turbulence interactions p 491 N83-27952  
[NASA-CR-172133] p 491 N83-27952  
Factors influencing aircraft ground handling performance p 527 N83-27979  
[NASA-TM-85652] p 527 N83-27979  
Structural response of transport airplanes in crash situations p 527 N83-27980  
[NASA-TM-85654] p 527 N83-27980  
Fabrication and evaluation of brazed titanium-clad borisic/aluminum skin-stringer panels p 552 N83-28098  
[NASA-TP-1674] p 552 N83-28098  
Effects of flow separation and cove leakage on pressure and heat transfer distributions along a wing-cove-elevon configuration at Mach 6.9 p 561 N83-28378  
[NASA-TP-2127] p 561 N83-28378  
Propeller noise prediction p 571 N83-28984  
[NASA-TM-85636] p 571 N83-28984  
Historical development of worldwide supersonic aircraft p 573 N83-29170  
[NASA-TM-85637] p 573 N83-29170  
Extended moment arm anti spin device p 505 N83-29173  
[NASA-CASE-LAR-12979-1] p 505 N83-29173  
Wind-tunnel investigation of aerodynamic loading on a 0.237-scale model of a remotely piloted research vehicle with a thick, high-aspect-ratio supercritical wing p 506 N83-29176  
[NASA-TM-84614] p 506 N83-29176  
Magnetic suspension and balance systems, a selected, annotated bibliography p 549 N83-29273  
[NASA-TM-84661] p 549 N83-29273  
CAD of control systems Application of nonlinear programming to a linear quadratic formulation p 562 N83-29448  
[NASA-CR-172151] p 562 N83-29448  
Ground test experience with large composite structures for commercial transports p 564 N83-29732  
[NASA-TM-84627] p 564 N83-29732  
Advanced structures technology and aircraft safety p 564 N83-29733  
[NASA-TM-85664] p 564 N83-29733  
Design and experimental results for a flapped natural-laminar flow airfoil for general aviation applications p 581 N83-30386  
[NASA-TP-1865] p 581 N83-30386  
Interactive input for the QUICK geometry system User's manual p 582 N83-30388  
[NASA-TM-81933] p 582 N83-30388  
Experimental investigation of a 10-percent-thick helicopter rotor airfoil section designed with a viscous transonic analysis code p 582 N83-30389  
[NASA-TP-1864] p 582 N83-30389
- Low-speed aerodynamic performance of an aspect-ratio-10 supercritical-wing transport model equipped with a full-span slat and part-span and full-span double-slotted flaps p 582 N83-30390  
[NASA-TP-1805] p 582 N83-30390  
Wall-temperature effects on the aerodynamics of a hydrogen-fueled transport concept in Mach 8 blowdown and shock tunnels p 582 N83-30391  
[NASA-TP-2159] p 582 N83-30391  
NASA F-106B lightning ground tests p 586 N83-31195  
Digital system upset The effects of simulated lightning-induced transients on a general purpose microprocessor p 651 N83-31233  
Conditions conducive to lightning striking an aircraft in a thunderstorm p 588 N83-31236  
Wind-tunnel investigation of leading-edge thrust on arrow wings in supersonic flow p 583 N83-31577  
[NASA-TP-2167] p 583 N83-31577  
Service life evaluation of rigid explosive transfer lines p 608 N83-31596  
[NASA-TP-2143] p 608 N83-31596  
Standard tests for toughened resin composites, revised edition p 638 N83-31730  
[NASA-RP-1092-REV] p 638 N83-31730  
Structures and Dynamics Division Research and technology plans for FY 1983 and accomplishments for FY 1982 p 648 N83-32095  
[NASA-TM-85661] p 648 N83-32095  
Interior noise and vibration measurements on operational military helicopters and comparisons with various ride quality criteria p 653 N83-32518  
[NASA-TM-84664] p 653 N83-32518  
Theoretical and experimental investigation of supersonic aerodynamic characteristics of a twin-fuselage concept p 665 N83-32776  
[NASA-TP-2184] p 665 N83-32776  
Radiation of sound from unflanged cylindrical ducts p 705 N83-33591  
[NASA-CR-172171] p 705 N83-33591  
A laboratory study of the perceived benefit of additional noise attenuation by houses p 706 N83-33682  
[NASA-TM-85647] p 706 N83-33682  
Investigation of jet-installation noise sources under static conditions p 706 N83-33684  
[NASA-TP-2181] p 706 N83-33684  
Proceedings Sixth Annual Workshop on Meteorological and Environmental Inputs to Aviation Systems p 658 N83-33827  
[NASA-CP-2274] p 658 N83-33827  
Contracts, grants and funding summary of supersonic cruise research and variable-cycle engine technology programs, 1972 - 1982 p 666 N83-33848  
[NASA-TM-85650] p 666 N83-33848  
Tabulation of recorded gust and maneuver accelerations and derived gust velocities and airplanes in the NASA VGH General Aviation Program p 669 N83-33859  
[NASA-TM-84660] p 669 N83-33859  
Numerical study of scramjet and ramjet flow fields p 685 N83-33887  
Restructurable Controls p 688 N83-33896  
[NASA-CP-2277] p 688 N83-33896  
Failure Analysis and Mechanisms of Failure of Fibrous Composite Structures p 693 N83-33957  
[NASA-CP-2278] p 693 N83-33957  
Radiant heating tests of several liquid metal heat-pipe sandwich panels p 702 N83-34226  
[NASA-TM-85669] p 702 N83-34226  
Residents' annoyance responses to aircraft noise events p 707 N83-34713  
[NASA-TP-2121] p 707 N83-34713  
Low cost fluidic sensors p 735 N83-34897  
Crash tests of three identical low-wing single engine airplane p 720 N83-34921  
[NASA-TP-2190] p 720 N83-34921  
Dual towline anti-spin device p 733 N83-34934  
[NASA-CASE-LAR-13076-1] p 733 N83-34934  
Braking and cornering studies on an air cushion landing system p 733 N83-34935  
[NASA-TP-2196] p 733 N83-34935  
Explosively activated egress area p 713 N83-35992  
[NASA-CASE-LAR-12624-1] p 713 N83-35992  
Low-speed aerodynamic characteristics of a highly swept, untwisted uncambered arrow wing p 718 N83-36000  
[NASA-TP-2176] p 718 N83-36000  
Comparison of advanced turboprop and turbofan airplanes p 733 N83-36022  
[NASA-TM-85692] p 733 N83-36022  
Effect of lead-aircraft ground-speed on self-spacing performance using a cockpit display of traffic information p 736 N83-36028  
[NASA-TP-2194] p 736 N83-36028  
Expanded operational capabilities of the Langley Mach 7 Scramjet test facility p 754 N83-36039  
[NASA-TP-2186] p 754 N83-36039
- National Aeronautics and Space Administration Lewis Research Center, Cleveland, Ohio  
Rotor wake characteristics relevant to rotor-stator interaction noise generation p 39 N83-10184  
Multifuel evaluation of rich/quench/lean combustor p 59 N83-11492



- Nonlinear structural and life analyses of a combustor liner p 65 A83-12784
- Wind tunnel measurements of blade/vane ratio and spacing effects on fan noise p 222 A83-15317
- Experimental evaluation of shockless supercritical airfoils in cascade [AIAA PAPER 83-0003] p 129 A83-16455
- Influence of multiloblet size distribution on icing collection efficiency [AIAA PAPER 83-0110] p 188 A83-16526
- NASA Lewis Research Center's program on icing research [AIAA PAPER 83-0204] p 127 A83-16582
- Small gas turbine combustor study - Combustor liner evaluation [AIAA PAPER 83-0337] p 161 A83-16663
- Fiberoptics technology and its application to propulsion control systems [AIAA PAPER 83-0534] p 158 A83-16772
- Scale model performance test investigation of mixed flow exhaust systems for an energy efficient engine /E3/ propulsion system [AIAA PAPER 83-0541] p 161 A83-16776
- Flight evaluation of modifications to a digital electronic engine control system in an F-15 airplane [AIAA PAPER 83-0537] p 163 A83-19593
- A remote augmentor lift system with a turbine bypass engine p 163 A83-19595
- Effect of broad properties fuel on injector performance in a reverse flow combustor [AIAA PAPER 83-0154] p 210 A83-21079
- An analytical and experimental comparison of the flow field of an advanced swept turboprop [AIAA PAPER 83-0189] p 189 A83-21080
- Conventional profile coaxial jet noise prediction p 237 A83-22128
- Advances in high-speed rolling-element bearings p 231 A83-22319
- Fiber optics for aircraft engine/inlet control p 211 A83-22494
- Effect of variable guide vanes on the performance of a high-bypass turbofan engine p 274 A83-24028
- NASA clean catalytic combustor program [ASME PAPER 82-JPGC-GT-11] p 295 A83-25269
- Farfield inflight measurements of high-speed turboprop noise [AIAA PAPER 83-0745] p 280 A83-25947
- Tone generation by rotor-downstream strut interaction [AIAA PAPER 83-0767] p 280 A83-25957
- Comparison of measured and predicted flight effects on high-bypass coaxial jet exhaust noise [AIAA PAPER 83-0749] p 308 A83-26450
- The influence of inlet design on the aeroacoustic performance of a JT15D turbofan engine as measured in the NASA-Ames 40 x 80 foot wind tunnel [AIAA PAPER 83-0681] p 337 A83-28006
- Application of 3-signal coherence to core noise transmission [AIAA PAPER 83-0759] p 366 A83-28021
- Zero-length inlets for subsonic V/STOL aircraft p 312 A83-29012
- Turbine blade nonlinear structural and life analysis p 337 A83-29024
- Structural tailoring of engine blades (STAEBL) [AIAA 83-0828] p 338 A83-29737
- The coupled aeroelastic response of turbomachinery blading to aerodynamic excitations [AIAA 83-0844] p 357 A83-29822
- Acoustic modal analysis of a full-scale annular combustor [AIAA PAPER 83-0760] p 481 A83-33486
- Cross spectra between temperature and pressure in a constant area duct downstream of a combustor [AIAA PAPER 83-0762] p 481 A83-33487
- New trends in combustion research for gas turbine engines p 446 A83-35806
- Design analysis of a self-acting spiral-groove ring seal for counter-rotating shafts [AIAA PAPER 83-1134] p 474 A83-36239
- The aerodynamic design and performance of the General Electric/NASA EEE fan [AIAA PAPER 83-1160] p 451 A83-36252
- Experiments in dilution jet mixing [AIAA PAPER 83-1201] p 475 A83-36277
- Application of 3D aerodynamic/combustion model to combustor primary zone study [AIAA PAPER 83-1265] p 454 A83-36318
- Ejector nozzle test results at simulated flight conditions for an advanced supersonic transport propulsion system [AIAA PAPER 83-1287] p 454 A83-36323
- NASA low-speed centrifugal compressor for fundamental research [AIAA PAPER 83-1351] p 464 A83-36353
- Three-dimensional compressible viscous analysis of mixer nozzles [AIAA PAPER 83-1401] p 422 A83-36391
- Supersonic STOVL research aircraft [SAE PAPER 821375] p 517 A83-37965
- Development and operating characteristics of an advanced two-stage combustor p 535 A83-38022
- Metal honeycomb to porous wireform substrate diffusion bond evaluation p 559 A83-39620
- The feasibility of water injection into the turbine coolant to permit gas turbine contingency power for helicopter application [ASME PAPER 83-GT-66] p 536 A83-39993
- High-temperature composites - Status and future directions p 551 A83-40129
- JT9D performance deterioration results from a simulated aerodynamic load test p 612 A83-41040
- Fatigue crack initiation and propagation in several nickel-base superalloys at 650 C p 634 A83-41199
- Experimental comparison of icing cloud instruments [AIAA PAPER 83-0026] p 585 A83-42099
- Experimental results of a deflected thrust V/STOL nozzle research program [AIAA PAPER 83-0170] p 579 A83-42100
- Aerodynamic performance of a fan stage utilizing variable inlet guide vanes (VIGV's) for thrust modulation [AIAA PAPER 83-1162] p 660 A83-45508
- Dynamic distortion in a short s-shaped subsonic diffuser with flow separation [AIAA PAPER 83-1412] p 683 A83-45515
- Low flight speed acoustic results for a supersonic inlet with auxiliary inlet doors [AIAA PAPER 83-1415] p 706 A83-45517
- Inlet-fan flow field computation [ASME PAPER 83-GT-41] p 713 A83-47901
- Power turbine dynamics - An evaluation of a shear-mounted elastomeric damper [ASME PAPER 83-GT-228] p 763 A83-48025
- Design concepts for low cost composite engine frames [AIAA PAPER 83-2445] p 745 A83-48331
- The development of a generalized advanced propeller analysis system [AIAA PAPER 83-2466] p 746 A83-49581
- Wind tunnel tests of a zero length, slotted-lip engine air inlet for a fixed nacelle V/STOL aircraft [NASA-TM-82939] p 9 N83-10019
- Further industrial tests of ceramic thermal barrier coatings [NASA TP 2057] p 42 N83-10045
- Life and reliability models for helicopter transmissions [NASA-TM-82976] p 67 N83-10425
- Multifuel evaluation of rich/quench/lean combustor [NASA-TM-82986] p 69 N83-10559
- Utilizing numerical techniques in turbofan inlet acoustic suppressor design [NASA-TM-82994] p 73 N83-10885
- Performance of a tandem-rotor/tandem-stator conical-flow compressor designed for a pressure ratio of 3 [NASA-TP 2034] p 10 N83-11058
- Analytical and experimental investigation of stator endwall contouring in a small axial-flow turbine 1 Stator performance [NASA-TP-2023] p 43 N83-11125
- Army/NASA small turboshaft engine digital controls research program [NASA-TM-82979] p 44 N83-11128
- Technology and benefits of aircraft counter rotation propellers [NASA-TM-82983] p 44 N83-11129
- Experimental program for the evaluation of turbofan/turboshaft conversion technology [NASA-TM-82988] p 44 N83-11130
- Fluid Dynamics Panel Symposium on Aerodynamics of Power Plant Installation [AGARD-AR-173] p 45 N83-11138
- COSAM (Conservation Of Strategic Aerospace Materials) program overview [NASA-TM-83006] p 61 N83-11282
- Recent trends in aviation turbine fuel properties [NASA-TP 2056] p 61 N83-11340
- Bending-torsion flutter of a highly swept advanced turboprop [NASA-TM-82975] p 68 N83-11514
- Noise of the 10-bladed, 40 deg swept SR-6 propeller in a wind tunnel [NASA-TM-82950] p 74 N83-11840
- A remote augmentor lift system with a turbine bypass engine [NASA-TM-82932] p 200 N83-12087
- Advanced technologies for turbomachinery systems An overview [NASA-TM-82949] p 201 N83-12090
- Rotorcraft convertible engines for the 1980s [NASA-TM-83008] p 201 N83-12091
- QCSEE under-the-wing engine-wing-flap aerodynamic profile characteristics [NASA-TM-82890] p 201 N83-12092
- Polymer matrix composites research at NASA Lewis Research Center p 210 N83-12151
- Research on ultra-high-temperature materials, monolithic ceramics, ceramic matrix composites and carbon/carbon composites p 211 N83-12161
- Turbine engine materials durability research p 202 N83-12163
- Tribology p 215 N83-12167
- Ferrographic and spectrometer oil analysis from a failed gas turbine engine [NASA-TM-82956] p 218 N83-12433
- Large displacements and stability analysis of nonlinear propeller structures p 218 N83-12460
- Correlation of core noise obtained by three signal coherence techniques [NASA-TM-83012] p 222 N83-12966
- Effect of broad properties fuel on injector performance in a reverse flow combustor [NASA-TM-83013] p 202 N83-13101
- Recent results about fan noise Its generation, radiation and suppression [NASA-TM-83002] p 224 N83-13939
- An analytical and experimental comparison of the flow field of an advanced swept turboprop [NASA-TM-83037] p 128 N83-14061
- NASA Lewis Research Center's Program on Icing Research [NASA-TM-83031] p 139 N83-14078
- Uniform engine testing program Phase 1 NASA Lewis Research Center participation [NASA-TM-82978] p 163 N83-14126
- Analytical calculation of a single jet in crossflow and comparison with experiment [NASA-TM-83027] p 163 N83-14127
- Tip cap for a rotor blade [NASA-CASE-LEW-13654-1] p 164 N83-14129
- Measured and calculated wall temperatures on air-cooled turbine vanes with boundary layer transition [NASA-TM-83030] p 183 N83-14432
- Measurements of self-excited rotor-blade vibrations using optical displacements [NASA-TM-82953] p 183 N83-14523
- Research and technology, Lewis Research Center [NASA-TM-83038] p 191 N83-15169
- Fiberoptics technology and its application to propulsion control systems [NASA-TM-83009] p 159 N83-15302
- Effect of steady-state pressure distortion on inlet flow to a high-bypass-ratio turbofan engine [NASA-TM-82964] p 166 N83-15306
- Feasibility of water injection into the turbine coolant to permit gas turbine contingency power for helicopter application [NASA-TM-83043] p 166 N83-15307
- PMR polyimide composites for aerospace applications [NASA-TM-83047] p 178 N83-15364
- Evaluation of ultraviolet spectrophotometry for simultaneous analysis of alkylbenzenes, alkylanthracenes, alkylanthracenes/phenanthrenes and total aromatics in mid-distillate fuels [NASA-TM-83032] p 179 N83-15483
- Lubricant effects on efficiency of a helicopter transmission p 185 N83-15523
- Experimental and analytical determination of gear tooth temperatures with oil jet lubrication p 185 N83-15530
- Rotorcraft Instability Problems in High-Performance Turbomachinery [NASA-CP-2250] p 186 N83-15629
- Experiments on high bypass internal mixer nozzle jet noise [NASA-TM-83020] p 191 N83-16152
- Analysis of a MIL-L-27502 lubricant from a gas-turbine engine test by size-exclusion chromatography [NASA-TP-2063] p 226 N83-16528
- Rolling-element fatigue life of AMS 5900 balls [NASA-TP 2080] p 232 N83-16758
- Turboprop blade stresses induced by the flow distortion of a VTOL inlet at high angles of attack [NASA-TM-82963] p 194 N83-17509
- Aerodynamic effect of a honeycomb rotor tip shroud on a 50 8-centimeter-tip-diameter core turbine [NASA-TP-2112] p 215 N83-17547
- Coating with overlay metallic-cermet alloy systems [NASA-CASE-LEW-13639-2] p 227 N83-17683
- Aircraft turbofan noise [NASA-TM-83317] p 239 N83-18405
- Small gas turbine combustor study - Combustor liner evaluation [NASA-TM-83028] p 282 N83-18725
- BASIC Data Manipulation And Display System (BDMADS) [NASA-TM-83328] p 305 N83-19496
- Tone generation by rotor-downstream strut interaction [NASA-TM-83330] p 283 N83-19754
- Fuels research studies at NASA Lewis [NASA-TM-83003] p 297 N83-19921

Advanced Power Transmission Technology [NASA-CP-2210] p 302 N83-20119  
 NASA helicopter transmission system technology program p 302 N83-20120  
 Large-bore tapered-roller bearing performance and endurance to 2.4 million DN p 303 N83-20134  
 New trends in combustion research for gas turbine engines [NASA-TM-83338] p 338 N83-20947  
 Farfield inflight measurement of high-speed turboprop noise [NASA-TM-83327] p 367 N83-21895  
 New test techniques and analytical procedures for understanding the behavior of advanced propellers [NASA-TM-83360] p 311 N83-22092  
 Experimental investigation of a two-dimensional shock-turbulent boundary layer interaction with bleed [NASA-TM-83057] p 339 N83-22200  
 Aviation Gasolines and Future Alternatives [NASA-CP-2267] p 352 N83-22442  
 Aviation energy and the future of the recreational use of sport and general aviation aircraft p 352 N83-22444  
 Industry's assessment of the number of airplanes in the general aviation fleet along with their hours flown and fuel consumption data powered by what type of engines, when and for what reasons, through the year 2000 p 352 N83-22445  
 Fuel supply and distribution Fixed base operation p 353 N83-22449  
 An overview of general aviation propulsion research programs at NASA Lewis Research Center p 340 N83-22456  
 General Aviation Turbine Engine (GATE) overview p 340 N83-22457  
 Noise of the 10-bladed 60 deg swept SR-5 propeller in a wind tunnel [NASA-TM-83054] p 367 N83-23112  
 Application of 3-signal coherence to core noise transmission [NASA-TM-83333] p 367 N83-23114  
 Comparison of measured and predicted flight effects on high-bypass coaxial jet exhaust noise [NASA-TM-83347] p 368 N83-23115  
 Design analysis of a self-acting spiral-groove ring seal for counter-rotating shafts [NASA-TM-83346] p 393 N83-23306  
 A preliminary comparison between the SR-6 propeller noise in flight and in a wind tunnel [NASA-TM-83341] p 412 N83-24287  
 Effects of interstage diffuser flow distortion on the performance of a 15 41-centimeter tip diameter axial power turbine [NASA-TM-83359] p 394 N83-24505  
 Opportunities for research in aerothermodynamics [NASA-TM-83348] p 394 N83-24506  
 Particle sizing by measurement of forward-scattered light at two angles [NASA-TP-2156] p 395 N83-24509  
 Advanced electrical power system technology for the all electric aircraft [NASA-TM-83390] p 407 N83-24764  
 Analysis of strain gage reliability in F 100 jet engine testing at NASA Lewis Research Center [NASA-TM-83325] p 408 N83-24829  
 NASA transmission research and its probable effects on helicopter transmission design [NASA-TM-83389] p 408 N83-24858  
 Acoustical modal analysis of the pressure field in the tailpipe of a turbofan engine [NASA-TM-83387] p 412 N83-25499  
 Experimental results of a deflected thrust V/STOL nozzle research program [NASA-TM-83069] p 423 N83-25657  
 NASA low speed centrifugal compressor for fundamental research [NASA-TM-83398] p 424 N83-25662  
 NASA propulsion controls research [NASA-TM-83343] p 458 N83-25711  
 Design analysis of a self-acting spiral-groove ring seal for counter rotating shafts [NASA-TP-2142] p 458 N83-25712  
 Evaluation of low-cost aluminum composites for aircraft engine structural applications [NASA-TM-83357] p 470 N83-25790  
 A compact inflow control device for simulating flight fan noise [NASA-TM-83349] p 482 N83-26643  
 Dynamic distortion in a short s-shaped subsonic diffuser with flow separation [NASA-TM-83412] p 459 N83-26838  
 Thrust performance of a variable-geometry, divergent exhaust nozzle on a turbojet engine at altitude [NASA-TP-2171] p 459 N83-26839

JT150 1/2-scale nozzle jet noise experiment and comparison with prediction [NASA-TM-83370] p 482 N83-27793  
 Low flight speed acoustic results for a supersonic inlet with auxiliary inlet doors [NASA-TM-83411] p 482 N83-27794  
 Aerodynamic performance of a fan stage utilizing Variable Inlet Guide Vanes (VIGVs) for thrust modulation [NASA-TM-83438] p 504 N83-27957  
 A survey of inlet/engine distortion compatibility [NASA-TM-83421] p 536 N83-27991  
 Low speed performance of a supersonic axisymmetric mixed compression inlet with auxiliary inlets [NASA-TM-83435] p 536 N83-27992  
 Advantage of resonant power conversion in aerospace applications [NASA-TM-83399] p 536 N83-27994  
 A variable-geometry combustor used to study primary and secondary zone stoichiometry [NASA-TM-83372] p 537 N83-27995  
 Research on aviation fuel instability [NASA-TM-83420] p 553 N83-28255  
 Advances in traction drive technology [NASA-TM-83397] p 561 N83-28455  
 Piezoelectric deicing device [NASA-CASE-LEW-13773-1] p 528 N83-29197  
 Combustion Fundamentals Research [NASA-CP-2268] p 537 N83-29208  
 Fuel spray diagnostics p 538 N83-29212  
 Fuel vaporization effects p 553 N83-29214  
 Dilution zone mixing p 562 N83-29216  
 Analytical calculation of a single jet in cross-flow and comparison with experiment p 538 N83-29219  
 Multi-fuel rotary engine for general aviation aircraft [NASA-TM-83429] p 539 N83-29235  
 The NASA broad specification fuels combustion technology program An assessment of phase 1 test results [NASA-TM-83447] p 539 N83-29236  
 Parametric study of flame radiation characteristics of a tubular-can combustor [NASA-TM-83436] p 539 N83-29237  
 Reactions of NaCl with gaseous SO<sub>3</sub>, SO<sub>2</sub>, and O<sub>2</sub> [NASA-TM-83423] p 554 N83-29358  
 Considerations of technology transfer barriers in the modification of strategic superalloys for aircraft turbine engines [NASA-TM-83395] p 554 N83-29360  
 Design of a high-speed digital processing element for parallel simulation [NASA-TM-83373] p 563 N83-29597  
 Energy efficient engine Core engine bearings, drives and configuration Detailed design report [NASA-CR 165376] p 617 N83-30430  
 Incidence loss for fan turbine rotor blade in two-dimensional cascade [NASA-TP 2188] p 617 N83-30431  
 Air modulation apparatus [NASA-CASE-LEW-13524-1] p 645 N83-30957  
 Control means for a gas turbine engine [NASA-CASE LEW-14586-1] p 617 N83-31603  
 Silicon-slurry/aluminate coating [NASA-CASE LEW-13343] p 638 N83-31795  
 Propeller performance and weight predictions appended to the Navy/NASA engine program [NASA-TM-83458] p 684 N83-32810  
 Current and future technology in radial and axial gas turbines [NASA-TM-83414] p 684 N83-32811  
 The NASA High Accuracy Fuel Flowmeter (HAFF) development program [NASA-TM 83484] p 682 N83-33883  
 Preliminary tests of an advanced high temperature combustion system [NASA-TP 2203] p 686 N83-33893  
 A mathematical model for the doubly fed wound rotor generator [NASA-TM-83454] p 702 N83-34192  
 Evaluation of inelastic constitutive models for nonlinear structural analysis p 703 N83-34357  
 Simplified method for nonlinear structural analysis [NASA-TP-2208] p 703 N83-34372  
 Design of a microprocessor-based Control, Interface and Monitoring (CIM) unit for turbine engine controls research [NASA-TM-83433] p 712 N83-34885  
 The trend of future gas turbine technology [NASA-TM-83505] p 712 N83-34886  
 Effects of percentage of blockage and flameholder downstream counterbores on lean combustion limits of premixed, prevaporized propane-air mixture [NASA-TP-2227] p 746 N83-34941  
 Study of LH<sub>2</sub>-fueled topping cycle engine for aircraft propulsion [NASA-TM 83466] p 746 N83-34942

Effects of wind on turbofan engines in outdoor static test stands [NASA-TM-83493] p 747 N83-34945  
 Use of cooling air heat exchangers as replacements for hot section strategic materials [NASA-TM-83494] p 747 N83-34946  
 Supersonic fan engines for military aircraft [NASA-TM-83499] p 747 N83-34947  
 High-pressure flame visualization of autoignition and flashback phenomena with liquid-fuel spray [NASA-TM-83501] p 747 N83-34948  
 Vortex motion in axisymmetric piston-cylinder configurations [NASA-TM-85404] p 765 N83-35318  
 Apparatus for improving the fuel efficiency of a gas turbine engine [NASA-CASE-LEW-13142-1] p 748 N83-36029  
 Multi-fuel rotary engine for general aviation aircraft [NASA-TM-85428] p 748 N83-36031  
**National Aeronautics and Space Administration**  
**Marshall Space Flight Center, Huntsville, Ala**  
 Observations of optical lightning emissions from above thunderstorms using U-2 aircraft p 234 N83-22703  
 An analysis of spanwise gust gradient data p 565 N83-38762  
 Wakes from arrays of buildings p 558 N83-38766  
 Coherent CO<sub>2</sub> lidar systems for remote atmospheric measurements p 760 N83-47808  
 Optical observations of unidirectional solidification in microgravity [NASA-TP-2110] p 225 N83-16492  
 Summary Proceedings of a Wind Shear Workshop [NASA-CP-2270] p 410 N83-25265  
 Significant events in low-level flow conditions hazardous to aircraft [NASA-TM-82522] p 410 N83-25268  
 Preliminary science report on the directional solidification of hypereutectic cast iron during KC-135 low-G maneuvers [NASA-TM-82528] p 470 N83-25854  
 Damping seal for turbomachinery [NASA-CASE-MFS-25842-1] p 477 N83-26080  
 A conceptual framework for using Doppler radar acquired atmospheric data for flight simulation [NASA-TP 2192] p 526 N83-27977  
 Low-level gust gradient program and aviation workshop effort p 767 N83-36592  
 Feasibility study of a procedure to detect and warn of low-level wind shear p 767 N83-36593  
 Low-level flow conditions hazardous to aircraft p 767 N83-36595  
**National Aeronautics and Space Administration**  
**Pasadena Office, Calif**  
 CAT altitude avoidance system [NASA-CASE-NPO-15351-1] p 38 N83-10040  
 Centrifugal-reciprocating compressor [NASA-CASE-NPO-14597-2] p 563 N83-29708  
**National Aeronautics and Space Administration**  
**Wallops Flight Center, Wallops Island, Va**  
 Airborne dual laser excitation and mapping of phytoplankton photopigments in a Gulf Stream Warm Core Ring p 648 N83-42210  
**National Aerospace Lab., Amsterdam (Netherlands)**  
 Analysis of possible interference in radio altimeters induced by a position marker system called RASP [NLR-TR-81135-U] p 38 N83-10043  
 Handling qualities of transports with advanced flight control systems p 49 N83-10061  
 Evaluation Report AGARD Fluid Dynamics Panel Symposium on Fluid Dynamics of Jets with Application to V/STOL [AGARD-AR-187] p 67 N83-10403  
 Laser Doppler measurements in transparent pump impellers p 216 N83-12272  
 Flight test instrumentation for airline digital avionics [NLR-MP-81017-U] p 198 N83-13096  
 The digital data acquisition system for the flight testing of the Fokker F29 aircraft [NLR-MP-81019-U] p 198 N83-13097  
 Transducer selection [NLR-MP-81028-U] p 198 N83-13099  
 Instrumentation for gas turbines [NLR-MP-81016-U] p 203 N83-13106  
 Calibration facilities for flight test equipment [NLR-MP-81029-U] p 159 N83-14125  
 Predicted and measured landing gear loads for the NF-5 aircraft taxiing over a bumpy runway p 157 N83-15296  
 The on-board computer system for the F29 prototype flight test [NLR-MP-81034-U] p 209 N83-16339  
 The F29 flight test instrumentation and data processing system An overview of requirements, design and organization [NLR-MP-81035-U] p 209 N83-16340

A control model for maneuvering flight for application to a computer flight testing program  
[NLR-MP-81048-U] p 207 N83-17531

Predicted and measured landing gear loads for the NF-5 aircraft taxiing over a bumpy runway  
[NLR-MP-82008-U] p 207 N83-17532

Erosion of protective compressor coatings  
[NLR-MP-87067-U] p 228 N83-17718

Fatigue threshold and short crack significance for aircraft  
[NLR-MP-82007-U] p 234 N83-17902

Creep and fatigue interactions in a nickel base superalloy  
[NLR-MP-82003-U] p 234 N83-17903

Computers in avionics systems  
[NLR-MP-81063-U] p 236 N83-18291

Measured boundary conditions methods for 2D flow  
p 348 N83-20966

Some methods for the derivation of taxing loads for undercarriages with linear or nonlinear properties  
[NLR-TR-81110-U] p 389 N83-23297

Vertical accelerations of a large aircraft during landing and taxing  
[NLR-TR-82001-U] p 389 N83-23298

The effect of sheet thickness and laminating on the fatigue resistance of the aluminum alloy AL 7010 - T 73651  
[NLR-TR-81056-U] p 403 N83-23421

Coarsening and solutioning of precipitates in superalloys  
[NLR-TR-81114-U] p 404 N83-23422

PEANUTS - the PETW data system  
[MAW-82-009-U] p 402 N83-24519

Development of a non insulated cryogenic strain-gauge balance  
[M-TP-82-006-U] p 402 N83-24520

Deterioration in service of engine transient behaviour  
p 542 N83-29256

Interfacing the ROLM 1602B for the Metro navigation system  
[NLR-MP-81062-U] p 674 N83-32786

The analysis of load-time histories by means of counting methods  
[NLR-MP-82039-U] p 679 N83-32799

Lifetime prediction methods for corner cracks at holes  
[NLR-MP-82042-U] p 700 N83-33233

Correlation of experimental and quasi-3D theoretical airloads on the oscillating LANN supercritical wing model  
[AD-A130550] p 718 N83-36002

**National Aerospace Lab., Tokyo (Japan)**

Construction and performance of NAL two-dimensional transonic wind tunnel  
[NAL-TR-647T] p 57 N83-11146

Flow quality of NAL two-dimensional transonic wind tunnel Part 1 Mach number distributions, flow angulancies and preliminary study of side wall boundary layer suction  
[NAL-TR-693] p 179 N83-12043

Research and development of lift-jet engine, 1  
[NAL-TR-699] p 200 N83-12084

Research and development of lift jet engine, 2  
[NAL-TR-700] p 200 N83-12085

An engine installation for fan jet STOL aircraft using USB powered high lift system (I) engine matching test for circular confluent exhaust duct  
[NAL-TR-703] p 200 N83-12086

Numerical simulation of inviscid compressible flow through two-dimensional cascade by finite area method  
[NAL-TR-709] p 217 N83-12348

Flight simulation test of National Aerospace Laboratory STOL-research-aircraft Part 1 STOL configuration  
[NAL-TR-713-PT-1] p 207 N83-17528

General purpose flight simulation program (FSPK-1) Part 1 Contents of the program  
[NAL-TR-702] p 207 N83-17529

The estimation method on flutter boundary from subcritical random responses due to air turbulences Problems of test procedures and data analysis  
[NAL-TR-718] p 217 N83-17554

Calculation of damping derivatives for arbitrary 3-dimensional bodies using Newtonian impact theory  
[NAL-TR-722] p 244 N83-18660

Finite element calculations for aerodynamic coefficients of 3-dimensional body in subsonic flow using Green's function method  
[NAL-TR-724] p 244 N83-18661

Wind tunnel investigation of an upper surface blown-flap half model of the NALSTOL research aircraft  
[NAL-TR-734] p 245 N83-18674

A study of aerodynamic characteristics of wing-body combinations Part 1 Case of a mid-wing airplane  
[NAL-TR-729-PT-1] p 245 N83-18675

Numerical simulation of transonic flutter of a supercritical wing  
[NAL-TR-726T] p 288 N83-18743

Research and development of the turbofan engine (the 2nd phase, FJR 710)  
[NAL-TR 741] p 395 N83-24508

Real time digital integration and integral step size for flight control and flight simulation  
[NAL-TR-743] p 397 N83-24514

A numerical study of flow past a rotating flat plate by the discrete vortex method  
p 766 N83-38401

**National Bureau of Standards, Washington, D C**

Surface finish measurement studies  
p 292 N83-18765

Physical properties data compilations relevant to energy storage Part 5 Mechanical properties data on alloys for use in flywheels  
[PB82-232919] p 298 N83-18904

An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 1 Smoke  
[PB83-113522] p 251 N83-19727

An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 2 Rate of energy release in fire  
[PB83-113530] p 251 N83-19728

An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 4 Flammability tests  
[PB83-113548] p 251 N83-19729

An assessment of correlations between laboratory and full-scale experiments for the FAA Aircraft Fire Safety Program Part 5 Some analyses of the post crash fire scenario  
[PB83-113555] p 251 N83-19730

Assessment of correlations between laboratory and full-scale experiments for the FAA (Federal Aviation Administration) Aircraft Fire Safety Program Part 6 Reduced-scale modeling of compartments at atmosphere pressure  
[PB83-193052] p 721 N83-34927

**National Center for Atmospheric Research, Boulder, Colo**

Applications of Doppler radar to aviation operations - JAWS experiences  
[AIAA PAPER 83-0205] p 188 N83-16583

Joint Airport Weather Studies (AWS) project  
p 704 N83-33840

**National Defence Headquarters, Ottawa (Ontario)**

Throttle handling related to J85 engine performance and durability Canadian forces experience  
p 541 N83-29249

**National Engineering Lab., East Kilbride (Scotland)**

Casting critical components  
[NEL-681] p 218 N83-13294

**National Gas Turbine Establishment, Pyestock (England)**

Improvements in the dynamic simulation of gas turbines  
p 543 N83-29264

A new approach to reheat control  
p 543 N83-29268

**National Inst. for Occupational Safety and Health, Cincinnati, Ohio**

In-depth survey report of American Airlines plating facility  
[PB83-187799] p 647 N83-31916

**National Inst for Transport and Road Research, Pretoria (South Africa).**

Aircraft noise reduction  
[PB82-206095] p 194 N83-12080

**National Maritime Inst., Feltham (England).**

An investigation of flow improvement devices for reducing propeller excited vibration  
[NMI-R-157] p 702 N83-34223

**National Oceanic and Atmospheric Administration, Miami, Fla**

Description and operating procedures for the NOAA (National Oceanic and Atmospheric Administration) C-130 AWRD (Airborne Weather Reconnaissance System) system  
[PB83-197053] p 768 N83-38615

**National Physical Lab., Teddington (England).**

The effect on the measurement of aircraft noise of reflections from the ground  
[NPL-AC-102] p 653 N83-32517

**National Severe Storms Lab., Norman, Okla.**

Scanning strategies for next generation weather radars A study based on lifetimes of convective atmospheric phenomena hazardous to aviation  
[FAA-RD-82-69] p 476 N83-25929

**National Telecommunications and Information Administration, Annapolis, Md.**

Background study on efficient use of the 2700-2900 MHz band  
[PB83-214288] p 766 N83-36352

**National Telecommunications and Information Administration, Boulder, Colo**

Instrument landing system localizer receiver performance in the presence of co-channel interference  
[AD-A118909] p 188 N83-13089

**National Transportation Safety Board, Washington, D. C**

Aircraft accident report. Air Florida, Inc Boeing 737-222, N62AF collision with 14th Street Bldg, near Washington National Airport, Washington, D.C., January 13, 1982  
[PB82-910408] p 15 N83-10022

National transportation safety  
p 184 N83-13080

Aviation safety  
p 184 N83-13081

Aviation accident report. Train Air, Incorporated, Gates Learjet 24, N44CJ, Felt, Oklahoma, 1 October 1981  
[PB82-910404] p 184 N83-13082

Aircraft accident report. Sun West Airlines Flight 104, Piper PA-31-350(T-1020), N41070, Durango-LaPlata County Airport, Durango, Colorado, December 31, 1981  
[PB82-910413] p 197 N83-16309

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[PB82-910415] p 248 N83-18698

Aircraft accident report. Reeve Aleutian Airways, Nihon YS-11A, N169RV, King Salmon, Alaska, February 16, 1982  
[PB82-910414] p 249 N83-18700

Annual review of aircraft accident data, US air carriers, calendar year 1980  
[NTSB-ARC-83-01] p 409 N83-23664

Aircraft accident report. IBEX Corporation Gates Learjet 23, N1007A, Atlanta, near Savannah, Georgia, 6 May 1982  
[PB83-910401] p 430 N83-26827

Large airplane operations on contaminated runways  
[PB83-917003] p 510 N83-29189

Aircraft accident report. Coin Acceptors, Inc., Cessna model 551, Citation 2, N2CA, Mountain View, Missouri, November 18, 1982  
[PB83-910404] p 720 N83-34922

**Naval Academy, Annapolis, Md**

An experimental study of a high rotational speed propulsor  
[AD-A126060] p 539 N83-29238

**Naval Air Development Center, Warminster, Pa**

Evaluation of control and display configurations for helicopter shipboard operations  
[AIAA PAPER 83-2486] p 734 N83-48346

Status of VTOL and VSTOL flying qualities criteria development Where are we and where are we going?  
p 49 N83-10056

Preliminary development of the XV (Ex-Vee) aircrew restraint  
[AD-A118991] p 139 N83-14079

A dive performance computer program  
[AD-A119407] p 156 N83-14121

Computer program for calculation of turbojet system performance  
[AD-A120665] p 167 N83-15314

The US Navy approach to crashworthy seating systems  
p 249 N83-19438

Aircraft acceleration sensitive inertia reel lock  
[AD-A122208] p 250 N83-19723

A study of alternative aircraft for installation of the Navy standard tow target system  
[AD-A120882] p 267 N83-19742

Statistical review of counting accelerometer data for Navy and Marine fleet aircraft  
[AD-A121989] p 267 N83-19744

Application of video multiplexing to design of cockpit display systems  
[AD-A122127] p 271 N83-19752

A preliminary assessment of helicopter/VSTOL handling qualities specifications  
[AD-A124667] p 461 N83-25716

Statistical review of counting accelerometer data for Navy and Marine fleet aircraft  
[AD-A124968] p 443 N83-26834

Helicopter performance computer programs  
[AD-A124603] p 527 N83-27981

Ejection seat-mounted crewmember restraint integrated with survival vest and flotation  
[AD-A126859] p 585 N83-30399

An engineering method for estimating the aerodynamic characteristics of Circulation Control Wings (CCW)  
[AD-A126436] p 666 N83-33856

Centrifuge tests of modifications to the MA-2 aircrewman torso harness, phase 1  
[AD-A126416] p 669 N83-33860

Aircraft acceleration sensitive inertia reel lock  
[AD-A126739] p 721 N83-34924

New flight control technologies for future naval aircraft  
[AD-A128624] p 751 N83-34955

- Development of a continuous mode sequencing concept for ejection seats  
[AD-A128966] p 721 N83-36012
- Naval Air Engineering Center, Lakehurst, N.J.**  
The 60-Hz to 400-Hz electrical power conversion  
[AD-A122040] p 302 N83-20007
- Naval Air Propulsion Test Center, Trenton, N.J.**  
Rotor fragment protection program Statistics on aircraft gas turbine engine rotor failures that occurred in US commercial aviation during 1979  
[NASA-CR-168163] p 539 N83-29234
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Evaluation of control and display configurations for helicopter shipboard operations  
[AIAA PAPER 83-2486] p 734 A83-48346  
The 5th Advanced Aircrew Display Symposium Proceedings  
[AD-A126132] p 531 N83-29206
- Naval Biodynamics Lab, New Orleans, La.**  
Instrumentation requirements for assessing occupant response to three dimensional high acceleration environments  
p 302 N83-19434
- Naval Facilities Engineering Command, Alexandria, Va.**  
Airfield lighting, design manual 23 1  
[AD-A119525] p 174 N83-14141  
Helium plants and storage, design manual 24 2  
[AD-A119517] p 175 N83-14142
- Naval Ocean Research and Development Activity, Bay St. Louis, Miss.**  
A plan for optical oceanography R&D to support MC&G  
[AD-A126215] p 567 N83-29955
- Naval Postgraduate School, Monterey, Calif.**  
A sensitivity analysis of the Kalman filter as applied to an inertial navigation system  
[AD-A119623] p 147 N83-14101  
HP-41CV Flight Performance Advisory System (FPAS) for the E-2C, E-2B and C-2A aircraft  
[AD-A119580] p 156 N83-14118  
Dynamic stability of flight vehicles  
[AD-A119637] p 170 N83-14137  
Atmospheric effects on ultra high frequency radio propagation  
[AD-A119581] p 183 N83-14388  
Experimental investigation of thrust augmenting ejectors using vane excited primary jets  
[AD-A120424] p 167 N83-15313  
Evaluation of helicopter pilot's attitude control using a simulated head-up display in a simulated helicopter cockpit  
[AD-A119570] p 219 N83-16355  
An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications  
[AD-A121228] p 215 N83-17549  
US Navy helicopters in combat search and rescue  
[AD-A122451] p 333 N83-22195  
Flow control about an airborne laser turret  
[AD-A123056] p 407 N83-23595  
SH-3 helicopter/Global Positioning System integration analysis  
[AD-A125005] p 432 N83-25691  
Automatic control and data acquisition system for combustion laboratory applications  
[AD-A125195] p 470 N83-25829  
Finite element program for calculating flows in turbomachines with results for NASA task-1 compressor  
[AD-A124987] p 460 N83-26841  
An investigation of the effectiveness of smoke suppressant fuel additives for turbojet applications  
[AD-A125025] p 471 N83-27034  
Hand-held computer programs for preliminary helicopter design  
[AD-A125038] p 481 N83-27624  
Application of additional secondary factors to LORAN-C positions for hydrographic operations  
[AD-A125620] p 514 N83-27972  
Effects of wind on the aircraft optimum cruise performance and flight performance advisory systems for F-4E and F-5E aircraft  
[AD-A125587] p 527 N83-27984  
Calculation of the longitudinal stability derivatives and modes of motion for helicopter aircraft  
[AD-A125593] p 546 N83-28000  
Positioning of jamming aircraft using the integrated refractive effects prediction system  
[AD-A125644] p 560 N83-28308  
Evaluation of the performance and flow in an axial compressor  
[AD-A125619] p 561 N83-28387  
Economic effects of noise abatement regulations on the helicopter industry  
[AD-A127331] p 576 N83-30356  
An experimental investigation of the combustion behavior of solid fuel ramjets  
[AD-A127165] p 637 N83-30555
- Expansion of the scan endgame program for aircraft survivability studies and development of a supporting user's guide  
[AD-A127557] p 608 N83-31598  
Computer program analysis of helicopter weight estimate relationships utilizing parametric equations  
[AD-A128590] p 608 N83-31600  
The impact of reliability improvement warranties on naval aviation maintenance at the fleet level  
[AD-A126810] p 658 N83-33841  
A comparison of audio, visual and tactile warning devices in a simulated flight environment  
[AD-A128200] p 669 N83-33862  
Characteristics of a fluted nozzle gas ejector system  
[AD-A128065] p 702 N83-34241  
Graphic enhancement of the Aircraft Penetration Model for use as an analytic tool  
[AD-A128226] p 733 N83-34936  
Guide for conceptual helicopter design  
[AD-A128974] p 734 N83-36024
- Naval Research Lab, Washington, D. C.**  
The effect of additives on the aerosolization of JP-5 jet fuel  
[AD-A119324] p 178 N83-14294  
Interface specifications for the A-7E shared services module  
[AD-A118897] p 189 N83-14954  
The A-7E software requirements document. Three years of change data  
[AD-A121602] p 237 N83-18322  
Crab angle estimation with two dimensional cross correlations and centroids  
[AD-A122872] p 382 N83-23289  
Numerical simulation for droplet combustion using Lagrangian hydrodynamics  
p 537 N83-29210  
Hot corrosion in gas turbines  
[AD-A127425] p 617 N83-30433  
Electrostatic theory applied to helicopter discharging  
p 587 N83-31210  
CB agent threat to atmosphere inside Navy aircraft  
[AD-A127882] p 589 N83-31587
- Naval Ship Research and Development Center, Bethesda, Md.**  
Wind tunnel investigation of cargo extraction parachutes in the wake of a Lockheed C-141B Starlifter aircraft  
[AD-A124523] p 425 N83-25675  
Short takeoff performance using a gravity assist ski jump  
[AD-A126456] p 679 N83-33879
- Naval Submarine Medical Research Lab, Groton, Conn.**  
Desirable characteristics of underwater lights for helicopter escape hatches  
[AD-A120331] p 197 N83-16310  
Desirable characteristics of underwater lights for helicopter escape hatches  
[AD-A120510] p 198 N83-16312
- Naval Surface Weapons Center, White Oak, Md.**  
Polyurethane foams for aircraft shock mounts 4 Other polyols  
[AD-A119399] p 178 N83-14287
- Naval Test Pilot School, Patuxent River, Md.**  
Fixed wing stability and control theory and flight test techniques Revision  
[AD-A124610] p 546 N83-27999
- Naval Training Equipment Center, Orlando, Fla.**  
A visual technology research simulator for Vertical Take Off and Landing (VTOL)  
[AD-A115626] p 207 N83-12103  
Helmet mounted display feasibility model Optical design  
[AD-A119191] p 159 N83-14124  
Helmet mounted feasibility model  
[AD-A128150] p 736 N83-34940
- Naval Weapons Center, China Lake, Calif.**  
Operational flight program development with a higher order language  
p 363 N83-22125  
Validation of software for integration of missiles with aircraft systems  
p 364 N83-22140
- Nielsen Engineering and Research, Inc., Mountain View, Calif.**  
Blade erosion effects on aircraft-engine compressor performance  
[DE82-021791] p 213 N83-16346  
Development of a procedure for calculating the effects of airfoil erosion on aircraft engine compressor performance  
p 213 N83-17457  
A numerical study of Strake aerodynamics  
[AD-A125882] p 506 N83-29182
- Nevada Univ., Reno**  
Computations and turbulent flow modeling in support of helicopter rotor technology  
[NASA-CR-169927] p 244 N83-18662
- New Mexico Inst. of Mining and Technology, Socorro**  
Observations of optical lightning emissions from above thunderstorms using U-2 aircraft  
p 234 A83-22703
- New Mexico Univ., Albuquerque**  
Soft airfield test with F-4 aircraft  
[AD-A125393] p 548 N83-28008
- New York Univ., New York.**  
Computational fluid dynamics of airfoils and wings  
p 313 A83-29927
- Nielsen Engineering and Research, Inc., Mountain View, Calif.**  
Wing-alone aerodynamic characteristics to high angles of attack at subsonic and transonic speeds  
[AD-A125764] p 504 N83-27963
- North Carolina Agricultural and Technical State Univ., Greensboro**  
Impact-initiated damage in laminated composites  
[AD-A122166] p 297 N83-19820
- North Carolina State Univ., Raleigh**  
An experimental study of supersonic jet shock-associated noise  
[AIAA PAPER 83-0708] p 307 A83-25924  
Aerodynamic considerations for continuous patrol/high altitude surveillance platforms  
[AIAA 83-0924] p 329 A83-29850  
A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 1  
[NASA-CR-159379] p 191 N83-16288  
A study of optimum cowl shapes and flow port locations for minimum drag with effective engine cooling, volume 2  
[NASA-CR-159380] p 191 N83-16289  
A study of real-time computer graphic display technology for aeronautical applications  
[NASA-CR-169828] p 236 N83-18307  
Subsonic balance and pressure investigation of a 60 deg delta wing with leading edge devices  
[NASA-CR-165923] p 246 N83-19714  
Subcritical flutter testing using the feedback system approach  
p 629 N83-30718
- Northrop Corp., Hawthorne, Calif.**  
Airframe effects on a top-mounted fighter inlet system  
p 177 A83-13166  
Demonstration of repairability and repair quality on graphite/epoxy structural subelements  
p 186 A83-20485  
Subsonic/supersonic aeropropulsive characteristics of nonaxisymmetric nozzles installed on an F-18 model  
p 744 A83-48215  
Evaluation of a damage accumulation monitoring system as an individual aircraft tracking concept  
[AD-A118768] p 193 N83-12076  
Modern fighter aircraft design for high-angle-of-attack maneuvering  
p 245 N83-18687  
Development and application of digital control for tactical aircraft flutter suppression  
p 343 N83-22108
- Northwest Airlines, Inc., Minneapolis, Minn.**  
Fuel conservation techniques in jet transport aircraft operations  
p 198 N83-17463
- Northwestern Univ., Evanston, Ill.**  
A reappraisal of transport aircraft needs 1985 - 2000  
Perceptions of airline management in a changing economic, regulatory, and technological environment  
[NASA-CR-165887] p 249 N83-18701
- Notre Dame Univ., Ind.**  
Nonlinear multivariable design by total synthesis  
p 531 A83-37092  
Controller scheduling - A possible algebraic viewpoint  
p 567 A83-37093  
A study of analytic modeling techniques for landing gear dynamics  
[AD-A122312] p 267 N83-19745  
Alternatives for jet engine control  
[NASA-CR-170100] p 338 N83-20945  
Numerical calculations of turbulent buoyant flow in aircraft cabins  
[FAA-CT-82-61] p 319 N83-22170  
Alternatives for jet engine control  
[NASA-CR-170233] p 393 N83-23305

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- Oak Ridge National Lab, Tenn.**  
Heat-activated heat-pump development and potential application of Stirling-engine technology  
[DE83-002134] p 363 N83-22817
- Office National d'Etudes et de Recherches Aeronautiques, Paris (France).**  
Improving calculations of wall effects in industrial wind tunnels at ONERA  
p 348 N83-20968  
Use of adaptive walls in 2D tests  
p 349 N83-20970  
Designing improved tracking regulators for piloting highly maneuverable aircraft  
p 342 N83-22095  
Test facility for basic research on distortion  
p 542 N83-29258

## P

Ground/flight correlation on the Alpha-Jet experimental aircraft with a transonic wing. A comparison of the wing pressure distribution and local wake survey from analytical, wind tunnel and flight results p 603 N83-30362

#### Office National d'Etudes et de Recherches Aérospatiales, Paris (France).

Finite difference modeling of rotor flows including wake effects [ONERA, TP NO 1982-114] p 243 A83-24326  
Flow visualization techniques for the study of high incidence aerodynamics p 245 N83-18686

#### Office National d'Etudes et de Recherches Aérospatiales, Paris (France).

Measurement techniques in turbomachines, ultrathin transducers applied to measurements in turbomachines p 216 N83-12273  
Adaptation of laser velocimeters to various applications p 218 N83-12410  
Studies of aerofoils and blade tips for helicopters p 193 N83-17473

Aeroelastic equilibrium of an helicopter rotor with nonlinear aerodynamic forces p 235 N83-17482  
Activities report of the French aerospace and research industry p 221 N83-17564

#### Office National d'Etudes et de Recherches Aérospatiales, Toulouse (France).

Problems involved by the instrumentation and the conception of cryogenic tests p 465 N83-25725  
Studies on the cryogenic induction driven wind-tunnel T2 p 548 N83-28004

The modern concept of acceleration control  
Introduction to optimal command in a handling by objective structure p 543 N83-29267

#### Office of Air Force History, Washington, D C

Development and employment of fixed-wing gunships, 1962 - 1972 [AD-A122538] p 331 N83-20935

#### Office of Science and Technology, Washington, D C

Aeronautical research and technology policy Volume 1 Summary report p 187 N83-17452  
Aeronautical research and technology policy, volume 2 p 372 N83-23268

#### Office of Technical Services, Washington, D C

Impact of advanced air transport technology Part 4 Financing and program alternatives for advanced high-speed aircraft [PB83-110585] p 251 N83-19731

#### Office of Technology Assessment, Washington, D C

Airport and air traffic control system [PB82-207606] p 27 N83-10033  
Impact of advanced air transport technology Part 2 The air cargo system, background paper [PB82-186818] p 221 N83-12919

Impact of advanced transport technology Part 3 Air service to small communities [PB82-186800] p 221 N83-12920

Review of the FAA 1982 National Airspace System Plan [PB83-102772] p 293 N83-19764

#### Ohio State Univ., Columbus.

A similarity analysis of the droplet trajectory equation p 212 A83-13133

An analytical evaluation of the icing properties of several low and medium speed airfoils [AIAA PAPER 83-0109] p 131 A83-16525

Marching grid generation using parabolic partial differential equations p 569 A83-38810  
Flight investigation of natural laminar flow on the Bellanca Skyrocket II [SAE PAPER 830717] p 599 A83-43326

Analysis of airborne antenna patterns [NASA-CR-169448] p 66 N83-10323

An investigation of the aerodynamic characteristics of a new general aviation airfoil in flight [NASA-CR-169477] p 179 N83-12046

Relationship between the adaptive performance of antenna arrays and their underlying electromagnetic characteristics p 219 N83-13324

Wind tunnel evaluation of air-foil performance using simulated ice shapes [NASA-CR-167960] p 138 N83-15265

An algorithm to select element locations of an adaptive array [AD-A120486] p 186 N83-15570

Statistical summary Study to determine the IFR operational profile of the general aviation single pilot [NASA-CR-165805] p 198 N83-17523

Study to determine the IFR operational profile and problems of the general aviation single pilot [NASA-CR-3576] p 249 N83-18699

Transient heat flow along uni-directional fibers in composites [AD-A122926] p 471 N83-26929

Jam resistant communications systems techniques [AD-A126217] p 563 N83-29579

#### Near field analysis of airborne antenna

[AD-A127246] p 648 N83-31931

Transonic interference effects in testing of oscillating airfoils p 662 N83-32746  
A summary and integration of research concerning single pilot IFR operational problems [NASA-CR-3716] p 668 N83-32783

Heat transfer on three turbine airfoils [AD-A128762] p 747 N83-34950

#### Ohio Univ., Athens.

Performance tests results of automatic direction finder receiver interference susceptibility [AD-A118438] p 28 N83-11109

The effects of precipitation static and lightning on the airborne reception of Loran-C Volume 1 Analysis [DOT/FAA/RD-82/45-1] p 217 N83-12299

Enhanced character sizes for the VDM-1 video display board [NASA-CR-169692] p 147 N83-15275

A RF front end interface and AGC modification [NASA-CR-169691] p 147 N83-15276  
A microcomputer-based position updating system for general aviation utilizing Loran-C [NASA-CR-169722] p 148 N83-15277

Cockpit weather radar display demonstrator and ground-to-air sciences telemetry system [NASA-CR-169830] p 210 N83-17534

An experimental investigation of the efficacy of automated weather data transmission to aircraft in flight [FAA-PM-83-11] p 390 N83-23302

#### Oklahoma State Univ., Stillwater

An analytical pilot rating method for highly elastic aircraft p 203 A83-14843

The performance of an annular vane swirler [AIAA PAPER 83-1326] p 455 A83-36340

Turbulent combustor flowfield investigation p 538 N83-29220

#### Old Dominion Univ., Norfolk, Va

Computational technique for three-dimensional compressible flow past wings at high angles of attack [AIAA PAPER 83-2078] p 578 A83-41912

Study of highly sweptback wings by the free vortex sheet method [NASA-CR-169559] p 181 N83-13076

Flutter A finite element program for aerodynamic instability analysis of general shells of revolution with thermal prestress [NASA-CR-170013] p 288 N83-19756

Inherent spiral stability in a fixed wing aircraft by means of a simplified pneumatic wing tip control system [NASA-CR-170207] p 344 N83-22206

Experimental and analytical studies of a true airspeed sensor [NASA-CR-165704] p 530 N83-27989

Numerical optimization techniques for bound circulation distribution for minimum induced drag of Nonplanar wings Computer program documentation [NASA-CR-3458] p 581 N83-30385

Linearized potential solution for an airfoil in nonuniform parallel streams [NASA-CR-173047] p 665 N83-33843

Longitudinal aerodynamic characteristics of a wing-winglet model designed at M = 0.8, C sub L = 0.4 using linear aerodynamic theory [NASA-CR-172188] p 666 N83-33854

#### Operations Research, Inc., Silver Spring, Md

Second National Conference on General Aviation Airport Noise and Land Use Planning Summary of proceedings [PB82-218520] p 69 N83-11628

Aircraft flight procedure program Data base development [PB82-183740] p 175 N83-12040

Aircraft flight procedure program Modified computer program model, user's manual [PB82-183757] p 176 N83-12041

Government financial support for civil aircraft research, technology and development in four European countries and the United States [NASA-CR-169537] p 225 N83-14022

Airport community soundproofing and relocation study [PB82-259144] p 220 N83-16358

Research and technology program perspectives for general aviation and commuter aircraft [NASA-CR-169875] p 187 N83-17454

#### Oregon State Univ., Corvallis.

An aeroelastic analysis of the Darnes wind turbine p 220 N83-13476

#### Oxford Univ. (England).

Heat transfer rate to blade profiles Theory and measurement in transient facilities p 283 N83-18740

Temperature response of a model to set-point changes and conditioning in ETW p 465 N83-25721

The TOPSY guide Transient tunnel operating, data acquisition and processing system User's and programmer's guides [OUEL-1462/83] p 632 N83-31610

#### Pacific Gas and Electric Co., San Francisco, Calif

Development of the utilization of combustible gas produced in existing sanitary landfills Effects of corrosion at the Mountain View, California landfill gas-recovery plant [DE83-001576] p 363 N83-22769

#### Pacific Missile Test Center, Point Mugu, Calif

Random impact vibration testator p 66 N83-10234  
Parameters for design of reverberant acoustic chambers for testing air-carried missiles p 73 N83-10235

#### Pacific Northwest Lab., Richland, Wash.

Sputtered ceramic coatings and sealing layers [DE82-005225] p 226 N83-16531  
Composite design of an advanced airborne monitoring system [DE82-006980] p 235 N83-18106

#### Pallen-Johnson Associates, Inc., McLean, Va.

Failure Modes, Effects and Criticality Analysis (FMECA) of type AN/GRN-27 (V) instrument landing system with traveling-wave localizer antenna [DOT/FAA/PM-83/18] p 382 N83-24492

#### Peat, Marwick, Mitchell and Co., San Francisco, Calif

Aircraft towing feasibility study p 207 N83-17458

#### Pennsylvania State Univ., University Park.

Blade loading and rotation effects on compressor rotor wake near end walls p 190 A83-22138  
Aircraft trajectories for reduced noise impact p 667 A83-43971

#### Performance Measurement Associates, Inc., Vienna, Va

Efficiency improved turboprop [AD-A118819] p 202 N83-12096  
End wall flow characteristics and overall performance of an axial flow compressor stage [NASA-CR-36711] p 427 N83-26819

Investigation of the coupling of unsteady lift to low order acoustic duct modes in an axial flow fan [AD-A124819] p 483 N83-27796

Structure of evaporating and combusting sprays Measurements and predictions p 538 N83-29211  
Rotor noise due to blade-turbulence interaction [AD-A129757] p 770 N83-36851

#### Perceptronics, Inc., Woodland Hills, Calif

Analysis and modeling of information handling tasks in supervisory control of advanced aircraft [AD-A119067] p 205 N83-13116

Issues in the evaluation of 3-D display applications p 309 N83-20699

#### Performance Measurement Associates, Inc., Vienna, Va

Performance measures for aircraft carrier landings as a function of aircraft dynamics [AD-A120473] p 206 N83-16334

#### Phillips Petroleum Co., Bartlesville, Okla

Manufacturing comparisons of aviation and motor gasolines p 352 N83-22448

#### Physics Lab RVO-TNO, The Hague (Netherlands)

Measuring target position with the FUCAS phased-array radar system [PHL-1982-64] p 560 N83-28317

#### Plasecki Aircraft Corp., Philadelphia, Pa

Hybrid LTA vehicle controllability as affected by buoyancy ratio [NASA-CR-152344] p 204 N83-12099

#### Pisa Univ. (Italy).

Application of dynamic gas bearings to cryogenic compressors and turbines p 185 N83-15540  
The fatigue crack growth under variable amplitude loading in built-up structures [AD-A119764] p 187 N83-15676

Rotor-fuselage interference on engine internal aerodynamics in maneuvering high-speed rotorcraft p 193 N83-17480

#### Polish Academy of Sciences, Warsaw

Department of Aeroacoustics p 706 N83-32980

#### Portuguese Air Force, Alfragide.

Air traffic services in Portugal Civil-military coordination aspects p 325 N83-22183

#### Pratt and Whitney Aircraft, East Hartford, Conn.

Recent developments in high temperature coatings for gas turbine airfoils p 634 A83-42254  
Increasing the wear life of gas turbine engine roller bearings p 184 N83-15507

#### Pratt and Whitney Aircraft, West Palm Beach, Fla.

Designing for fighter engine transients p 540 N83-29243  
Designing for stability in advanced turbine engines p 543 N83-29268

Evaluation of synthetic-fuel character effects on rich-lean stationary gas-turbine combustion systems Volume 2 Full-scale test program [DE83-902337] p 694 N83-34067

#### Pratt and Whitney Aircraft Group, East Hartford, Conn.

Nonlinear structural and life analyses of a combustor liner p 65 A83-12764

- Assessment of inflow control structure effectiveness and design system development p 189 A83-13161
- Structural tailoring of engine blades (STAEBl) [AIAA 83-0828] p 338 A83-29737
- Ejector nozzle test results at simulated flight conditions for an advanced supersonic transport propulsion system [AIAA PAPER 83-1287] p 454 A83-36323
- Development and operating characteristics of an advanced two-stage combustor p 535 A83-38022
- Development of advanced high-temperature heat flux sensors [NASA-CR-165618] p 42 N83-10044
- Energy efficient high-pressure turbine leakage technology report [NASA-CR-165202] p 165 N83-15304
- JT90 ceramic outer air seal system refinement program, phase 2 [NASA-CR-167962] p 165 N83-15305
- The JT8D and JT9D engine component improvement Performance improvement program [NASA-CR-167965] p 214 N83-17543
- The JT9D Jet Engine Diagnostics Program [NASA-CR-167966] p 214 N83-17544
- Energy efficient engine sector combustor ng test program [NASA-CR-167913] p 283 N83-19753
- Model aerodynamic test results for a refined actuated inlet ejector nozzle at simulated takeoff and cruise conditions [NASA-CR-168051] p 426 N83-26816
- JT90 thermal barrier coated vanes [NASA-CR-167964] p 536 N83-27993
- Energy efficient engine high-pressure turbine single crystal vane and blade fabrication technology report [NASA-CR-165400] p 616 N83-30429
- Subsonic-transonic stall flutter study [NASA-CR-165256] p 629 N83-30435
- Broad specification fuels technology program, phase 1 [NASA-CR-168180] p 637 N83-30551
- Aerothermal modeling program, phase 1 [NASA-CR-168202] p 645 N83-30959
- Sensor failure detection for jet engines [NASA-CR-168190] p 699 N83-33182
- Pratt and Whitney Aircraft Group, Middletown, Conn**
- Composite fan exit guide vanes for high bypass ratio gas turbine engines p 198 A83-13159
- Pratt and Whitney Aircraft Group, West Palm Beach, Fla**
- Integrated research aircraft control technology with full authority digital electronic control [NASA-CR-163100] p 170 N83-15318
- Flight evaluation of an engine static pressure noseprobe in an F-15 airplane [NASA-CR-163109] p 214 N83-17546
- Princeton Univ., N. J**
- Distributed processing and fiber optic communications in air data measurement p 36 A83-11258
- Effects of control saturation on the command response of statically unstable aircraft [AIAA PAPER 83-0065] p 168 A83-16497
- A multi-grid method for the computation of viscous/inviscid interactions on airfoils [AIAA PAPER 83-0234] p 132 A83-16602
- Computed and measured turbulence in axisymmetric reciprocating engines p 276 A83-24669
- Design of dry-friction dampers for turbine blades p 450 A83-35883
- Conical similarity of shock/boundary layer interactions generated by swept fins [AIAA PAPER 83-1756] p 492 A83-37229
- Rotor aerodynamics in ground effect at low advance ratios [AD-A118609] p 180 N83-12051
- Longitudinal flying qualities criteria for single pilot instrument flight operations p 545 N83-27997
- Longitudinal flying qualities criteria for single-pilot instrument flight operations [NASA-CR-168084] p 606 N83-30407
- A fuel-efficient cruise performance model for general aviation piston engine airplanes [NASA-CR-172188] p 686 N83-33891
- Prins Maurits Lab TNO, Rijswijk (Netherlands)**
- General basic concepts for a trajectory simulation of a guided missile [PML-1981-36] p 221 N83-17574
- Bail out simulation of an F-16 ejection seat by means of a blast simulator [PML-1982-7] p 585 N83-30398
- Public Service Co of Indiana, Plainfield**
- Compressed-air energy storage preliminary design and site development program in an aquifer Volume 5, Part 1 Turbomachinery design [DE83-004005] p 362 N83-22759
- Purdue Univ., Fort Wayne, Ind**
- Advanced theoretical treatments of propeller aerodynamics p 244 N83-18654

**Purdue Univ., Lafayette, Ind**

- Quadratic synthesis of integrated active controls for an aeroelastic forward-swept-wing-aircraft p 47 A83-12458
- Axial-compressor flow distortion with water ingestion [AIAA PAPER 83-0004] p 160 A83-16456
- Theoretical and experimental evaluation of transmission loss of cylinders p 237 A83-19808
- An analytical and experimental comparison of the flow field of an advanced swept turboprop [AIAA PAPER 83-0189] p 189 A83-21080
- Direct measurement of transmission loss of aircraft structures using the acoustic intensity approach p 327 A83-28185
- Effect of humidity on jet engine axial-flow compressor performance p 448 A83-35856
- The effect of a normal shock on the aeroelastic stability of a panel [ASME PAPER 83-APM-28] p 493 A83-37381
- Pilot modeling and closed-loop analysis of flexible aircraft in the pitch tracking task [AIAA PAPER 83-2231] p 621 A83-41709
- A modal analysis of flexible aircraft dynamics with handling qualities implications [AIAA PAPER 83-2074] p 624 A83-41911
- An optimal control approach to pilot/vehicle analysis and the Neal-Smith criteria p 587 A83-45462
- The WISGSK A computer code for the prediction of a multistage axial compressor performance with water ingestion [NASA-CR-3624] p 201 N83-12093
- The integrated manual and automatic control of complex flight systems [NASA-CR-170099] p 342 N83-20951
- Enhanced manual controllability via active control of aeroelastic vehicles [NASA-CR-170118] p 342 N83-20952
- Non-contact, non-destructive airport pavement profile and deflection measurements [FAA-PM-83-14] p 400 N83-23325
- Aerothermodynamics of axial-flow compressors with water ingestion p 504 N83-27953
- Spontaneous ignition characteristics of hydrocarbon fuel-air mixtures p 554 N83-29231
- Stagnation region gas film cooling Effects of dimensionless coolant temperature [NASA-CR-168197] p 645 N83-30960

**R****Radian Corp., Austin, Tex**

- Field experiences with rub induced instabilities in turbomachinery p 186 N83-15631

**Radio Technical Commission for Aeronautics, Washington, D. C**

- Minimum operational performance standards for airborne area navigation equipment using VOR/DME reference facility sensor inputs [RTCA/DO-180] p 325 N83-22175
- Emergency Locator Transmitter (ELT) equipment installation and performance [RTCA/DO-182] p 380 N83-23282

**RAND Corp., Santa Monica, Calif**

- Avionics software Where are we? [RAND/P-6786] p 159 N83-15303
- The taxiway repair schedule problem A heuristic rule and a branch-and-bound solution [AD-A122497] p 346 N83-20955
- Development and production cost estimating relationships for aircraft turbine engines [AD-A123753] p 459 N83-25714
- Increasing future fighter weapon system performance by integrating basing, support and air vehicle requirements [AD-A129039] p 712 N83-34888

**Ratcliffe (S.), Malvern (England)**

- Management and planning concepts p 326 N83-22185

**Raytheon Co., Sudbury, Mass**

- CARE 3 phase 2 report - mathematical description [NASA-CR-3566] p 189 N83-14929

**Rensselaer Polytechnic Inst., Troy, N. Y**

- Natural frequency of rotating beams using non-rotating modes p 181 A83-18383
- Structural dynamics studies of rotating bladed-disk assemblies coupled with flexible shaft motions [AIAA PAPER 83-0919] p 392 A83-32787
- Passive shock wave/boundary layer control for transonic supersonic airfoil drag reduction p 180 N83-13068
- Lubricants in bearings and absorbed materials on aircraft fuel lines by infrared emission Fourier microspectrophotometry p 220 N83-13455
- Composite structural materials [NASA-CR-169859] p 226 N83-17597

**Research Inst. of National Defence, Linköping (Sweden)**

- Simulation program of rotary wings [FOA-C-30308-E1] p 443 N83-26836
- Laser safety of air bathymetry [FOA-C-30292-E1] p 478 N83-27210

**Research Inst. of National Defence, Stockholm (Sweden)**

- A limited study of thrust vector control with guide vanes and jet rudder [FOA-C-20455-E3] p 221 N83-16386
- Report from the International Congress of Navigation [FOA-C-20489-E3] p 593 N83-30400

**Research Triangle Inst., Research Triangle Park, N. C**

- Interpretation methodology and analysis of in-flight lightning data [NASA-CR-3590] p 69 N83-11661

**Rocketdyne, Canoga Park, Calif**

- Acoustic-emission monitoring of steam turbines [DE82-904663] p 73 N83-10887
- Hybrid hydrostatic/ball bearings in high-speed turbomachinery [NASA-CR 168124] p 478 N83-27213
- Restartable high power gas generator [AD-A127291] p 646 N83-31022

**Rockwell International Corp., Anaheim, Calif**

- Usage of the SYSCAP II circuit analysis program to determine semiconductor failure threshold levels caused by lightning/EMP transients p 647 N83-31215

**Rockwell International Corp., Calif**

- Testing of the Mannesmann Demag oxygen compressor [DE83-006801] p 646 N83-31028

**Rockwell International Corp., Columbus, Ohio**

- Experimental wing and canard jet-flap aerodynamics [AIAA PAPER 83-0081] p 715 A83-48211

**Rockwell International Corp., Downey, Calif**

- Graphite/Larc-160 technology demonstration segment test results [NASA-CR-172123] p 637 N83-30539

**Rockwell International Corp., El Segundo, Calif**

- A users manual for a detailed level fatigue crack growth analysis computer code Volume 1 The CRKGRO program [AD-A118968] p 184 N83-14530
- A user's manual for a computer program to predict fatigue crack growth on flight-by-flight basis (FLTGRO) [AD-A118965] p 184 N83-14531
- Revised Structural Technology Evaluation Program (STEP) user's manual for structural synthesis [AD-A118964] p 184 N83-14532

**Rockwell International Corp., Los Angeles, Calif**

- HiMAT onboard flight computer system architecture and qualification p 529 A83-37061
- Improved methods for predicting spectrum loading effects Volume 1 Technical summary [AD-A118295] p 68 N83-11521
- Improved methods for predicting spectrum loading effects Volume 1 Technical summary [AD-A118856] p 193 N83-12077
- Improved methods for predicting spectrum loading effects Volume 2 Test data [AD-A118857] p 193 N83-12078
- A NASTRAN model of a large flexible swing-wing bomber Volume 1 NASTRAN model plane [NASA-CR-170392-VOL-1] p 154 N83-14107
- A NASTRAN model of a large flexible swing-wing bomber Volume 2 NASTRAN model development-horizontal stabilizer, vertical stabilizer and nacelle structures [NASA-CR-170392-VOL-2] p 154 N83-14108
- A NASTRAN model of a large flexible swing-wing bomber Volume 3 NASTRAN model development-wing structure [NASA-CR-170392-VOL-3] p 154 N83-14109
- A NASTRAN model of a large flexible swing-wing bomber Volume 4 NASTRAN model development-fuselage structure [NASA-CR-170392-VOL-4] p 154 N83-14110
- A NASTRAN model of a large flexible swing-wing bomber Volume 5 NASTRAN model development-fairing structure [NASA-CR-170392-VOL-5] p 154 N83-14111
- Rockwell International Corp., Pittsburgh, Pa**
- HiMAT highly maneuverable aircraft technology, flight report [NASA-CR-170245] p 388 N83-23294
- Rockwell International Corp., Thousand Oaks, Calif**
- Computational treatment of transonic canard-wing interactions [AD-A121662] p 246 N83-19718
- Transonic and nonlinear flow research [AD-A121477] p 246 N83-19719



**Rockwell International Science Center, Thousand Oaks, Calif**

A conservative type-dependent full potential method for the treatment of supersonic flows with embedded subsonic regions [AIAA PAPER 83-1887] p 502 N83-39356

**Rolls-Royce Ltd., Bristol (England)**

Effects of intake flow distortion on engine stability p 542 N83-29257

**Rolls-Royce Ltd., Derby (England)**

Tried and proven engine technology: A vital key to improving airline economics [PNR-90112] p 44 N83-11134

Aspects of the reliability and maintenance of turboprops and large turbofan engines [PNR-90113] p 45 N83-11135

The fuel efficient jet engine [PNR-90114] p 45 N83-11136

Strain gauges used for torque measurement in a gas turbine environment [PNR-90111] p 68 N83-11484

Radiation pyrometry in gas turbine research and development [PNR-90116] p 68 N83-11485

Some laser measurement techniques used in aero engine research [PNR-90118] p 68 N83-11486

Blade pressure measurements p 216 N83-12275

Recent advances in the performance of high bypass ratio fans [PNR-90120] p 203 N83-13107

Method of studying the operating temperature of gas turbines [PNR-90159] p 460 N83-26842

Mechanical and thermal effects on the transient and steady state component performance of gas turbines p 541 N83-29252

Use of composites in aero-engines [PNR-90149] p 554 N83-29322

Improving the accuracy of thermocouple temperature measuring circuits [PNR-90148] p 563 N83-29670

**Rome Air Development Center, Griffiss AFB, N.Y.**

The role and nature of adaptive antennas in ECCM [AD-P000923] p 701 N83-34148

General review of military applications of voice processing p 701 N83-34180

Proceedings of the Antenna Applications Symposium (1982) p 765 N83-36338

[AD-A129356] p 765 N83-36338

**Rosenberg (Paul) Associates, Pelham, N.Y.**

Navigation National plans, NAVSTAR-GPS, Laser gyros [AD-A125533] p 515 N83-28194

**Rosenthal-Stemag, Technische Keramik A.G., Selb (West Germany)**

Development of high-temperature resistant, noncorrosible, nonmetallic ceramic materials, especially silicon nitride, for heat exchangers in gas turbine application [BMFT-FB-T-83-026] p 555 N83-29408

**Royal Aircraft Establishment, Bedford (England)**

An appraisal of rotor blade-tip vortex interaction and wake geometry from flight measurements p 194 N83-17488

Some remarks on buffeting p 341 N83-20899

A method for determining wall-interference corrections in solid-wall tunnels from measurements of static pressure at the walls p 347 N83-20958

Early experience in using the Cryogenic Test Facility at RAE Bedford, England p 465 N83-25726

Some measurements of buffeting on a flutter model of a typical strike aircraft p 627 N83-30370

Airspeed and wind shear measurements with an airborne CO2 CW laser p 735 N83-34898

**Royal Aircraft Establishment, Farnborough (England)**

Some measurements of wing buffeting on a flutter model of a typical strike aircraft [RAE-TR-82007] p 48 N83-10052

A comparison of analytical techniques for predicting stability boundaries for some types of aerodynamic or cross-coupling nonlinearities p 51 N83-10071

Analysis of subcritical response measurements from aircraft flutter tests p 52 N83-10269

Finite difference calculation of an inviscid transonic flow over oscillating airfoils [RAE-TRANS-2087] p 191 N83-16292

Flying and design of aircraft [RAE-TRANS-2070] p 205 N83-16326

Development of the vortex ring wake model and its influence on the prediction of rotor loads p 194 N83-17481

Development of the precision approach path indicator light unit [RAE-TM-FS(B)-483] p 202 N83-17527

The electrical properties of carbon fibre composites p 227 N83-17618

Measurements of the attenuation of an Army headset [BR84535] p 309 N83-20704

The influence of helicopter operating conditions on rotor noise characteristics and measurement repeatability [AD-A121426] p 310 N83-20707

Dynamic response of aircraft with fluctuating flow fields p 341 N83-20897

A modular approach to high reliability software generation with application to nonlinear control p 363 N83-22104

A computer-based simulation of a simple aircraft-type fuel system Part 1 Normal transfer [AD-A123007] p 389 N83-23301

Finite difference calculation of an inviscid transonic flow over oscillating airfoils [AD-A123982] p 426 N83-25677

The design of shielded pitot tubes with small sensitivity to incidence [RAE-TM-AERO-1863] p 530 N83-27988

The toxic nature of gases from the thermal decomposition of combustible materials [RAE-TRANS-2082] p 553 N83-28118

Possible effects of citizens band radio transmissions on service airborne radio nav aids [RAE-TM-RAD-NAV-197] p 560 N83-28291

The cooling of printed circuit board mounted components using copper ladder heat conduction to a cold wall [RAE-TR-82092] p 560 N83-28326

The use of free-flight models for the prediction of departure control p 593 N83-30368

Synthesis of responses to AGARD-FMP questionnaire on "prediction techniques and flight correlation" p 581 N83-30384

Recommended colours for use on airborne displays [RAE-TR-82110] p 610 N83-30411

Optical techniques for airborne displays p 611 N83-30425

Induced transients in a simulated lightning test of the fly-by-wire Jaguar aircraft p 586 N83-31196

The role of a fatigue damage accumulation plot in structural loads data analysis [RAE-TR-82125] p 700 N83-33214

Automatic speech recognition as a cockpit interface p 736 N83-34899

**Royal Australian Air Force, Edinburgh**

Evaluation of new Inquisitor torquemeter PN 73-30-1 [AD-A117747] p 38 N83-10042

**Royal Inst. of Tech., Stockholm (Sweden)**

Flow properties of slotted-wall test sections p 347 N83-20963

Experimental study of strength and existence domain of ground to air inlet vortices by ground board static pressure measurements [PB83-144865] p 460 N83-26843

**Royal Netherlands Air Force, The Hague**

Effect of control system delays on fighter flying qualities p 51 N83-10073

**Royal Netherlands Air Force, Volkel**

Operational and maintenance aspects of the introduction of an advanced fighter type p 491 N83-29250

**Royal Signals and Radar Establishment, Malvern (England)**

Image generation and display p 39 N83-11394

Picture formatting and hardware considerations p 67 N83-11395

Liquid crystal displays p 611 N83-30420

Other types of display p 611 N83-30424

**S****Saab-Scanla, Linköping (Sweden)**

Comparison of flight and wind tunnel buffeting measurements on the SAAB 105 aircraft p 604 N83-30369

On pursuit-evasion between two realistic aircraft [SAAB-TN-AE 75] p 705 N83-33641

**Safford Univ. (England)**

Design of high-performance tracking systems [AD-A119440] p 147 N83-14102

Microprocessor implementation of fast-sampling direct digital flight-mode controllers p 342 N83-22096

**San Jose State Univ., Calif**

Characterization and degradation studies on synthetic polymers for aerospace application [NASA-CR-172996] p 698 N83-33014

Fire extinguishant materials [NASA-CASE-ARC-11252 1] p 759 N83-36118

**Sandia Labs., Albuquerque, N. Mex**

Darner rotor aerodynamics [DE82-003495] p 138 N83-15271

Sandia Aircraft Crashfire Facility [DE82-004297] p 198 N83-16313

Investigation of the feasibility of a helicopter-launched cruise missile system [DE82-008623] p 332 N83-20940

Modular Airborne Remote Sampling and Sensing System (MARSSS) [DE82-014657] p 361 N83-21495

An experimental and theoretical investigation of the reduction in parachute drag caused by forebody wake effects Data compilation and program summary [DE83-005364] p 378 N83-24486

Modular Airborne Remote Sampling and Sensing System (MARSSS) [DE82-005691] p 410 N83-25226

Sandia Helicopter Acoustic Detector (SHAD) [DE82-018925] p 483 N83-27803

Full-system tests using the Sandia lightning simulator p 632 N83-31213

Performance of the Sandia lightning simulator during F-14A and F/A-18 aircraft lightning tests p 587 N83-31220

Wellborne inertial navigation system [DE83-004012] p 594 N83-31593

Performance of the Sandia Lightning Simulator during F 14A and F/A-18 aircraft lightning tests [DE83-009288] p 721 N83-34926

**Santa Clara Univ., Calif**

Derrivation of the fundamental equation of sound generated by moving aerodynamic surfaces p 482 N83-36096

Noise suppressor for turbo fan jet engines [NASA-CASE-ARC-10812-1] p 685 N83-33884

**School of Aerospace Medicine, Brooks AFB, Tex.**

An overview of human factors in aircraft accidents and investigative techniques p 198 N83-17491

**Scientific Research Associates, Inc., Glastonbury, Conn**

A turbulent flow Navier-Stokes analysis for an airfoil oscillating in pitch p 660 N83-46437

**Seville Research Corp., Pensacola, Fla**

Evaluating the use of electronic flight instrument systems in general aviation aircraft [AD-A118604] p 198 N83-12083

**Shaker Research Corp., Ballston Lake, N.Y.**

Digital system for structural dynamics simulation [NASA-CR-168019] p 174 N83-14139

**Shannon Engineering, Seattle, Wash**

Feasibility of establishing a correlation between boundary layer growth and upstream shock conditions [AD-A126909] p 646 N83-30968

**Shell Oil Co., Houston, Tex**

General aviation fuel quality control p 352 N83-22447

**Ship Systems, Inc., San Diego, Calif**

Prelaunch survivability of Ground Launched Cruise Missile (GLCM) Volume 3 SAVAGE code version 1.0 user's guide [AD-A119023] p 155 N83-14113

**Shock and Vibration Information Center (Defense), Washington, D.C.**

The Shock and Vibration Bulletin Part 2 Environmental testing, shock testing, shock analysis [AD-D432830] p 66 N83-10231

The Shock and Vibration Bulletin Part 3 Analytical methods, dynamic analysis, vehicle systems [AD-D432842] p 66 N83-10253

The Shock and Vibration Digest, volume 14, no. 8 [AD-A119004] p 67 N83-10433

The Shock and Vibration Bulletin, no. 52 Part 1 Welcome, keynote address, invited papers, rotor dynamics and machinery vibration [BULL-52-PT-1] p 644 N83-30684

**Sikorsky Aircraft, Stratford, Conn**

Flight service evaluation of composite helicopter components [NASA-CR-165952] p 192 N83-12071

Pre-design study for a modern 4-bladed rotor for RSRA [NASA-CR-166155] p 176 N83-13065

Structural demonstration of the SH-60B helicopter, appendix 1 and 2 [SER-520235] p 194 N83-13092

Coupled rotor/airframe vibration analysis [NASA-CR-3582] p 154 N83-14105

Pre-design study for a modern 4-bladed rotor for the RSRA [NASA-CR 166155] p 206 N83-16331

Review of rotor loads prediction methods p 194 N83-17484

Analysis and correlation of the test data from an advanced technology rotor system [NASA-CR-3714] p 665 N83-32777

Design, fabrication, installation and flight service evaluation of a composite cargo ramp skin on a model CH-53 helicopter [NASA-CR-172126] p 693 N83-33955



Model HH-53 helicopter, durability and damage tolerance assessment report submittal  
[AD-A129255] p 734 N83-36027

#### Simula, Inc., Tempe, Ariz.

Computer simulation of an aircraft seat and occupant in a crash environment, volume 1  
[FAA-CT-82-33-1-VOL-1] p 319 N83-22171  
Computer simulation of an aircraft seat and occupant in a crash environment Volume 2 Program SOM-LA user manual  
[FAA-CT-82-33-2-VOL-2] p 319 N83-22172  
Design and test criteria for increased energy-absorbing seat effectiveness  
[AD-A128015] p 589 N83-31589

#### Sinacori (John B.) Associates, Hollister, Calif.

Research and analysis of head-directed area-of-interest visual system concepts  
[NASA-CR-166480] p 467 N83-26849

#### SKF Engineering and Research Centre, Nieuwegein (Netherlands).

Lightweight materials for rolling elements in aircraft bearings  
p 184 N83-15510

#### Smiths Industries Ltd., Bishops Cleeve (England).

The use of multiplex data buses in a high integrity system  
p 332 N83-22102

#### Societe Crouzet, Valence (France)

A functionally reliable avionics systems  
p 272 N83-20196

#### Societe Nationale d'Etude et de Construction de Moteurs d'Aviation, Evry Cedex (France).

The quality and control of precision castings for turbomachines  
p 179 N83-15448

#### Societe Nationale d'Etudes et de Construction de Moteurs d'Aviation, Moissy-Cramayel (France)

The matrix of axial and radial plays The present situation and perspectives  
p 541 N83-29253

#### Societe Nationale Industrielle Aerospatiale, Les Mureaux (France)

Automatic landing in bad weather conditions  
[SNIAS-822-111-106] p 381 N83-23287  
Composite materials on a commuter aircraft The ATR 42  
[SNIAS-822-111-105] p 403 N83-23363

Replacement of electromechanical devices by cathode ray tubes  
[SNIAS-822-111-110] p 407 N83-23523

The return of the propeller airplane  
[SNIAS-822-111-102] p 389 N83-24501

Evolution of launch vehicle avionics  
[SNIAS-831-422-121] p 682 N83-32802

#### Societe Nationale Industrielle Aerospatiale, Marseille (France)

Methods used at Aerospatiale for calculating the loads on a rotor and experimental cross checks  
p 194 N83-17486

#### Societe Nationale Industrielle Aerospatiale, Paris (France)

Antitank missiles night firing from Aerospatiale helicopters  
[SNIAS-822-320-101] p 58 N83-10102

Properties of thick sheets of 2124 T351 alloy  
[SNIAS-822-111-109] p 404 N83-23423

Helicopter air inlets Design process, wind tunnel testing and correlations with flight data  
p 581 N83-30383

Aerospace industry materials Choice criteria and needs to be met  
[SNIAS-831-502-101] p 658 N83-32742

#### Societe Nationale Industrielle Aerospatiale, Suresnes (France)

Damage tolerance  
[SNIAS-831-551-103] p 679 N83-32800

Construction of a natural environment aging machine with independent energy supply, for load cycles on aircraft structures  
[SNIAS-831-551-101] p 765 N83-35426

#### Societe Nationale Industrielle Aerospatiale, Toulouse (France)

An example of longitudinal and transversal oscillation coupling The Epsilon aircraft cork screw  
p 51 N83-10074

Analyzing the role of closed loop systems for a subsonic aircraft with reduced longitudinal stability  
p 51 N83-10076

Impact of ergonomic studies on the design of civil aircraft cockpits  
p 267 N83-20184

Demonstration of an acceptable safety level for digital equipment on board civil transport aircraft  
p 251 N83-20188

Results of a quality principle on the MTBF of an equipment developed for the A-300  
p 304 N83-20212

Application of an analytical method to the elaboration of a maintenance program for a new aircraft  
p 242 N83-20227

The Epsilon prototype corkscrew phenomenon  
[SNIAS-822-111 101] p 376 N83-23279

Propeller mean slipstream computation Slipstream influence on aircraft performances  
[SNIAS-822-111-104] p 389 N83-23299

#### SoHaR, Inc., Los Angeles, Calif.

Trends in software reliability for digital flight control  
[NASA-CR-166456] p 411 N83-24194

#### Solar Turbines International, San Diego, Calif.

Investigation of a low NOx full-scale annular combustor  
[NASA-CR-165518] p 202 N83-13104

Mid and high temperature rotor program for a 30 kW gas turbine generator set  
[AD-A129780] p 749 N83-36033

#### Southampton Univ (England)

Propeller noise prediction and research techniques  
p 308 N83-18651  
Dimensional stability considerations for cryogenic metals  
p 291 N83-18759

The status of two- and three-dimensional testing in the University of Southampton transonic self-streamlining wind tunnel  
p 349 N83-20971

Activities of the Institute of Sound and Vibration Research  
p 707 N83-33687

Technical evaluation report on the Flight Mechanics Panel Symposium on Ground/Flight Test Techniques and Correlation  
[AGARD-AR-191] p 733 N83-34939

#### Southwest Research Inst., San Antonio, Tex.

Tests of blending and correlation of distillate fuel properties  
p 59 N83-11050

Procedure for evaluation of engine isolators for reduced structure-borne noise transmission  
p 199 N83-15320

Design and test of aircraft engine isolators for reduced interior noise  
[NASA-CR-166021] p 190 N83-15042

Rotordynamic instability field problems  
p 186 N83-15630

Degradation and characterization of antimisting kerosene (AMK)  
[MED-132] p 297 N83-19922

Emergency fuels technology  
[AD-A125275] p 471 N83-25904

Electrostatic voltage sensors for helicopter dischargers  
p 612 N83-31188

Demonstration and analysis of an improved nondestructive evaluation (NDE) method for rotary wing head spindle threads  
[AD-A128741] p 712 N83-34890

Spectron Development Labs, Inc., Costa Mesa, Calif.  
Laser holographic interferometry for an unsteady airfoil in dynamic stall  
[AIAA PAPER 83-0388] p 179 N83-16688

A study of model deflection measurement techniques applicable within the national transonic facility  
[NASA-CR-165853] p 181 N83-13075

Feasibility study of three-dimensional holographic interferometry for aerodynamics  
[NASA-CR-166483] p 483 N83-27845

#### Spectrum Technology, Inc., Virginia Beach, Va.

Single pilot IFR accident data analysis  
[NASA-CR-3650] p 139 N83-14076

#### Sperry Research Center, Sudbury, Mass.

Polarization null characteristics of simple targets  
[AD-A129303] p 765 N83-36312

#### Sperry Systems Management, Huntsville, Ala.

Design, fabrication and test of an integrated Built-in-Test (BIT) control unit  
[AD-A127278] p 631 N83-30441

#### SRI International Corp., Menlo Park, Calif.

The software-implemented fault tolerance /SIFT/ approach to fault tolerant computing  
p 235 N83-22825

#### ARTS 2A design analysis

[FAA-RD-82-54] p 187 N83 12064

Oceanic Area System Improvement Study (OASIS) Volume 1 Executive summary and improvement alternatives development and analysis  
[FAA-EM-81-17 VOL-1] p 200 N83-16314

Oceanic Area System Improvement Study (OASIS) Volume 2 North Atlantic region air traffic services system description  
[FAA-EM-81-17-VOL-2] p 201 N83-16315

Oceanic Area System Improvement Study (OASIS) Volume 3 Central East Pacific region air traffic services system description  
[FAA-EM-81-17-VOL-3] p 201 N83-16316

Oceanic Area System Improvement Study (OASIS) Volume 4 Caribbean region air traffic services system description  
[FAA-EM-81-17-VOL-4] p 201 N83-16317

Oceanic Area System Improvement Study (OASIS) Volume 5 North Atlantic, Central East Pacific, and Caribbean regions communication systems description  
[FAA-EM-81-17-VOL-5] p 201 N83-16318

Oceanic Area System Improvement Study (OASIS) Volume 7 North Atlantic region flight cost model results  
[FAA-EM-81-17-VOL-7] p 201 N83-16319

Oceanic Area System Improvement Study (OASIS) Volume 8 Central East Pacific region flight cost model results  
[FAA-EM-81-17-VOL-8] p 201 N83-16320

Oceanic Area System Improvement Study (OASIS) Volume 9 Flight cost model description  
[FAA-EM-81-17-VOL-9] p 201 N83-16321

Oceanic Area System Improvement Study (OASIS) Volume 10 North Atlantic, Central East Pacific, and Caribbean regions aviation traffic forecasts  
[FAA-EM-81-17-VOL-10] p 201 N83-16322

Allocation of protection  
p 588 N83-31240

#### Stanford Univ., Calif.

Recent progress in V/STOL technology  
p 3 A83-12852

The performance of a circulation control airfoil at transonic speeds  
[AIAA PAPER 83-0083] p 130 A83-16510

Finite-difference simulation of transonic separated flow using a full potential boundary layer interaction approach  
[AIAA PAPER 83-1689] p 555 A83-37189

Effects of flight on noise radiated from convected ring sources in coaxial dual flow Part 2 The noise from heated jets  
[NASA-CR-169736] p 238 N83-17237

Effects of noise radiated from convected ring sources in coaxial dual flow Part 1 The noise from unheated jets  
[NASA-CR-169737] p 238 N83-17238

Transitory stall in diffusers  
[AD-A122953] p 394 N83-23315

Flight directors for STO aircraft  
[NASA-CR-166517] p 593 N83-31590

Techniques in optimum structural synthesis with static and dynamic constraints  
p 699 N83-33189

#### State Univ of New York, Albany

Observations of optical lightning emissions from above thunderstorms using U-2 aircraft  
p 234 A83-22703

#### State Univ of New York at Buffalo, Amherst.

Active vibration control of large flexible structures  
p 644 N83-30729

#### Stuttgart Univ (West Germany)

An interactive system for transformation of known measures long internal surface of cylinders model for shafts  
[ISD-294] p 233 N83-17748

Thermodynamic and flow mechanical problems in aircraft and spacecraft drives Summary of work and results for 1980, 81, 82  
p 707 N83-34822

Profile design for cascades  
p 686 N83-34832

Transonic and subsonic compressors  
p 703 N83-34836

The effect of the Reynolds number on turbomachines  
p 687 N83-34838

#### Sundstrand Aviation-Rockford, Ill.

Improvements in F-16 engine restart capability with a SIPU (Super Integrated Power Unit)  
[AD-A129578] p 749 N83-36036

#### Suntech, Inc., Marcus Hook, Pa.

An exploratory research and development program leading to specifications for aviation turbine fuel from whole crude shale oil Part 4 Production of samples of military fuels from raw shale oils  
[AD-A117526] p 60 N83-10211

#### Supreme Court of South Africa, Pretoria

Co-ordination in aviation in southern Africa  
p 320 N83-23210

#### Syracuse Research Corp., N Y

Modelling of direct-strike lightning coupling by a transfer function technique  
p 612 N83-31177

The effects of new technology trends on aircraft lightning vulnerability and the capability to identify technology deficiencies  
p 586 N83-31207

Unprotected radome lightning tests and implications to Kevlar airframe designs  
p 587 N83-31208

#### Syracuse Univ., N Y

Coaxial supersonic jet-flows, shock structure and related problems with noise-suppression assessment and prediction  
[AIAA PAPER 83-0707] p 366 A83-28011

Aeroacoustics of supersonic porous plug-nozzle flows  
[AIAA PAPER 83-0775] p 411 A83-31325

Aeroacoustics of a porous plug supersonic jet noise suppressor  
[NASA-CR 169977] p 309 N83-19576

#### System Design Concepts, Inc., Washington, D C

Planning for rotorcraft and commuter air transportation  
[NASA-CR-166453] p 310 N83-19652

#### System Planning Corp., Arlington, Va.

Aeronautical structures technology study Annotated briefing report  
[AD-A123064] p 389 N83-23300

**Systems Control, Inc., West Palm Beach, Fla.**

The analysis of integrated fuel efficient, low noise procedures in lax terminal area operations

p 202 N83-17459

Helicopter technology benefits and needs Volume 1

[NASA-CR-166469-VOL-1] p 368 N83-23240

Helicopter technology benefits and needs Volume 2

Appendices

[NASA-CR-166470-VOL-2] p 369 N83-23241

**Systems Control Technology, Inc., Palo Alto, Calif.**

Filtering flight data prior to aerodynamic system identification

[AIAA PAPER 83-2098] p 597 A83-41928

Turbine Engine Fault Detection and Isolation Program

Volume 1 Turbine engine performance estimation methods

[AD-A119998] p 167 N83-15311

Turbine Engine Fault Detection and Isolation Program

Volume 2 Maintenance model development

[AD-A119999] p 167 N83-15312

Full authority fault-tolerant electronic engine control system for variable cycle engines

[AD-A121746] p 359 N83-21357

**Systems Control Technology, Inc., West Palm Beach, Fla.**

Instrument approach aids for helicopters

[FAA-RD-82-6] p 187 N83-12061

Application of the microwave landing system to helicopter operations

[FAA-RD-82-40] p 187 N83-12068

Alaska Loran-C flight test evaluation

[AD-A128633] p 724 N83-34930

**Systems Research Labs, Inc., Dayton, Ohio**

Accelerated corrosion testing

[AD-A125639] p 553 N83-28211

**Systems Technology, Inc., Hawthorne, Calif.**

Heavy-lift airship dynamics

p 340 A83-29016

Bandwidth: A criterion for highly augmented airplanes

p 49 N83-10063

Stability and control of the Gossamer human powered aircraft by analysis and flight test

[NASA-CR-3627] p 11 N83-11062

Progress and pitfalls in advanced flight control systems

p 342 N83-22094

Flying qualities of relaxed static stability aircraft, volume 1

[AD-A128758] p 333 N83-22189

Flying qualities of relaxed static stability aircraft, volume 2

[AD-A128720] p 333 N83-22190

Flight dynamics analysis and simulation of heavy lift airships Volume 1 Executive summary

[NASA-CR-166471-VOL-1] p 344 N83-22207

Flight dynamics analysis and simulation of heavy lift airships Volume 2 Technical manual

[NASA-CR-166471-VOL-2] p 344 N83-22208

Flight dynamics analysis and simulation of heavy lift airships, volume 4 User's guide Appendices

[NASA-CR-166471-VOL-4] p 344 N83-22210

Flight dynamics analysis and simulation of heavy lift airships Volume 5 Programmer's manual

[NASA-CR-166471-VOL-5] p 344 N83-22211

Proposed MIL standard and handbook Flying qualities of air vehicles Volume 1 Proposed MIL standard

[AD-A123674] p 373 N83-24468

Proposed MIL standard and handbook Flying qualities of air vehicles Volume 2 Proposed MIL handbook

[AD-A123726] p 441 N83-25704

**Systems Technology, Inc., Mountain View, Calif.**

Effects of control saturation on the command response of statically unstable aircraft

[AIAA PAPER 83-0065] p 168 A83-16497

An analysis of airline landing flare data based on flight and training simulator measurements

[NASA-CR-166404] p 47 N83-10047

Determination of motion and visual system requirements for flight training simulators

[AD-A117555] p 57 N83-11149

Analysis of pilot control strategy

[NASA-CR 170399] p 344 N83-22212

Non-intrusive parameter identification procedure user's guide

[NASA-CR-170398] p 397 N83-23318

**Syston Donner Corp., Concord, Calif.**

A precision inertial angular vibration measuring system

p 644 N83-30758

**The APC-4 infrared plume generator Qualification**

Operational Test and Evaluation (OOT/E)

[AD-A128503] p 733 N83-34938

**Technion - Israel Inst. of Tech., Haifa.**

An optimal control approach to the design of moving flight simulators

p 218 A83-19949

Numerical calculation of nonlinear aerodynamics of wing-body configurations

p 420 A83-36076

The evaluation of the rolling moments induced by wraparound fins

[AIAA PAPER 83-1840] p 545 A83-38669

Predictor symbology in computer-generated pictorial displays

[NASA-CR-169441] p 72 N83-10803

Improved dynamic models for air combat analysis

[AD-A121379] p 305 N83-19562

**Technische Hochschule, Aachen (West Germany)**

Aids to decision making in airport planning

[REPT-34] p 221 N83-17562

Operational engine usage

p 540 N83-29246

**Technische Hogeschool, Delft (Netherlands)**

Digital calculation of the propagation in time of the aircraft gust response covariance matrix

[VTH-LR-266] p 48 N83-10053

Numerical and experimental investigation of the aerodynamics of double membrane sailing airfoil sections

[VTH-LR-345] p 14 N83-11092

Design, fabrication and testing of an advanced composite access door for use in a lower wing panel

[VTH-LR-335] p 61 N83-11251

Overall buckling of specially orthotropic Z-stiffened panels Part 1 Theory

[VTH-LR-351-PT 1] p 69 N83-11526

Aerodynamic research on Tipvane wind turbines

[PB83-147413] p 479 N83-27476

Aerodynamic model identification from dynamic flight test data and wind tunnel experiments

[VTH-LR-361] p 505 N83-27967

Output feedback regulators for aircraft automatic control systems

[VTH-LR-339] p 546 N83-28002

Identification of primary flight control system characteristics from dynamic measurements

[VTH-LR-348] p 546 N83-28003

Aerodynamic model identification from dynamic flight test data and wind tunnel experiments

p 604 N83-30371

Fatigue crack growth of corner cracks in lug specimens

[VTH-LR-375] p 700 N83-33234

**Technische Hogeschool, Twente (Netherlands)**

Human factors aspects of displays

p 610 N83-30415

Image generation on matrix displays

p 611 N83-30418

**Technische Univ., Berlin (West Germany)**

Water injection into compressors of gas turbines for power increase and reduction of NOX emission

[BMFT-FB-T-82-075] p 233 N83-16765

Development studies for incorporation of air transportation documentation in the building up of a transport information system

p 249 N83-18703

On the use of adaptive walls for transonic wind tunnel testing

p 348 N83-20969

**Technische Univ., Brunswick (West Germany)**

The influence of the ratio of control force to control path in a miniature control element

[TUBS/FB-80-01-02] p 205 N83-13117

A contribution to the investigation of the dynamic behavior of a controlled aircraft under wind shear conditions

[TUBS/FB-80-07-01] p 205 N83-13118

Programming of a trajectory control calculator for calculation, manipulation and description of 4D flight trajectories

[TUBS/FB-81-08-01] p 206 N83-13119

Nonlinear observers for estimation of the state variables of an aircraft lateral motion

[TUBS/FB-81-11-01] p 206 N83-13120

Airborne flight trajectory planning as a new pilot task

[TUBS/FB-82-04-01] p 206 N83-13121

Design and construction of a flexible autonomous electronic display device

[TUBS/FB-80-12-02] p 221 N83-13824

**Technische Univ., Hamburg (West Germany)**

Detection and ranging of electric charged helicopters

p 607 N83-31189

Electric charging by impact of hailstones and raindrops

p 649 N83-31231

**Technische Univ., Hanover (West Germany)**

Shaft vibrations in turbomachinery excited by cracks

p 187 N83-15635

**Technische Univ., Munich (West Germany)**

Generalized digital simulation technique with variable engine parameter input for steady state and transient behaviour of aero gas turbines

p 543 N83-29263

**Teledyne CAE, Toledo, Ohio.**

Gas turbine demonstration of pyrolysis Derived fuels

[DE82-007193] p 553 N83-28273

**Teledyne Continental Motors, Mobile, Ala.**

The spark-ignition aircraft piston engine of the future

p 353 N83-22450

Lightweight diesel aircraft engines for general aviation

p 340 N83-22455

**Tennessee Univ., Knoxville**

'Scaling' analysis of the ice accretion process on aircraft surfaces

[ASME PAPER 82 WA/HT-39] p 248 A83-25693

**Tennessee Univ., Tullahoma.**

Influence of multidroplet size distribution on icing collection efficiency

[AIAA PAPER 83-0110] p 188 A83-16526

A flight test evaluation and analytical study of the Ball-Bartoe jetwing propulsive lift concept without ejector

[AD-A121733] p 332 N83-20938

**Tennessee Univ. Space Inst., Tullahoma**

An analysis of spanwise gust gradient data

p 565 A83-38762

Unsteady swirling flows in gas turbines

[AD-A128386] p 685 N83-32812

Proceedings Sixth Annual Workshop on Meteorological and Environmental Inputs to Aviation Systems

[NASA-CP-2274] p 658 N83-33827

Low-level gust gradient program and aviation workshop effort

p 767 N83-36592

**Texas A&M Univ., College Station**

Finite-length solutions for rotodynamic coefficients of turbulent annular seals

[ASME PAPER 82-LUB-42] p 212 A83-13521

New thermal and trajectory model for high-altitude balloons

p 386 A83-32579

Wing extensions for improving climb performance

[AIAA PAPER 83-2556] p 729 A83-48375

Definition of forces on turbomachinery rotors Task B report Dynamic analysis of rotors

[NASA-CR-170763] p 395 N83-24507

A study of atmospheric flow in the wake of a large structure

p 567 N83-28788

A catalog of low Reynolds number airfoil data for wind turbine applications

[RFP-3387] p 665 N83-32772

**Texas Technological Univ., Lubbock**

Laboratory modeling and analysis of aircraft-lightning interactions

[NASA-CR-169455] p 15 N83-10023

Some results and limitations of Prony analysis of in-flight lightning data

p 646 N83-31178

**Textron Bell Aerospace Co., Buffalo, N. Y.**

Flutter analysis of advanced turbopropellers

[AIAA 83-0846] p 357 A83-29824

Force method optimization 2 Volume 1 Theoretical development

[AD-A127073] p 652 N83-32408

**Textron Bell Helicopter, Fort Worth, Tex.**

In-flight structural dynamic characteristics of the XV-15 tilt-rotor research aircraft

p 29 A83-10191

Design of an advanced 500-HP helicopter transmission

p 277 A83-24834

Investigation of advanced navigation and guidance system concepts for all-weather rotorcraft operations

[NASA-CR-166274] p 26 N83-10029

Slack wire strike protection concepts

[AD-A118827] p 184 N83-12056

Flight service evaluation of composite components on the Bell Helicopter model 206L Design, fabrication and testing

[NASA-CR-166002] p 177 N83-14169

Benefits assessment of active control technology and related cockpit technology for rotorcraft

[NASA-CR-166406] p 217 N83-17553

Helicopter noise

p 310 N83-20835

Effects of aerodynamic interaction between main and tail rotors on helicopter hover performance and noise

[NASA-CR-166477] p 376 N83-23275

Correlation and evaluation of inplane stability characteristics for an advanced bearingless main rotor

[NASA-CR-166448] p 440 N83-25695

YAH-63 helicopter crashworthiness simulation and analysis

[AD-A125642] p 510 N83-27970

Adaptation of pultrusion to the manufacture of helicopter components

[AD-A126291] p 491 N83-29171

**Thomas Electronics Inc., Wayne N. J.**

Manufacturing Methods and Technology (MM&T) specifications for miniature cathode ray tube

[AD-A127160] p 645 N83-30921

**T****Tactical Air Command, Langley AFB, Va.**

F-106 tow system (IOT&E)

[AD-A118527] p 193 N83-12074

**Thomson-CSF, Boulogne-Billancourt (France)**

- Cathode ray tubes p 611 N83-30417  
 Vacuum fluorescent tubes p 611 N83-30422  
 Large area gas discharge displays or plasma displays p 611 N83-30423

**Titan-Aluminum-Feinguss G m b H, Bestwig (West Germany)**

- New developments in aluminum and titanium investment castings p 178 N83-15438

**Tokyo Univ (Japan)**

- Study of rotor gust response by means of the local momentum theory p 169 N83-18379

**Toledo Univ, Ohio**

- Numerical simulation of electrothermal de-icing systems [AIAA PAPER 83-0114] p 428 N83-36043  
 Numerical simulation of an electrothermal deicer pad [NASA-CR-168097] p 380 N83-23281

**Toronto Univ, Downsview (Ontario)**

- The landing approach in variable winds Curved glidepath geometries and worst-case wind modeling [UTIAS-254] p 26 N83-10028

**Toronto Univ (Ontario)**

- Propulsive performance of 2-dimensional thin airfoils undergoing large-amplitude pitch and plunge oscillations [UTIAS-TN-226] p 180 N83-13074  
 Control logic for landing abort autopilot mode [UTIAS-258] p 204 N83-13111  
 A piloted flight simulator study of conflict of interest wind modelling techniques [UTIAS-TN-238] p 401 N83-23329  
 Experimental and analytical studies of shielding concepts for point sources and jet noise [UTIAS-266] p 571 N83-28983  
 A study of lateral flight path perturbations of STOL aircraft in the planetary boundary layer [UTIAS-TN-240] p 679 N83-33877

**Trans Systems Corp, Vienna, Va**

- An analysis of reports of operational errors [AD-A123416] p 383 N83-24499

**Transmission Research, Inc, Cleveland, Ohio**

- Helicopter transmission arrangements with split-torque gear trains p 303 N83-20126

**Transmission Technology Co, Inc, Fairfield, N J**

- Design study of Self-Alining Bearingless Planetary (SABP) gear p 303 N83-20127

**Transportation Research and Marketing, Salt Lake City, Utah**

- Transportation Energy Conservation Through Land Use Planning [PB83-148387] p 475 N83-25919

**Transportation Research Board, Washington, D C**

- Pavement roughness and skid properties [PB82-212309] p 66 N83-10295  
 Airport landside operations and air service [PB82-235946] p 218 N83-13320  
 Airport and highway noise control, planning and analysis [PB83-153692] p 560 N83-28290

**Transportation Systems Center, Cambridge, Mass**

- Airport landside Volume 1 Planning guide [AD-A117599] p 56 N83-10083  
 Airport landside Volume 2 The Airport Landside Simulation Model (ALSIM) description and users guide [AD-A117600] p 56 N83-10084  
 Airport landside Volume 3 ALSIM calibration and validation [AD-A117601] p 57 N83-10085  
 Airport landside Volume 4 Appendix A ALSIM AUXILIARY and MAIN programs [AD-A117602] p 57 N83-10086  
 Airport landside Volume 5 Appendix B ALSIM subroutines [AD-A117603] p 57 N83-10087  
 Chicago Monostatic Acoustic Vortex Sensing System Volume 4 Wake vortex decay [AD-A120081] p 138 N83-15269  
 Helicopter noise survey at selected New York City heliports [AD A129167] p 770 N83-36849

**TRW, Inc, Redondo Beach, Calif**

- The development of a generalized advanced propeller analysis system [AIAA PAPER 83-2466] p 746 N83-49581

**Tufts Univ, Medford, Mass**

- Simulation fidelity and numerosity effects in CDTI experimentation [NASA-CR-166459] p 358 N83-21209  
 Multi-man flight simulator [NASA-CR-166449] p 359 N83-21210

**Tuskegee Inst, Ala**

- A comprehensive method for preliminary design optimization of axial gas turbine stages II - Code verification [AIAA PAPER 83-1403] p 456 N83-36393

- Three computer based aids to maintenance scheduling [AD-A120351] p 187 N83-16280

**Twente Univ of Technology, Enschede (Netherlands)**

- Modern display technologies and applications [AGARD-AR-169] p 310 N83-20758

## U

**Union Carbide Corp, Oak Ridge, Tenn**

- Rotor testing in FY 1982 p 562 N83-28622

**United Air Lines, Inc, Denver, Colo**

- Flight preparation and planning p 188 N83-17462  
 Computerized engine and airplane performance monitoring programs p 188 N83-17465

**United Kingdom Atomic Energy Authority, Abingdon (England)**

- Nanosecond resolution of E, H and I in aircraft lightning test rigs p 647 N83-31212

**United States Air Forces in Europe, APO New York 09012**

- Advanced rapid runway repair A stable and flush repaired runway surface p 175 N83-15287

**United Technologies Corp, East Hartford, Conn**

- Importance of inlet boundary conditions for numerical simulation of combustor flows [AIAA PAPER 83-1263] p 454 N83-36314  
 JT9D performance deterioration results from a simulated aerodynamic load test p 612 N83-41040  
 Development of controlled diffusion airfoils for multistage compressor application [ASME PAPER 83-GT-211] p 715 N83-48012  
 Rotor redesign for a highly loaded 1800 ft/sec tip speed fan 3 Laser Doppler velocimeter report [NASA-CR-167954] p 163 N83-14128  
 Analysis of unswept and swept wing chordwise pressure data from an oscillating NACA 0012 airfoil experiment Volume 1 Technical Report [NASA-CR-3567] p 316 N83-22165  
 Energy efficient engine low-pressure compressor component test hardware detailed design report [NASA-CR-165354] p 616 N83-30427

**United Technologies Corp, South Windsor, Conn**

- Evaluation of synthetic-fuel character effects on rich-lean stationary gas turbine combustion systems Volume 2 Full-scale test program [DE83 902337] p 694 N83-34067

**United Technologies Corp, Stratford, Conn**

- Design, analysis and test of composite curved frames for helicopter fuselage structure [AIAA 83 1005] p 356 N83-29805  
 An overview of advancements in helicopter transmission design p 302 N83-20124  
 Experimental study of main rotor/tail rotor/airframe interactions in hover Volume 1 Text and figures [NASA-CR-166485] p 427 N83-26820  
 Development of monofilar rotor hub vibration absorber [NASA-CR-166088] p 549 N83-29272  
 X wing 25 foot diameter Lockheed model whirl test report [AD-A128959] p 679 N83-33880

**United Technologies Corp, West Palm Beach, Fla**

- Digital electronic engine control system - F-15 flight test p 162 N83-18406  
 Integrated flight/propulsion control system architectures for a high speed aircraft [AIAA PAPER 83-2563] p 746 N83-49595

**United Technologies Corp, Windsor Locks, Conn**

- Measurements and predictions of turboprop noise at high cruise speed [AIAA PAPER 83-0689] p 365 N83-28008

**United Technologies Research Center, East Hartford, Conn**

- Noise of a model helicopter rotor due to ingestion of isotropic turbulence p 190 N83-18397  
 Rotor vortex interaction noise [AIAA PAPER 83-0720] p 367 N83-29950  
 A vortex venturi for reverting antimisting fuel properties [ASME PAPER 83-GT-137] p 741 N83-47964  
 Analysis of airfoil leading edge separation bubbles [NASA-CR-165935] p 9 N83-10018  
 Experimental study of the thermal stability of hydrocarbon fuels [NASA-CR-168027] p 228 N83-17728  
 Axial compressor middle stage secondary flow study [NASA-CR-3701] p 505 N83-29174  
 Analytical modeling of operating characteristics of premixing-prevaporizing fuel-air mixing passages p 537 N83-29209

**Universities Space Research Association, Boulder, Colo**

- The USRA workshop report. Electrostatic fog dispersal [NASA-CR-170802] p 704 N83-34514

**Universities Space Research Association, Columbia, Md**

- Improved design of subcritical and supercritical cascades using complex characteristics and boundary layer correction [NASA-CR-168166] p 377 N83-24474

**University of Southern California, Los Angeles**

- The transition and dynamics of bounded and free shear layers [AD A118665] p 217 N83-12380

- A system study for the application of microcomputers to research flight test techniques [NASA-CR-169869] p 305 N83-19487

- Abstracts 1982 AFOSR Contractors Meeting on Air Breathing Combustion Dynamics Research [AD-A121647] p 351 N83-21062

- Lunate-tail swimming propulsion as a problem of curved lifting line in unsteady flow 1 Asymptotic theory [USCAE-139] p 561 N83-28377

**University of Southern Colorado, Pueblo**

- Guidance and flight control demonstration in a helicopter flight environment using a laser-gyro inertial navigation system p 322 N83-28779

- Performance of a Strapdown Ring Laser Gyro Tetrad Inertial Navigation System in a helicopter flight environment p 322 N83-28781

- Technology research for digital flight control [NASA-CR-170194] p 336 N83-22197

**Utah Univ, Salt Lake City**

- A carbon 13 and proton nuclear magnetic resonance study of some experimental refereed broadened-specification /ERBS/ turbine fuels p 59 N83-11482

- Interactive spline modelling [AD A128841] p 680 N83-33881

## V

**Veda, Inc, Arlington, Va**

- Computer Aided System for Developing Aircrew Training (CASDAT) [AD-A128530] p 633 N83-31615

**Verenigte Flugtechnische Werke-Fokker G m b H, Bremen (West Germany)**

- Experimental investigations of transport aircraft low speed engine interference effects and flight test correlation p 603 N83-30364  
 Flight flutter testing with emphasis on the tip vane method p 628 N83-30381  
 Damage tolerance evaluation of structures with small cracks p 701 N83-34101

**Verenigte Flugtechnische Werke G m b H, Bremen (West Germany)**

- Aircraft dynamic response to damaged and repaired runways [AD A124111] p 267 N83-19747  
 Development of a cryogenic windtunnel balance [KB-TE 1-1173] p 632 N83-31611  
 Development and demonstration of economic production systems in airframe construction p 658 N83-32709

- Alpha jet-pylon p 658 N83-32710  
 MRCA run-in floors p 658 N83-32711  
 Statistical and vibratory fatigue limit characteristics of aluminum cast alloys p 692 N83-32712  
 Additionally compressed titanium fine cast components p 692 N83-32713  
 Economic riveting p 697 N83-32714  
 Welding of components made of the aluminum cast alloy A357 p 698 N83-32715  
 Superplastic transformation and diffusion welding of titanium alloys p 692 N83-32716

**Verenigung Cockpit e V, Frankfurt am Main (West Germany)**

- Phantoms in complex airborne systems p 682 N83-32801

**Vigyan Research Associates, Inc, Hampton, Va**

- Segmented vortex flaps [AIAA PAPER 83-0424] p 134 N83-16706  
 Method for calculating effects of a propfan on aircraft aerodynamics at subsonic speeds [AIAA PAPER 83-1216] p 420 N83-36287

**Virginia Associated Research Center, Newport News**

- Combined four-wall interference assessment in two-dimensional airfoil tests p 689 N83-45576

**Virginia Polytechnic Inst and State Univ, Blacksburg**

- Design for global damage tolerance and associated mass penalties p 214 N83-15321  
 Interaction of fan rotor flow with downstream struts [AIAA PAPER 83-0682] p 279 N83-25912

- Altitude transitions in energy climbs p 287 N83-26604

- Surface pressures induced on a flat plate with in-line and side-by-side dual jet configurations [AIAA PAPER 83-1849] p 500 N83-38677

- Optimal symmetric flight with an intermediate vehicle model  
[AIAA PAPER 83-2238] p 596 A83-41715
- Energy state revisited  
[AIAA PAPER 83-2138] p 598 A83-41960
- Damage tolerant design using collapse techniques  
p 695 A83-45591
- Structural optimization with aeroelastic constraints - A survey of US applications  
p 764 A83-49188
- Hereditary models for airfoils in unsteady aerodynamics, numerical approximations and parameter estimation  
[AD-A118446] p 179 N83-12050
- Feasibility of computing residual displacements in runways and crater repairs  
[AD-A118610] p 208 N83-12105
- Subsonic steady and unsteady aerodynamic loads on missiles and aircraft  
[NASA-CR-169749] p 190 N83-16284
- An on-board near-optimal climb-dash energy management  
[NASA-CR-169755] p 205 N83-16329
- Pressure investigation of NASA leading edge vortex flaps on a 60 deg Delta wing  
[NASA-CR-169984] p 244 N83-18672
- Comparative evaluation of twenty pilot workload assessment measure using a psychomotor task in a moving base aircraft simulator  
[NASA-CR-166457] p 249 N83-18702
- Injection, atomization, ignition and combustion of liquid fuels in high-speed air streams  
[AD-A125237] p 471 N83-27033
- A continuous vorticity panel method for the prediction of steady aerodynamic loads on lifting surfaces  
p 505 N83-29172
- Study of an automatic trajectory following control system  
[NASA-CR-166121] p 547 N83-29271
- An experimental study of pressures on 60 deg Delta wings with leading edge vortex flaps  
[NASA-CR-172833] p 583 N83-31576
- Development of a multilevel optimization approach to the design of modern engineering systems  
[NASA-CR-172184] p 678 N83-32796
- A fundamental approach to the sticking of insect residues to aircraft wings  
[NASA-CR-173063] p 679 N83-33875
- Theoretical investigation of the force and dynamically coupled torsional-axial-lateral dynamic response of eared rotors  
[NASA-CR-173013] p 705 N83-34656
- Sublethal effects of JP-4 on *Lepomis macrochirus*  
[AD-A128618] p 758 N83-35163
- Virginia Univ., Charlottesville.**  
Aircraft trajectories for reduced noise impact  
p 667 A83-43971
- Development of the design concepts for a medium-scale wind tunnel magnetic suspension system  
[NASA-CR-166042] p 176 N83-15320
- Vibration limiting of rotors by feedback control  
p 187 N83-15656
- Optimal passive frequency response control of helicopters by added structures  
p 526 N83-27976
- Minimum noise impact aircraft trajectories  
p 515 N83-29191
- Jet scaling effects in a USB propulsive lift configuration  
p 662 N83-32744
- Vitro Labs., Silver Spring, Md**  
Community rotorcraft air transportation Opportunities and benefits  
p 252 N83-20836
- Volkswagen A G, Wolfsburg (West Germany)**  
Development of ceramic automobile turbine engine components  
[BMFT-FB-T-83-025] p 554 N83-29407
- Von Karman Inst. for Fluid Dynamics, Rhode-Saint-Genese (Belgium)**  
Hot wire thermal lift development for measurement of flow reversal near a compressor blade  
p 216 N83-12274
- Laser-Doppler velocimeter (LDV) measurements of the velocity field of a leading edge vortex over a delta wing before and after vortex breakdown  
[VKI-TN-142] p 192 N83-16300
- The wake of a sideslipping wing in low speed flow  
[VKI-TN-143] p 192 N83-16301
- Propeller Performance and Noise, Volume 2  
[VKI-LS-1982-08-VOL-2] p 242 N83-18656
- Strike-wing-body combinations  
p 264 N83-18696
- Film Cooling and Turbine Blade Heat Transfer, volume 1  
[VKI-LS-1982-02-VOL-1] p 282 N83-18730
- Film Cooling and Turbine Blade Heat Transfer, volume 2  
[VKI-LS-1982-02-VOL-2] p 282 N83-18738
- Unsteady aerodynamic and aeroelastic properties on control surfaces in transonic flow  
p 314 N83-20902
- Comparison of computed and measured unsteady pressure fields of a supercritical wing  
p 314 N83-20903
- Aeroelastic problems of wings in transonic flow  
p 314 N83-20904
- Wind tunnel wall interference in unsteady transonic testing  
p 346 N83-20905
- Preliminary results of LDV surveys in the compressible leading edge vortex of a delta wing  
[VKI-TN-137] p 376 N83-23278
- Wind tunnel testing of three-dimensional models in wind tunnels with two adaptive walls  
[VKI-TN-147] p 665 N83-32781
- Vought Corp., Dallas, Tex.**  
Lessons from the past. STOL system studies and Ottawa-Montreal STOL demonstration  
p 252 N83-20837

## W

- Washington Univ., St. Louis, Mo**  
Design of helicopter rotor blades for optimum dynamic characteristics  
[NASA-CR-169940] p 266 N83-18716
- Failure mechanisms  
p 693 N83-33962
- Weather Squadron (28th), (MAC), New York 09127**  
Terminal forecast reference notebook for RAF Fairford, United Kingdom  
[AD-A126095] p 567 N83-29930
- Westinghouse Defense and Electronic Systems Center, Baltimore, Md**  
Instrument landing system localizer vector far field monitor development  
[FAA-RD-82-62] p 188 N83-13087
- Westinghouse Electric Corp., Concordville, Pa**  
Compressed-air energy storage preliminary design and site development program in an aquifer Volume 5, Part 1 Turbomachinery design  
[DE83-004005] p 362 N83-22759
- Westinghouse Electric Corp., Golden, Colo**  
Improved combustion-turbine efficiency with reformed-alcohol fuels  
[DE83-005713] p 699 N83-33169
- Reformed alcohol fuels for combustion turbines  
Technical and economic feasibility assessment  
[DE82-013921] p 694 N83-34071
- Westinghouse Research and Development Center, Pittsburgh, Pa**  
Labyrinth seal forces on a whirling rotor  
[NASA-CR-168016] p 339 N83-22198
- Westland Aircraft Ltd., Hayes (England)**  
Representation of airfoil behaviour  
p 192 N83-17472
- Westland Helicopters Ltd., Yeovil (England)**  
Advanced testing of lightning protection schemes for composite main rotor blades (helicopter)  
p 587 N83-31211
- Wichita State Univ., Kans**  
Studies of light twin wing-body interference  
[SAE PAPER 830709] p 580 A83-43319
- Wind tunnel force and pressure tests  
[NASA-CR-3439] p 190 N83-16287
- Analysis of incompressible separated flow around an airfoil with a finite-gap flap  
p 662 N83-32745
- Wills (W. P.), Dallas, Tex**  
Current practices on nighttime pavement construction asphaltic concrete  
[DOT/FAA/RD-80/121] p 207 N83-12101
- Wisconsin Univ., Madison**  
Transonic and nonlinear flow research  
[AD-A121477] p 246 N83-19719
- Wyle Labs., Inc., Arlington, Va**  
Should helicopter noise be measured differently from other aircraft noise? A review of the psychoacoustic literature  
[NASA-CR-3609] p 224 N83-13937
- Wyle Labs., Inc., Colorado Springs, Colo**  
The vibration test unit, a unique rail vehicle vibration test facility  
p 632 N83-30774
- Wyle Labs., Inc., El Segundo, Calif**  
Laboratory studies of scales for measuring helicopter noise  
[NASA-CR-3610] p 74 N83-11839
- A pilot study of human response to general aviation aircraft noise  
[NASA-CR-166053] p 238 N83-18404

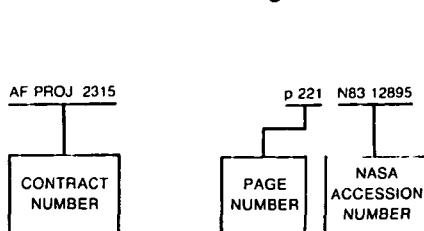
# CONTRACT NUMBER INDEX

AERONAUTICAL ENGINEERING / A Continuing Bibliography

JANUARY 1984

1983 Cumulative Index

## Typical Contract Number Index Listing



Listings in this index are arranged alphanumerically by contract number. Under each contract number, the accession numbers denoting documents that have been produced as a result of research done under that contract are arranged in ascending order with the AIAA accession numbers appearing first. The accession number denotes the number by which the citation is identified in the abstract section. Preceding the accession number is the page number on which the citation may be found.

NSF CPE 80-03483  
AA-80 SAC X8605  
AF PROJ 2394  
AF PROJ ILIR  
AF PROJ 1123  
AF PROJ 1900  
AF PROJ 2003

p 276 A83 24677  
p 216 N83-12279  
p 652 N83-32401  
p 638 N83-31735  
p 220 N83-16356  
p 471 N83-27035  
p 271 N83-19749  
p 271 N83-19750  
p 271 N83-19751  
p 476 N83-25934  
p 476 N83-25935  
p 476 N83-25938  
p 476 N83-25939  
p 530 N83-27990  
p 747 N83-34950  
p 631 N83-30440  
p 477 N83-25990  
p 297 N83-19820  
p 394 N83-23314  
p 147 N83-14102  
p 187 N83-16280  
p 302 N83-19953  
p 752 N83-36037  
p 553 N83-28212  
p 10 N83-10020  
p 179 N83-12050  
p 208 N83-12105  
p 217 N83-12380  
p 213 N83-16345  
p 246 N83-19718  
p 246 N83-19719  
p 267 N83-19745  
p 394 N83-23312  
p 395 N83-24510  
p 471 N83-26929  
p 646 N83-30968  
p 584 N83-31580  
p 618 N83-31605  
p 652 N83-32387  
p 652 N83-32408  
p 685 N83-32812  
p 747 N83-34949  
p 351 N83-21062  
p 471 N83-27033  
p 483 N83-27895  
p 749 N83-36035  
p 758 N83-35163  
p 205 N83-13116  
p 221 N83-12895  
p 198 N83-17526  
p 250 N83-19722

AF PROJ 2066  
AF PROJ 2104  
AF PROJ 2277  
AF PROJ 2303

AF PROJ 2304

AF PROJ 2305

AF PROJ 2306  
AF PROJ 2307

AF PROJ 2308

AF PROJ 2312  
AF PROJ 2313  
AF PROJ 2315  
AF PROJ 2348

AF PROJ 2361  
AF PROJ 2362  
AF PROJ 2401

AF PROJ 2402

AF PROJ 2403

AF PROJ 2404  
AF PROJ 2418

AF PROJ 2419  
AF PROJ 2480

AF PROJ 2505  
AF PROJ 2621

AF PROJ 3048

AF PROJ 3066

AF PROJ 3145

AF PROJ 327A  
AF PROJ 4519

AF PROJ 4600  
AF PROJ 4643  
AF PROJ 6095

AF PROJ 6231  
AF PROJ 6302  
AF PROJ 649E  
AF PROJ 7184  
AF PROJ 7231

p 402 N83-24523  
p 187 N83-16281  
p 68 N83-11521  
p 193 N83-12076  
p 193 N83-12077  
p 193 N83-12078  
p 184 N83-14530  
p 184 N83-14531  
p 184 N83-14532  
p 288 N83-18746  
p 527 N83-27982  
p 527 N83-27983  
p 549 N83-29275  
p 584 N83-31582  
p 718 N83-36002  
p 443 N83-26832  
p 610 N83-30413  
p 219 N83-13344  
p 155 N83-14114  
p 155 N83-14115  
p 155 N83-14117  
p 156 N83-14122  
p 206 N83-16332  
p 289 N83-19759  
p 373 N83-24468  
p 441 N83-25704  
p 305 N83-19562  
p 458 N83-25713  
p 553 N83-28211  
p 564 N83-29726  
p 759 N83-36227  
p 60 N83-10211  
p 758 N83-35162  
p 759 N83-36248  
p 759 N83-36249  
p 669 N83-33864  
p 548 N83-28008  
p 754 N83-36040  
p 60 N83-10210  
p 211 N83-12252  
p 351 N83-21169  
p 404 N83-23469  
p 758 N83-35162  
p 43 N83-10046  
p 184 N83-14543  
p 166 N83-15310  
p 167 N83-15311  
p 167 N83-15312  
p 225 N83-16401  
p 225 N83-16402  
p 359 N83-21357  
p 618 N83-31606  
p 748 N83-34951  
p 748 N83-34952  
p 749 N83-36034  
p 33 N83-11118  
p 360 N83-22517  
p 646 N83-31022  
p 749 N83-36036  
p 766 N83-36372  
p 577 N83-31569  
p 186 N83-15570  
p 563 N83-29579  
p 765 N83-36338  
p 186 N83-15558  
p 147 N83-14100  
p 189 N83-14973  
p 407 N83-23595  
p 351 N83-21168  
p 147 N83-14103  
p 390 N83-24503  
p 223 N83-12973  
p 191 N83-16154  
p 191 N83-16156  
p 197 N83-16311  
p 238 N83-17246  
p 238 N83-17247  
p 309 N83-19579  
p 368 N83-23118  
p 412 N83-24289  
p 510 N83-29190  
p 653 N83-31421  
p 653 N83-31422

AF PROJ 8809  
AF PROJ 9993  
AF PROJECT 2357  
AF-AFOSR-ISSA-00012-82  
AF-AFOSR-ISSA-81-00029  
AF-AFOSR-0020-81  
AF-AFOSR-0057-79  
AF-AFOSR-0059-82  
AF-AFOSR-0068-80  
AF-AFOSR-0102-81  
AF-AFOSR-0136-80  
AF-AFOSR-0168-81  
AF-AFOSR-0181-82  
AF-AFOSR-0222-82  
AF-AFOSR-0251-81  
AF-AFOSR-2954-76  
AF-AFOSR-3100  
AF-AFOSR-3485-78  
AF-AFOSR-3637-78  
AF-AFOSR-3640-78  
AF-AFOSR-79-0042  
AF-AFOSR-80-0047  
AF-AFOSR-80-0065  
AF-AFOSR-80 0098  
AF-AFOSR-80-0107  
AF-AFOSR-80-0136  
AF-AFOSR-80 0282  
AF-AFOSR-81-0037  
AF-AFOSR-81-0057  
AF-AFOSR-81-0107  
AF-AFOSR-82 0037  
AF-AFOSR-82 0134  
AF-AFOSR-82-0216  
AF-AFOSR-82-0250  
AFGL PROJ 4643  
ARPA ORDER 3723  
ARPA ORDER 4045-1  
A57B/566  
A73/KLU/096  
A74/K/077  
A76/KM/029  
A79/KLU/155  
BMFT-LEK-7831  
BMFT-LFK-7831  
BMFT LFL 8280  
BMFT-PT-754 04  
BMFT WRB-5018 9  
BMFT 03 E 4406 A  
CNR 80,00385,91  
CNR-80,01120 07  
DA PROJ N61-62209-AH-76  
DA PROJ 1H4-64202-DL-62  
DA PROJ 1L1 61102-A 71A  
DA PROJ 1L1 61102-AH-45  
DA PROJ 1L1-62209-AH 76  
DA PROJ 1L1 62601-AH-91  
DA PROJ 1L2 62209-AH-76  
DA PROJ 1L7-72733 AH-20  
DA PROJ 1T1-61102-BH-57  
DA PROJ 2Q1 62717-A 790  
DA PROJ 2Q2 63744-A-795  
DA PROJ 3E1-62773-A-819  
DA PROJ 3E1-62777 A-879  
DA PROJ 4A1 61101-A 910  
DA PROJ 4A7-62720-A-896  
DA-ERO-78-G 107  
DAAF03 73-C-0142  
DAAG29 76-C-0100  
DAAG29 78-G-0023  
DAAG29-78-G-0036

p 466 N83-25732  
p 381 N83-23285  
p 767 N83-36570  
p 36 A83-11188  
p 483 N83-27895  
p 419 A83-36046  
p 705 N83-33591  
p 10 N83-10020  
p 758 N83-35163  
p 179 N83-12050  
p 208 N83-12105  
p 718 N83-36002  
p 187 N83-16280  
p 700 N83-34096  
p 351 N83-21062  
p 618 N83-31605  
p 466 N83-26792  
p 143 A83-18378  
p 471 N83-27033  
p 553 N83-28212  
p 471 N83-26929  
p 620 A83-41697  
p 660 A83-45581  
p 224 A83-22019  
p 469 A83-36166  
p 286 A83-26544  
p 358 A83 29879  
p 502 A83-39099  
p 131 A83-16540  
p 131 A83-16544  
p 134 A83-28966  
p 243 A83-24039  
p 675 A83-43973  
p 741 A83-47981  
p 329 A83-29853  
p 399 A83-33361  
p 302 N83-20048  
p 389 N83-23300  
p 535 A83 38630  
p 552 N83-28084  
p 698 N83-33035  
p 560 N83-28317  
p 221 N83-17574  
p 585 N83-30398  
p 274 A83-24180  
p 736 A83-47194  
p 750 A83-47201  
p 249 N83-18703  
p 513 A83 38935  
p 233 N83-17748  
p 200 A83-22726  
p 200 A83-22727  
p 660 A83-45581  
p 332 N83 20939  
p 390 N83 24502  
p 549 N83 29274  
p 191 N83-16151  
p 316 N83-22165  
p 582 N83-30389  
p 184 N83-12056  
p 339 N83-22198  
p 510 N83-27970  
p 505 N83-29174  
p 529 N83-29201  
p 589 N83-31589  
p 515 N83-29194  
p 270 N83-18723  
p 296 N83-18858  
p 301 N83-19018  
p 653 N83-32518  
p 471 N83 25904  
p 187 N83-15676  
p 208 N83-12106  
p 57 N83-11149  
p 293 N83-18772  
p 293 N83 18772  
p 232 N83-16566  
p 223 N83 12974  
p 187 N83-15676  
p 549 N83 28010  
p 17 A83-10707  
p 661 A83-46438  
p 6 A83-10180

CONTRACT

## DAAG29-78-G-0039

DAAG29-78-G-0039  
DAAG29-78-G-0194  
DAAG29-79-C-0020  
DAAG29-79-C-0117  
DAAG29-80-C-0016  
DAAG29-80-K-0098  
DAAG29-81-K-0027  
DAAG29-81-K-0072

## DAAG29-82-K-0029

DAAG29-82-K-0176  
DAAG46-79-C-0089  
DAAH01-81-C-B196  
DAAH01-81-D-A003  
DAAH01-81-D-A012  
DAAJ01-77-C-0064  
DAAJ02-76-C-0044  
DAAK10-80-C-0114  
DAAK30-78-C-0039  
DAAK30-80-C-0073  
DAAK51-79-C-0026  
DAAK51-79-C-0045  
DAAK51-79-C-0060  
DAAK51-80-C-0027  
DAAK51-80-C-0037  
DAAK51-81-C-0034  
DAAK70-79-C-0114  
DAAK70-80-C-0001  
DAAK70-80-C-0152  
DAAK70-80-C-0168  
DAAK70-81-C-0177  
DAAK70-82-C-0001  
DAAK79-C-0018  
DAAK80-79-C-0268  
DAAK80-79-C-0302  
DAAK80-81-C-0089

DAAK80-81-C-0155  
DAJA37-80-C-0367  
DARPA ORDER 03293  
DARPA ORDER 3430  
DARPA ORDER 3608  
DARPA ORDER 4045-1  
DE-AC01-76ET-10348

DE-AC02-76ER-03077  
DE-AC02-77CH-00178

DE-AC02-78ET-29232  
DE-AC03-76SF-00098  
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DE-AC03-79CS-50095

DE-AC03-80SF-11510  
DE-AC04-76DP-00487  
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DE-AC04-76DP-35333  
DE-AC04-76DP00789  
DE-AC04-81AL-16338

DE-AC06-76RL-01830

DE-AI01-76ET-20320

DE-AI01-77CS-51040  
DE-AI01-77ET-13111  
DE-FC02-80CS-30339  
DE-FG01-79CS-20291  
DE-FG05-79ER-10063  
DEN3-0019  
DEN3-167

DEN3-168

DEN3-17

DITC-14ST67-023-08-0186

p 151 A83-18380  
p 180 N83-12051  
p 504 N83-27963  
p 164 N83-14131  
p 718 N83-36007  
p 180 N83-12051  
p 757 A83-49481  
p 152 A83-18382  
p 330 A83-29864  
p 618 A83-41073  
p 160 A83-16572  
p 468 A83-35247  
p 448 A83-35854  
p 714 A83-47941  
p 680 N83-33881  
p 491 N83-29171  
p 23 A83-11255  
p 528 N83-27986  
p 631 N83-30441  
p 143 A83-18378  
p 302 N83-20124  
p 503 A83-40008  
p 639 N83-31824  
p 515 N83-29194  
p 589 N83-31589  
p 477 N83-26081  
p 612 N83-31188  
p 510 N83-27970  
p 277 A83-24829  
p 184 N83-12056  
p 24 A83-11460  
p 471 N83-25904  
p 749 N83-36033  
p 645 N83-30921  
p 380 N83-23284  
p 471 N83-25904  
p 278 A83-24841  
p 257 A83-26264  
p 35 A83-11147  
p 28 N83-11107  
p 38 N83-11124  
p 706 A83-46639  
p 312 A83-28951  
p 209 A83-22882  
p 455 A83-36346  
p 25 A83-12879  
p 522 A83-38910  
p 699 N83-33173  
p 765 N83-35404  
p 705 N83-33591  
p 583 N83-30395  
p 699 N83-33169  
p 694 N83-34071  
p 362 N83-22759  
p 551 A83-39075  
p 646 N83-31028  
p 755 A83-47942  
p 553 N83-28273  
p 213 N83-16346  
p 213 N83-17457  
p 644 N83-30813  
p 632 N83-30443  
p 138 N83-15271  
p 198 N83-16313  
p 332 N83-20940  
p 361 N83-21495  
p 378 N83-24486  
p 410 N83-25226  
p 483 N83-27803  
p 594 N83-31593  
p 721 N83-34926  
p 665 N83-32772  
p 178 A83-15322  
p 276 A83-24669  
p 276 A83-24677  
p 226 N83-16531  
p 235 N83-18106  
p 361 N83-21509  
p 362 N83-22740  
p 362 N83-22747  
p 702 N83-34192  
p 394 N83-24505  
p 69 N83-10559  
p 401 N83-23332  
p 363 N83-22769  
p 562 N83-28458  
p 637 N83-30662  
p 763 A83-48030  
p 200 N83-12088  
p 708 N83-33800  
p 763 A83-48023  
p 763 A83-48030  
p 186 N83-15627  
p 763 A83-48030  
p 771 N83-37028  
p 580 A83-43318

DITC-9ST79-00040  
DLA900-79-C-1266  
DNA001-79-C-0415  
DOT-FA-79NA-6040  
DOT-FA01-80-C-10080  
DOT-FA01-80-1-Y-10524  
DOT-FA01-81-C-10041  
DOT-FA01-82-C-10003

DOT-FA01-82-Y-10513  
DOT-FA03-80-A-00215  
DOT-FA03-80-C-00098  
DOT-FA03-81-R-50006  
DOT-FA7WAI-242  
DOT-FA72-WAI-817  
DOT-FA72WAI-261

DOT-FA72WAI-877

DOT-FA74WA-3532  
DOT-FA74WAI-461  
DOT-FA77WA-4019  
DOT-FA77WAI-738  
DOT-FA77WAI-786  
DOT-FA77WAI-817  
DOT-FA79NA-6083  
DOT-FA79WA-4184  
DOT-FA79WA-4265

DOT-FA79WA-4310

DOT-FA79WA-4355  
DOT-FA80NA  
DOT-FH-11-8474  
DOT-FH-61-80-P-30115  
DOT-RS57-80-C-00103  
DRET-77-1234  
DRET-81-425  
DT-FA01-81-Y-10534  
DTFA-03081-C-00069

DTFA01-8-C-10072  
DTFA01-80-C-10030  
DTFA01-80-C-10080

DTFA01-80-C-10134  
DTFA01-80-Y-10524  
DTFA01-80-Y-10595  
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DTFA01-81-C-10031  
DTFA01-81-C-10068  
DTFA01-81-Y-10526  
DTFA01-82-C-10003

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DTFA03-81-C-00044  
DTFA03-81-C-00058  
DTFA03-81-C-00079  
DTFA03-82-C-00055  
DTUM60-81-C-71089

E(11-1)-3070  
E(49-18)-2295  
EG-77-C-01-4042

EPA-68-01-6151  
EPA-68-01-6154

EPA-68-01-6267  
EPA-68-02-2646  
EPA-68-03-2857  
EPRI PROJ 1081-3  
EPRI PROJ 1266-14  
EPRI PROJ 1884-6

p 580 A83-43318  
p 712 N83-34890  
p 155 N83-14113  
p 198 N83-12083  
p 724 N83-34930  
p 304 A83-24037  
p 431 A83-35192  
p 323 A83-28791  
p 511 A83-37141  
p 669 N83-33861  
p 188 A83-16583  
p 295 A83-25690  
p 318 A83-29855  
p 720 A83-49722  
p 220 N83-12867  
p 674 N83-32784  
p 188 N83-13086  
p 188 N83-13088  
p 698 N83-33016  
p 187 N83-12066  
p 187 N83-12067  
p 16 N83-11099  
p 28 N83-11108  
p 15 N83-10025  
p 15 N83-10026  
p 397 N83-24515  
p 58 N83-11150  
p 188 N83-13090  
p 393 N83-23308  
p 29 A83-10186  
p 200 N83-16314  
p 201 N83-16315  
p 201 N83-16316  
p 201 N83-16317  
p 201 N83-16318  
p 201 N83-16319  
p 201 N83-16320  
p 201 N83-16321  
p 201 N83-16322  
p 294 A83-24035  
p 469 A83-36240  
p 297 N83-19922  
p 407 N83-24742  
p 211 N83-12237  
p 293 N83-19762  
p 647 N83-31912  
p 29 A83-10186  
p 64 A83-11942  
p 64 A83-11779  
p 188 N83-13089  
p 333 N83-22189  
p 333 N83-22190  
p 28 N83-11109  
p 593 N83-31591  
p 187 N83-12061  
p 187 N83-12068  
p 188 N83-13087  
p 476 N83-25929  
p 187 N83-12069  
p 631 N83-30442  
p 594 N83-31592  
p 260 N83-18706  
p 324 N83-20927  
p 187 N83-12064  
p 148 N83-15279  
p 202 N83-16323  
p 479 N83-26320  
p 382 N83-24494  
p 674 N83-33870  
p 382 N83-24492  
p 383 N83-24499  
p 211 N83-12248  
p 404 N83-24711  
p 352 N83-22441  
p 319 N83-22171  
p 319 N83-22172  
p 694 N83-34068  
p 331 N83-20934  
p 140 N83-15272  
p 271 N83-18724  
p 721 N83-36010  
p 754 N83-36042  
p 218 A83-19949  
p 762 A83-47991  
p 583 N83-30395  
p 699 N83-33169  
p 694 N83-34071  
p 175 N83-12040  
p 69 N83-11628  
p 220 N83-16358  
p 176 N83-12041  
p 220 N83-13673  
p 471 N83-26934  
p 362 N83-22759  
p 73 N83-10887  
p 303 N83-20165

EPRI PROJ 1898-1  
ET-78-C-01-3391  
F-INK-82223-78-003-24-001  
FA-03-80-A-00215  
FAA PROJ 022-243-810  
FAA PROJ 034-243-510  
FAA PROJ 045-330-130  
FAA PROJ 045-390-130  
FAA PROJ 049-311-110  
FAA PROJ 052-241-04

FAA PROJ 052-243-340  
FAA PROJ 052-244-340  
FAA PROJ 054-241-04  
FAA PROJ 073-320-510  
FAA PROJ 081-502-520  
FAA PROJ 081-502-540  
FAA PROJ 081-502-590  
FAA PROJ 082-531-500  
FAA PROJ 144-170-900  
FAA PROJ 181-350-400  
FAA PROJ 181-350-430  
FAA PROJ 182-320-100  
FAA PROJ 184-32-130  
FAA PROJ 184-320-120  
FAA-144-170-830  
FA01-81-C-10007  
FFWF PROJECT 3864  
FLUIDYNE PROJ 1380  
FMV-F-FL-81713-74-013-07-001  
FMV-F-FL-82223-76-001-21-001  
F04606-79-G-0082  
F04611-81-C-0033  
F04701-78-C-0144  
F04704-81-C-0015  
F08635-78-C-0027  
F08635-79-C-0175  
F08635-79-C-0286  
F08635-80-C-0206

F08635-80-C-0359  
F08635-80-K-0340  
F08635-81-C-0170  
F08635-81-C-0235  
F08635-81-C-0301  
F08635-81-K-0096  
F08635-81-R-0211  
F08635-82-K-0102  
F09603-78-G-4368-0014  
F09603-81-G-1808  
F10628-80-C-0042  
F1628-81-C-0055  
F19628-77-C-0107  
F19628-80-C-0002

F19628-80-C-0042  
F19628-80-C-0064  
F19628-80-G-0042  
F19628-81-C-0005  
F29601-81-C-0013  
F29601-81-C-0031  
F30602-79-C-0068

F30602-79-C-0230  
F30602-80-C-0106  
F30602-81-C-0254  
F33615-76-C-0803  
F33615-76-C-1002  
F33615-76-C-1360  
F33615-76-C-2064  
F33615-76-C-2091  
F33615-76-C-2148  
F33615-76-C-5234  
F33615-77-C-1252

F33615-77-C-2029

F33615-77-C-3035  
F33615-77-C-3121

p 303 N83-20166  
p 694 N83-34067  
p 51 N83-10075  
p 665 N83-32780  
p 211 N83-12246  
p 359 N83-21212  
p 27 N83-11104  
p 233 N83-17770  
p 515 N83-29192  
p 186 N83-12059  
p 260 N83-18705  
p 188 N83-13086  
p 188 N83-13088  
p 698 N83-33016  
p 325 N83-22176  
p 720 N83-34920  
p 674 N83-32784  
p 610 N83-30412  
p 220 N83-17558  
p 58 N83-11151  
p 220 N83-17559  
p 360 N83-22593  
p 217 N83-12298  
p 509 N83-27968  
p 197 N83-16308  
p 319 N83-22173  
p 38 N83-10041  
p 618 N83-31604  
p 186 N83-12060  
p 217 N83-12299  
p 298 A83-24648  
p 690 N83-33906  
p 377 N83-23280  
p 377 N83-23280  
p 38 N83-11123  
p 270 N83-18720  
p 420 A83-36078  
p 324 A83-29214  
p 687 A83-43965  
p 20 A83-11140  
p 669 N83-33864  
p 631 N83-30440  
p 754 N83-36040  
p 471 N83-27035  
p 715 A83-48134  
p 511 A83-37136  
p 500 A83-38860  
p 140 A83-16494  
p 21 A83-11192  
p 590 A83-41662  
p 585 A83-42557  
p 18 A83-11102  
p 734 N83-36027  
p 217 N83-12300  
p 477 N83-25990  
p 144 A83-18647  
p 28 N83-11108  
p 187 N83-12066  
p 187 N83-12067  
p 220 N83-12867  
p 188 N83-13086  
p 188 N83-13088  
p 188 N83-13090  
p 674 N83-32784  
p 698 N83-33016  
p 147 N83-14103  
p 186 N83-15558  
p 63 A83-11085  
p 410 N83-25327  
p 548 N83-28008  
p 466 N83-25732  
p 186 N83-15570  
p 563 N83-29579  
p 221 N83-12895  
p 217 N83-12318  
p 765 N83-36312  
p 232 N83-16760  
p 66 N83-10330  
p 209 A83-22882  
p 33 N83-11118  
p 451 A83-36254  
p 534 A83-37997  
p 403 A83-33122  
p 271 N83-19749  
p 271 N83-19750  
p 271 N83-19751  
p 198 N83-17526  
p 250 N83-19722  
p 198 N83-13160  
p 355 A83-29751  
p 68 N83-11521  
p 193 N83-12077  
p 193 N83-12078  
p 184 N83-14530  
p 184 N83-14531  
p 184 N83-14532

CONTRACT NUMBER INDEX

NAS1-14459

F33615-77-C-3123	p 701	N83-34104	F33615-81-C-1501	p 21	A83-11182		p 342	N83-20952
F33615-77-C-5155	p 358	A83-29885	F33615-81-C-1512	p 63	A83-11089	NAG1-26	p 129	A83-16489
	p 638	N83-31735	F33615-81-C-2017	p 740	A83-47850		p 148	A83-16490
F33615-77-C-5221	p 338	A83-29856		p 740	A83-47951	NAG1-274	p 244	N83-18672
	p 184	N83-14543	F33615-81-C-3204	p 193	N83-12076		p 583	N83-31576
	p 166	N83-15310	F33615-81-C-3405	p 263	A83-25771	NAG1-282	p 397	N83-24512
	p 225	N83-16401	F33615-81-C-3409	p 610	N83-30413	NAG1-28	p 15	N83-10023
	p 225	N83-16402	F33615-81-C-5015	p 356	A83-29808	NAG1-300	p 679	N83-33875
	p 618	N83-31606	F33615-81-C-5016	p 394	N83-23314	NAG1-58	p 237	A83-19808
F33615-78-C-0018	p 402	N83-24523	F33615-81-C-5018	p 577	N83-31574		p 327	A83-28185
F33615-78-C-0500	p 653	N83-31422		p 654	N83-32667	NAG1-5	p 214	A83-15321
F33615-78-C-1563	p 20	A83-11128	F33615-81-K-2039	p 222	A83-19846	NAG1-75	p 408	N83-24796
F33615-78-C-2001	p 550	A83-38077	F33615-81-K-3007	p 305	N83-19562	NAG2-109	p 492	A83-37229
	p 351	N83-21169	F33615-81-K-3032	p 395	N83-24510	NAG2-110	p 13	N83-11086
F33615-78-C-2019	p 211	N83-12252	F33615-81-K-3034	p 134	A83-16781	NAG2-118	p 221	N83-13835
F33615-78-C-2024	p 60	N83-10211	F33615-81-K-5116	p 128	N83-14062	NAG2-175	p 598	A83-41962
F33615-78-C-2044	p 739	A83-47826	F33615-82-C-1872	p 651	A83-42575	NAG2-17	p 249	N83-18702
F33615-78-C-2062	p 533	A83-37973	F33615-82-C-3007	p 133	A83-16622	NAG2-72	p 157	N83-15283
	p 167	N83-15311	F33615-82-C-3406	p 586	N83-31192		p 266	N83-18718
	p 167	N83-15312	F33615-82-K-2252	p 531	A83-37219	NAG2-8	p 544	A83-37145
F33615-78-C-2063	p 508	A83-38076	F33615-82-M-2220	p 749	N83-36036	NAG3-11	p 282	N83-18729
	p 519	A83-38078	F33657-72-C-0242	p 457	A83-36412	NAG3-121	p 713	A83-47901
F33615-78-C-2072	p 43	N83-10046	F33657-72-C-089	p 198	A83-13160	NAG3-135	p 741	A83-47970
F33615-78-C-2080	p 60	N83-10210	F33657-77-C-0391	p 455	A83-36346	NAG3-181	p 212	A83-13521
	p 758	N83-35162	F33657-77-C-0479	p 36	A83-11188	NAG3-182	p 306	A83-25923
	p 759	N83-36248	F33657-79-C-0728	p 749	N83-36034	NAG3-189	p 307	A83-25924
	p 759	N83-36249	F33700-81-C-0057	p 404	N83-23466	NAG3-190	p 538	N83-29211
F33615-78-C-2401	p 160	A83-18456	F41608-81-C-B231	p 533	A83-37973	NAG3-202	p 366	A83-28011
	p 448	A83-35855	F44620-75-C-0016	p 581	A83-43454	NAG3-204	p 160	A83-16456
F33615-78-C-3145	p 511	A83-37063	F44620-81-C-0044	p 312	A83-29021		p 448	A83-35856
F33615-78-C-3602	p 155	N83-14117	F49620-77-C-0100	p 209	A83-22590	NAG3-20631	p 214	N83-17539
	p 156	N83-14122	F49620-77-C-0101	p 213	A83-14576	NAG3-214	p 357	A83-29823
F33615-78-C-3603	p 625	A83-41933	F49620-78-C-0045	p 685	N83-32812	NAG3-221	p 450	A83-35883
F33615-78-C-3608	p 436	A83-36214	F49620-78-C-0060	p 217	N83-12380	NAG3-231	p 274	A83-24038
F33615-78-C-3614	p 269	A83-26309	F49620-78-C-0069	p 153	A83-19579		p 392	A83-32791
F33615-78-C-3615	p 49	N83-10063	F49620-79-C-0130	p 205	N83-13116	NAG3-27	p 59	A83-11482
F33615-79-C-0525	p 510	N83-29190	F49620-79-C-0210	p 581	A83-43454	NAG3-28	p 212	A83-13133
F33615-79-C-2002	p 359	N83-21357	F49620-79-0189	p 482	A83-36077		p 131	A83-16525
F33615-79-C-2004	p 646	N83-31022	F49620-80-C-0050	p 297	N83-19820		p 138	N83-15265
F33615-79-C-2023	p 748	N83-34951	F49620-80-C-0078	p 394	N83-23312	NAG3-357	p 366	A83-28023
	p 748	N83-34952	F49620-80-C-0081	p 246	N83-19718	NAG3-37	p 181	A83-18383
F33615-79-C-2027	p 508	A83-38076		p 246	N83-19719		p 392	A83-32787
F33615-79-C-2036	p 747	N83-34950	F49620-81-C-0026	p 46	A83-11179	NAG3-50	p 74	N83-10970
F33615-79-C-2045	p 740	A83-47960		p 163	A83-19385	NAG3-5	p 298	A83-23596
F33615-79-C-2067	p 360	N83-22517		p 147	N83-14102	NAG3-62	p 448	A83-35856
	p 766	N83-36372	F49620-81-K-0014	p 213	N83-16345		p 201	N83-12093
F33615-79-C-3009	p 421	A83-36292	F49620-81-K-0018	p 492	A83-37229	NAG3-63	p 160	A83-16456
F33615-79-C-3030	p 718	N83-36002	F49620-82-C-0018	p 346	N83-20955	NAG3-65	p 428	A83-36042
F33615-79-C-3209	p 527	N83-27982		p 459	N83-25714	NAG3-67	p 223	N83-13936
	p 527	N83-27983		p 712	N83-34888	NAG3-71	p 668	N83-32782
F33615-79-C-3406	p 191	A83-15444	F49620-82-C-0043	p 584	N83-31580	NAG3-72	p 380	N83-23281
F33615-79-C-3618	p 204	N83-12100	F49620-82-C-0059	p 646	N83-30968	NAG3-8	p 276	A83-24669
	p 204	N83-13110	F49620-82-C-0061	p 130	A83-16507	NAG3-90	p 248	A83-25693
	p 206	N83-16332	F49620-82-C-0066	p 302	N83-19953	NAG4-1	p 687	A83-45462
	p 443	N83-26835	F49620-82-K-0002	p 475	A83-36354		p 342	N83-20951
F33615-79-C-5108	p 458	N83-25713		p 745	A83-48824	NASA ORDER A-83024-B	p 411	N83-24194
F33615-79-C-5109	p 553	N83-28211		p 747	N83-34949	NASA ORDER A-98346-B	p 510	N83-29186
F33615-79-C-5119	p 472	A83-33650	F49620-82-K-0009	p 652	N83-32401	NASA ORDER C-41581-B	p 539	N83-29234
F33615-80-C-0120	p 70	A83-11104	IPA-810-626-1	p 506	N83-29175	NASA ORDER H-59314-B	p 188	A83-16583
F33615-80-C-0512	p 351	N83-21168	MARAD-MA-80-SAC-0192	p 597	A83-41928		p 174	N83-14140
F33615-80-C-1095	p 476	N83-25934	MDA903-80-C-0235	p 57	N83-11149	NASW-2961	p 225	N83-14022
	p 476	N83-25935	MDA903-80-C-0641	p 214	A83-15160	NASW-3079	p 626	A83-41956
	p 476	N83-25938	MDA903-81-C-0166	p 155	N83-14116	NASW-3247	p 569	N83-30060
	p 476	N83-25939		p 401	N83-23330	NASW-3302	p 72	N83-10803
F33615-80-C-1096	p 23	A83-11242	MDA903-81-C-0281	p 679	N83-33880	NASW-3455	p 691	N83-33911
F33615-80-C-1209	p 147	N83-14100	MDA903-81-C-0395	p 266	N83-18717	NASW-3522	p 60	N83-10214
F33615-80-C-2008	p 713	A83-47888	MDA903-82-C-0246	p 389	N83-23300	NASW-3541	p 191	N83-16291
F33615-80-C-2047	p 533	A83-37973	MIPR-28-MP-075	p 407	N83-23595		p 293	N83-18771
F33615-80-C-3001	p 420	A83-36291	MIPR-79-102	p 425	N83-25675		p 400	N83-23324
F33615-80-C-3003	p 710	A83-48219	MIPR-79-404	p 625	N83-25675		p 401	N83-23328
F33615-80-C-3208	p 358	A83-29887	MM&T PROJ T785097	p 639	N83-31824		p 631	N83-30438
F33615-80-C-3212	p 502	A83-39099	MOD-AT/2037/084	p 583	N83-30397		p 684	N83-32809
F33615-80-C-3214	p 652	N83-32387	MOD-A12/1510	p 190	A83-18393		p 686	N83-33892
	p 652	N83-32408	MOD-K/LR32B/2175	p 64	A83-11942		p 690	N83-33908
F33615-80-C-3217	p 383	A83-30163	NAG1-52	p 287	A83-26604		p 691	N83-33909
	p 343	N83-22108	NAG1-109	p 491	N83-27952	NASW-3542	p 205	N83-16328
F33615-80-C-3401	p 598	A83-42533	NAG1-124	p 210	N83-17534		p 314	N83-20915
F33615-80-C-3404	p 191	A83-15444	NAG1-129	p 411	A83-31325		p 388	N83-23295
	p 516	A83-37879		p 309	N83-19576		p 393	N83-23310
F33615-80-C-3406	p 722	N83-36014	NAG1-13	p 246	N83-19709		p 582	N83-30394
F33615-80-C-3601	p 155	N83-14114	NAG1-145	p 678	N83-32796		p 631	N83-30439
	p 155	N83-14115	NAG1-156	p 279	A83-25912		p 584	N83-31579
F33615-80-C-3604	p 625	A83-41935	NAG1-157	p 47	A83-12458	NASW-3552	p 568	A83-38776
	p 49	N83-10063	NAG1-168	p 695	A83-45591	NASW-3554	p 187	N83-17454
	p 373	N83-24468	NAG1-180	p 249	N83-18701	NASW-3598	p 368	N83-22025
	p 441	N83-25704	NAG1-184	p 729	A83-48375	NAS1-10817	p 47	N83-10047
F33615-80-C-3606	p 219	N83-13344	NAG1-203	p 596	A83-41715	NAS1-11100	p 227	N83-17600
F33615-80-C-3617	p 324	A83-29212		p 598	A83-41960	NAS1-12426	p 132	N83-16602
F33615-80-C-5092	p 759	N83-36227		p 205	N83-16329	NAS1-13710	p 32	N83-11117
F33615-80-C-5140	p 214	A83-15211	NAG1-217	p 621	A83-41702	NAS1-14000	p 440	N83-25692
F33615-80-C-5168	p 404	N83-23426		p 217	N83-17556		p 440	N83-25693
F33615-80-C-5172	p 564	N83-29726	NAG1-229	p 161	A83-16705		p 440	N83-25694
F33615-80-C-5190	p 212	A83-13234	NAG1-238	p 668	N83-32783	NAS1-1400	p 605	N83-30404
F33615-80-K-3242	p 267	N83-19745	NAG1-250	p 266	N83-18716	NAS1-14447	p 328	A83-29780
F33615-81-C-1481	p 21	A83-11181	NAG1-254	p 621	A83-41709	NAS1-14459	p 693	N83-33955
	p 530	N83-27990		p 624	A83-41911		p 546	N83-27998



**NAS1-14632**

**CONTRACT NUMBER INDEX**

NAS1-14632	p 216	N83-17551	NAS1-15869	p 746	A83-49595	NAS3-21461	p 312	A83-29012
NAS1-14717	p 11	N83-11061	NAS1-16886	p 412	N83-25498	NAS3-21595	p 277	A83-24834
NAS1-14741	p 442	N83-26831	NAS1-16900	p 705	N83-34591		p 303	N83-20125
NAS1-14742	p 61	N83-11331	NAS1-16920	p 139	N83-14076	NAS3-21604	p 303	N83-20127
NAS1-14849	p 169	A83-18401	NAS1-16942	p 595	A83-41660	NAS3-21623	p 763	A83-48025
NAS1-14861	p 199	A83-15320		p 751	A83-50074	NAS3-21843	p 44	N83-11127
	p 190	N83-15042	NAS1-16952	p 408	N83-24876	NAS3-21854	p 490	A83-39941
NAS1-14869	p 607	N83-31595	NAS1-16978	p 306	A83-25916	NAS3-21987	p 221	A83-13136
NAS1-14952	p 61	N83-11248		p 572	N83-30165		p 222	N83-12968
	p 205	N83-16330	NAS1-17068	p 546	N83-27998	NAS3-22008	p 715	A83-48012
	p 605	N83-30403	NAS1-17070	p 491	N83-27952	NAS3-22039	p 506	N83-29178
NAS1-14970	p 616	N83-30428	NAS1-17070	p 562	N83-29448	NAS3-22042	p 202	N83-13103
NAS1-15069	p 606	N83-30405		p 705	N83-33591	NAS3-22045	p 741	A83-47964
	p 606	N83-30406	NAS1-17130	p 491	N83-27952	NAS3-22046	p 201	N83-12089
	p 635	N83-30522	NAS1-184	p 179	N83-12046	NAS3-22053	p 612	A83-40864
	p 607	N83-30796	NAS1-87416	p 307	A83-25934	NAS3-22057	p 684	N83-32804
NAS1-15072	p 189	N83-14929	NAS2-10021	p 26	N83-10027	NAS3-22109	p 534	A83-38001
NAS1-15073	p 195	N83-17515		p 334	N83-20941	NAS3-22133	p 42	N83-10044
NAS1-15085	p 189	A83-13161		p 391	N83-24504	NAS3-22137	p 72	A83-10183
NAS1-15094	p 190	A83-18397		p 612	N83-31602	NAS3-22139	p 359	N83-21314
NAS1-15116	p 345	N83-22213	NAS2-101085	p 204	N83-12099	NAS3-22140	p 214	N83-17545
NAS1-15214	p 660	A83-46437	NAS2-10211	p 665	N83-32777	NAS3-22143	p 332	N83-22188
NAS1-15268	p 379	A83-33360	NAS2-10263	p 192	N83-12072	NAS3-22148	p 501	A83-38798
	p 140	N83-15273	NAS2-10270	p 170	N83-15315		p 660	A83-45577
NAS1-15269	p 186	A83-20485		p 345	N83-22214	NAS3-22251	p 746	A83-49581
	p 225	N83-16397	NAS2-10330	p 340	A83-29016	NAS3-22392	p 637	N83-30551
NAS1-15279	p 177	N83-14169		p 344	N83-22207	NAS3-22431	p 617	N83-30432
NAS1-15325-10	p 236	N83-18304		p 344	N83-22208	NAS3-22480	p 478	N83-27213
NAS1-15325	p 605	N83-30401		p 344	N83-22210	NAS3-22511	p 228	N83-17728
	p 605	N83-30402		p 344	N83-22211	NAS3-22525	p 338	A83-29737
	p 666	N83-33852	NAS2-10411	p 368	N83-23240	NAS3-22531	p 377	N83-24474
NAS1-15327	p 578	A83-41902		p 369	N83-23241	NAS3-22533	p 357	A83-29824
NAS1-15351	p 134	A83-16707	NAS2-10670	p 27	N83-11101	NAS3-22543	p 60	N83-10207
NAS1-15357	p 500	A83-38685		p 27	N83-11102	NAS3-22546	p 174	N83-14139
NAS1-15371	p 637	N83-30539	NAS2-10691	p 176	N83-13065	NAS3-22738	p 426	N83-26816
NAS1-15388	p 238	N83-18404		p 206	N83-16331	NAS3-22742	p 537	N83-27996
NAS1-15428	p 235	A83-22825	NAS2-10743	p 26	N83-10029	NAS3-22743	p 747	N83-34944
NAS1-15497	p 389	N83-24500	NAS2-10762	p 190	A83-22132	NAS3-22751	p 495	A83-37957
	p 569	N83-30061	NAS2-10768	p 266	N83-19740	NAS3-22752	p 743	A83-48000
	p 569	N83-30062	NAS2-10770	p 427	N83-26820	NAS3-22760	p 270	N83-18720
NAS1-15534	p 180	N83-13073	NAS2-10771	p 376	N83-23275	NAS3-22762	p 454	A83-36316
NAS1-15593	p 170	N83-15317	NAS2-10777	p 216	A83-22160		p 538	N83-29221
NAS1-15678	p 316	N83-22163		p 262	A83-24430	NAS3-22765	p 159	N83-14123
	p 316	N83-22164	NAS2-10799	p 660	A83-46435	NAS3-22766	p 366	A83-28016
	p 377	N83-24479	NAS2-10815	p 310	N83-19652	NAS3-22783	p 59	A83-11050
NAS1-15764	p 606	N83-30407	NAS2-10855	p 608	N83-31597	NAS3-22829	p 404	N83-23464
NAS1-15820	p 502	A83-39356	NAS2-10880	p 754	N83-36041	NAS3-23037	p 213	N83-16343
NAS1-15884	p 139	N83-14077	NAS2-10907	p 32	N83-11113		p 238	N83-17242
NAS1-15955	p 304	N83-20445	NAS2-10934	p 467	N83-26849	NAS3-23046	p 450	A83-36250
NAS1-15969	p 198	N83-17523	NAS2-10981	p 743	A83-48002	NAS3-23157	p 505	N83-29174
	p 249	N83-18699	NAS2-11080	p 555	A83-37210	NAS3-23282	p 699	N83-33182
NAS1-16000	p 179	N83-12049	NAS2-11095	p 16	N83-11097	NAS3-23524	p 454	A83-36314
	p 207	N83-12102	NAS2-11120	p 437	A83-36285		p 645	N83-30959
	p 238	N83-17239	NAS2-11161	p 426	N83-26818	NAS3-24483	p 16	N83-11095
	p 265	N83-18713	NAS2-11179	p 397	N83-24515	NAS3-74	p 455	A83-36340
	p 679	N83-33876	NAS2-11184	p 589	N83-31586	NAS4-2308	p 154	N83-14107
	p 771	N83-35943	NAS2-11269	p 440	N83-25695	NAS4-2348	p 154	N83-14108
NAS1-16028	p 427	N83-26822	NAS2-11285	p 581	A83-43443	NAS4-2432	p 154	N83-14109
NAS1-16037	p 146	N83-14098	NAS2-11391	p 597	A83-41928	NAS4-2533	p 154	N83-14110
NAS1-16041	p 316	N83-22165	NAS2-11555	p 501	A83-38691	NAS4-2556	p 170	N83-15318
NAS1-16048	p 296	N83-18894		p 583	N83-31578	NAS4-2614	p 154	N83-14111
NAS1-16055	p 521	A83-38679	NAS2-19573	p 483	N83-27845	NAS4-2619	p 531	N83-29204
NAS1-16058	p 154	N83-14105	NAS2-7800	p 29	A83-10191	NAS4-2703	p 214	N83-17546
NAS1-16083	p 381	N83-24488	NAS2-8675	p 337	A83-28006	NAS4-2705	p 11	N83-11062
NAS1-16096	p 171	A83-16482	NAS2-9328	p 198	A83-13160	NAS4-2839	p 333	N83-22193
NAS1-16107	p 412	N83-25496	NAS2-9864	p 296	N83-18851		p 333	N83-22194
NAS1-16135	p 390	A83-30161	NAS2-9891	p 131	A83-16537	NAS4-2876	p 205	N83-13113
NAS1-16150	p 447	A83-35842	NAS3-10825	p 339	N83-22198	NAS4-2877	p 170	N83-15316
	p 421	A83-36363	NAS3-15337	p 233	N83-17880	NAS4-2906	p 288	N83-18744
NAS1-16156	p 528	N83-29198	NAS3-17859	p 302	N83-20124	NAS4-2930	p 442	N83-26829
NAS1-16205	p 169	A83-18401	NAS3-19408	p 686	N83-33894	NAS4-2941	p 344	N83-22212
	p 579	A83-41957	NAS3-20074	p 166	N83-15308		p 397	N83-23318
	p 180	N83-13070		p 178	N83-15412	NAS4-2995	p 397	N83-24513
	p 315	N83-20918		p 338	N83-20946	NAS5-24323	p 209	A83-22841
NAS1-16276	p 74	N83-11839	NAS3-20591	p 163	N83-14128	NAS5-25662	p 209	A83-22841
	p 224	N83-13937	NAS3-20606	p 629	N83-30435	NAS6-3072	p 386	A83-32579
NAS1-16284	p 281	A83-25959	NAS3-20609	p 763	A83-48025	NAS6-3077	p 530	A83-39807
NAS1-16303	p 547	N83-29270	NAS3-20616	p 202	N83-13104	NAS6-3232	p 362	N83-22689
NAS1-16363	p 262	A83-24178	NAS3-20629	p 212	N83-16342	NAS7-100	p 211	N83-12248
NAS1-16392	p 367	A83-29950	NAS3-20630	p 165	N83-15305	NAS8-33369	p 153	A83-19594
NAS1-16394	p 491	N83-27952		p 214	N83-17543		p 768	N83-36598
NAS1-16420	p 546	N83-27998		p 536	N83-27993	NAS8-33458	p 362	N83-21711
NAS1-16430	p 29	A83-10186	NAS3-20631	p 202	N83-13100	NAS8-33716	p 212	A83-13521
NAS1-16489	p 69	N83-11661	NAS3-20632	p 214	N83-17544	NAS8-33730	p 704	N83-34514
NAS1-16542	p 192	N83-12071		p 605	N83-30402	NAS8-34318	p 183	N83-14430
NAS1-16561	p 609	A83-41922	NAS3-20643	p 201	N83-12094	NAS8-34505	p 395	N83-24507
NAS1-16564	p 181	N83-13075		p 212	N83-16341	NAS8-34627	p 658	N83-33827
NAS1-16579	p 568	A83-37121		p 339	N83-22204	NAS8-34768	p 220	N83-13706
NAS1-16585	p 9	N83-10018		p 617	N83-30430	NAS8-35056	p 632	N83-31612
NAS1-16643	p 555	A83-37210	NAS3-20646	p 165	N83-15304		p 690	N83-33906
NAS1-16644	p 519	A83-38079		p 283	N83-19753	NAS9-16400	p 212	N83-13174
NAS1-16700	p 549	N83-29272		p 616	N83-30427	NAVY TASK LTV-78-5	p 175	A83-13912
NAS1-16742	p 420	A83-36287		p 616	N83-30429	NB81-NADA-2000	p 319	N83-22170
NAS1-16817	p 423	N83-25658	NAS3-20797	p 199	A83-15068	NB81-NADA-2007	p 319	N83-22174
	p 423	N83-25659	NAS3-21037	p 198	A83-13159	NCA2-OR-565-101	p 569	A83-38810
NAS1-16826	p 356	A83-29805	NAS3-21249	p 409	N83-24048	NCC1-14	p 498	A83-38653

NCC1-29	p 170	N83-15319	NSG-3048	p 531	A83-37092	N62269-78-C-0247	p 170	N83-14136
NCC1-48	p 248	N83-19714		p 567	A83-37093	N62269-78-C-0446	p 550	A83-37836
NCC1-65	p 665	N83-33843		p 338	N83-20945	N62269-78-F-0294	p 263	A83-25770
NCC1-6	p 72	A83-11915	NSG-3071	p 393	N83-23305	N62269-79-C-0206	p 390	A83-30159
	p 190	N83-15043	NSG-3161	p 455	N83-30960	N62269-80-C-0239	p 357	A83-29857
NCC1-70	p 766	N83-36509	NSG-3162	p 166	N83-15309	N62269-80-C-0240	p 224	A83-22166
NCC2-041	p 336	N83-22197	NSG-3218	p 137	N83-15264	N62269-80-C-0720	p 285	A83-24429
NCC2-106	p 593	N83-31590		p 160	A83-16572	N62269-80-M-2376	p 191	N83-16293
NCC2-13	p 181	A83-18386		p 714	A83-47941	N62269-80-MP-00034	p 419	A83-36046
NCC2-163	p 226	N83-16543		p 190	N83-16286	N62269-81-C-0395	p 441	N83-25699
NCC2-164	p 225	N83-16417	NSG-3239	p 705	N83-34656	N62269-81-C-0717	p 528	N83-29200
NCC2-191	p 482	A83-36096	NSG-3263	p 224	A83-22019	N62269-81-C-0729	p 621	A83-41710
NCC2-28	p 698	N83-33014		p 469	A83-36166	N62269-81-M-3248	p 191	N83-16293
NCC2-75	p 238	N83-17237	NSG-3270	p 713	A83-47901	N62269-82-C-0220	p 688	N83-33905
	p 238	N83-17238	NSG-3295	p 456	A83-36393	N62269-82-C-0233	p 441	N83-25700
	p 358	N83-21209	NSG-3303	p 361	N83-21509	N62269-82-WR-00232	p 198	N83-16312
NCC2-93	p 195	N83-17518		p 362	N83-22740	N62269-81-C-0534	p 149	N83-16516
NE PROJ HU-2262 1	p 195	N83-17518		p 362	N83-22747	N66314-70-A-0067	p 633	N83-31614
NE-5061-014	p 36	A83-11258	NSG-4018	p 203	A83-14843	N68335-80-C-2008	p 58	N83-11150
NGL-31-001-252	p 686	N83-33891	NSG-4019	p 37	A83-11903	N68335-81-C-4567	p 638	N83-31752
	p 226	N83-17597	NSG-4020	p 137	N83-15263	PROJ AGRISTARS	p 234	N83-16814
NGL-33-018-003	p 492	A83-37204	NSG-4024	p 565	A83-38764	PROJ SQUID	p 394	N83-23315
NGR-009-818	p 573	A83-40454	NSG-4026	p 24	A83-11902	PROJ 339	p 401	N83-23332
NGR-33-010-146	p 12	N83-11072	NSG-4027	p 305	N83-19487	PROJ-34-03-3320	p 552	N83-28084
NGR-33-016-167	p 313	A83-29927	NSG-7172	p 207	N83-12102	RB-KLU 1980-P59	p 207	N83-17532
NGR-33-016-201	p 12	N83-11072		p 349	N83-20971	RF41411801	p 425	N83-25676
	p 147	N83-15275	N00014-75-C-0144	p 51	N83-10075		p 504	N83-27962
NGR-36-009-017	p 147	N83-15276	N00014-75-C-0451	p 128	N83-14062	RR0140941	p 237	N83-18322
	p 148	N83-15277	N00014-75-C-0729	p 6	N83-11056	RR0240301	p 749	N83-36032
	p 313	A83-29927	N00014-76-C-0001	p 331	N83-20936	RR0420901	p 309	N83-20692
NGT-33-016-800	p 74	N83-10970	N00014-76-C-0182	p 243	A83-24039	SB9-448(A)81-C-480	p 187	N83-12064
NGT-36-001-800	p 74	N83-10970	N00014-76-C-1105	p 562	N83-29561	SRI PROJ 8066	p 200	N83-16314
NGT-36-001-801	p 403	N83-23421	N00014-77-C-0032	p 12	N83-11072		p 201	N83-16315
NIVR-1867	p 389	N83-23297	N00014-77-C-0033	p 12	N83-11072		p 201	N83-16316
NIVR-1947	p 389	N83-23298	N00014-78-C-0257	p 36	A83-11258		p 201	N83-16317
	p 566	A83-39120	N00014-78-C-0388	p 506	N83-29182		p 201	N83-16318
NOAA-NA-82RAA03404	p 749	N83-36032	N00014-78-C-0529	p 189	A83-19033		p 201	N83-16319
NR PROJ 094-395	p 309	N83-20692	N00014-78-C-0714	p 762	A83-48007		p 201	N83-16320
NR PROJ 196-167	p 6	N83-11056	N00014-79-C-0255	p 394	N83-23315		p 201	N83-16321
NR PROJ 347-020	p 484	A83-34852	N00014-79-C-0285	p 749	N83-36032		p 201	N83-16322
NSERC-A-1613	p 484	A83-34852	N00014-80-C-0453	p 378	N83-24482	STAE-77 93304	p 304	N83-20232
NSERC-A-3378	p 190	A83-22647	N00014-80-C-0454	p 301	N83-19062	STPA 79 98-012	p 8	A83-11773
NSERC-A-3662	p 190	A83-22647	N00014-80-C-0481	p 422	A83-36403	USASADWOC PROJ 82C-185A	p 193	N83-12074
NSERC-P-7901	p 566	A83-39120	N00014-80-C-0509	p 285	A83-24815	W-31-109-ENG-38	p 637	N83-30548
NSF ATM-79-00948	p 767	A83-49691	N00014-80-C-0517	p 222	A83-19846		p 766	N83-36499
	p 525	A83-39818	N00014-81-C-0017	p 309	N83-20692	W-7405-ENG-26	p 551	A83-39075
NSF ATM-80-17071	p 188	A83-16583	N00014-82-C-0143	p 218	N83-13292		p 363	N83-22817
NSF ATM-81-09828	p 188	A83-16583	N00014-82-C-0340	p 425	N83-25676		p 562	N83-28622
NSF ATM-82-05776	p 644	N83-30729		p 504	N83-27962	W-7405-ENG-36	p 176	N83-15321
NSF CEE-80-10891	p 595	A83-41081	N000167 81-C-0057	p 375	A83-32982		p 410	N83-25232
NSF CME-79-06304	p 561	N83-28377	N00019-72-C-0628	p 24	A83-11260		p 413	N83-25529
NSF CME-79-26003	p 568	A83-37128	N00019-76-C-0423	p 532	A83-37963		p 653	N83-32575
NSF ENG-77-07446	p 152	A83-18387		p 533	A83-37974	W-7405-ENG-48	p 304	N83-20430
NSF GME-79-06304	p 754	N83-34959	N00019-77-C-0202	p 194	N83-13092		p 360	N83-22498
NSF ISP 79-08955	p 213	A83-14576	N00019-77-C-0546	p 715	A83-48012	WF41400000	p 441	N83-25700
NSF MEA-78-00719	p 224	N83-13027	N00019-79-C-0491	p 302	N83-19135		p 461	N83-25716
NSF PRA-80-22613	p 224	N83-13028	N00019-79-C-0634	p 470	N83-25795		p 688	N83-33905
	p 176	N83-15320	N00019-80-C-0050	p 143	A83-18645		p 721	N83-36012
NSG-1010	p 190	N83-16287	N00019-80-C-0225	p 211	A83-22154	WF41460000	p 638	N83-31752
NSG-1165	p 288	N83-19756		p 457	A83-36412	WF41461000	p 302	N83-20007
NSG-1167	p 344	N83-22206	N00019-80-C-0430	p 203	N83-13105	WO584001	p 139	N83-14079
NSG-1177	p 530	N83-27989	N00019-80-C-0508	p 222	A83-20442	WR02302000	p 528	N83-25529
	p 13	N83-11086	N00019-81-C-0178	p 544	A83-37145	XE-1 1055-1	p 306	N83-25913
NSG-1200	p 190	N83-16284	N00019-81-C-0424	p 648	N83-31931	010-01-01-00-00	p 504	N83-27961
NSG-1262	p 764	A83-49188	N00019-81-C-0506	p 332	N83-20938	126-13-01-29-23	p 13	N83-11084
NSG-1266	p 411	N83-24184	N00019-81-C-0549	p 559	A83-40158	501-06-05-02	p 5	N83-11026
NSG-1306	p 218	A83-19949	N00019-82-C-0077	p 490	A83-39941	501-06-05-07	p 5	N83-11031
NSG-1323	p 547	N83-29271	N00024-79-C-6043	p 202	N83-12096		p 12	N83-11076
NSG-1354	p 236	N83-18307		p 483	N83-27796	501-15-01-04	p 5	N83-11030
NSG-1355	p 581	N83-30385		p 770	N83-36851	505-03-11	p 266	N83-19740
NSG-1357	p 666	N83-33854	N00024-80-C-5375	p 597	A83-41928	505-04-22	p 215	N83-17547
	p 692	A83-46810	N00024-83-C-5301	p 620	A83-41683	505-06-13-01	p 12	N83-11072
NSG-1483	p 355	A83-29766		p 685	N83-33885	505-06-31-02	p 4	N83-11018
NSG-1490	p 66	N83-10323	N00039-80-C-0032	p 285	A83-24434		p 12	N83-11077
NSG-1498	p 208	N83-13122	N00123-80-C-1564	p 682	A83-46640		p 12	N83-11078
NSG-1502	p 667	A83-43971	N00123-80-D-0033	p 703	N83-34313		p 13	N83-11083
NSG-1509	p 578	A83-41912		p 771	N83-37015	505-06-33-09	p 13	N83-11080
NSG-1560	p 181	N83-13076	N0014-80-K-0460	p 756	A83-48027	505-07-31-07	p 515	N83-29193
NSG-1561	p 329	A83-29844	N00140-79-C-1294	p 739	A83-47926	505-11-11-01	p 32	N83-11115
NSG-1578	p 433	A83-33506	N00140-80-C-0097	p 470	A83-36243	505-11-11-04	p 11	N83-11069
	p 435	A83-35948	N00167-80-M-4800	p 535	A83-38630		p 12	N83-11073
	p 600	A83-43673		p 522	A83-38910		p 13	N83-11081
NSG-1579	p 313	A83-29927	N00167-81-C-0057	p 426	N83-25679		p 13	N83-11085
NSG-1584	p 191	N83-16288	N00167-81-C-0075	p 535	A83-38630	505-15-83	p 427	N83-26819
	p 191	N83-16289		p 522	A83-38910	505-31-03-01	p 316	N83-22162
	p 168	A83-16497	N00167-81-C-0078	p 718	N83-36006	505-31-11	p 563	N83-29634
NSG-1587	p 244	N83-18663	N00167-82-M-3701	p 387	A83-32785	505-31-21-00-21	p 563	N83-29636
NSG-1623	p 424	N83-25667	N0021-79-C-0171	p 592	A83-41909		p 316	N83-22166
NSG-1633	p 375	A83-32977	N00421-81-C-0187	p 57	N83-11147		p 344	N83-22162
NSG-2142	p 359	N83-21210	N00421-83-R-0069	p 592	A83-41909		p 397	N83-23318
NSG-2156	p 493	A83-37381	N60921-81-C-0134	p 180	A83-17532		p 583	N83-31578
NSG-2194	p 218	A83-19949	N61339-78-C-0060	p 220	N83-16356	505-31-32	p 222	N83-12966
NSG-2230	p 244	N83-18662	N61339-80-C-0132	p 206	N83-16334		p 191	N83-16152
NSG-2291	p 573	A83-40454	N61339-80-D-0009	p 633	N83-31615		p 239	N83-18405
NSG-2347	p 190	A83-22138	N61339-81-C-0105	p 486	N83-25733		p 283	N83-19754
NSG-3012	p 427	N83-26819	N62269-76-C-0105	p 18	A83-11094		p 367	N83-23114

	p 368	N83-23115	505-33-73-01	p 68	N83-11513		p 344	N83-22210
	p 412	N83-24287	505-34-01	p 52	N83-11140	505-42-74	p 333	N83-22193
	p 424	N83-25662		p 462	N83-26846		p 333	N83-22194
505-31-33-01	p 174	N83-14138	505-34-02	p 339	N83-22201	505-42-81-00-00	p 221	N83-17560
505-31-33-04	p 317	N83-22167		p 712	N83-34885	505-43-02	p 9	N83-10019
505-31-33-05	p 190	N83-16287	505-34-03-03	p 396	N83-23317		p 194	N83-17509
	p 191	N83-16290	505-34-03-05	p 331	N83-20933		p 423	N83-25657
	p 582	N83-30389	505-34-03-06	p 288	N83-19758		p 504	N83-27957
505-31-33-09	p 292	N83-18770		p 461	N83-26844	505-43-09-07	p 316	N83-22161
505-31-33-12	p 706	N83-33684	505-34-11-11	p 217	N83-17552	505-43-13-01	p 288	N83-19757
505-31-41-03	p 666	N83-33846	505-34-11	p 187	N83-17451		p 315	N83-20918
505-31-42	p 163	N83-14127		p 288	N83-18745	505-43-14	p 204	N83-13110
	p 166	N83-15307		p 250	N83-19721	505-43-22	p 459	N83-26839
	p 228	N83-17728	505-34-13-34	p 411	N83-24212	505-43-23-01	p 11	N83-11059
	p 297	N83-19921	505-34-33-02	p 52	N83-11139		p 424	N83-25666
	p 338	N83-20947	505-34-33-05	p 32	N83-11114	505-43-23-02	p 771	N83-35943
	p 394	N83-24506	505-34-33-06	p 216	N83-17550	505-43-23-03	p 180	N83-13072
	p 553	N83-28255	505-34-43-05	p 189	N83-14929	505-43-23-04	p 9	N83-10016
	p 539	N83-29237		p 705	N83-34591		p 245	N83-18673
	p 746	N83-34941	505-35-01-05-00	p 548	N83-28006	505-43-23-09	p 665	N83-32776
505-31-43-01	p 365	N83-23049	505-35-13-01	p 234	N83-16951	505-43-43-01	p 138	N83-15266
	p 582	N83-30388		p 706	N83-33682		p 194	N83-17508
505-31-43-03	p 246	N83-19714		p 707	N83-34713		p 195	N83-17510
505-31-44	p 208	N83-13124	505-35-21	p 16	N83-11098		p 207	N83-17530
	p 288	N83-18744		p 249	N83-18702		p 265	N83-18713
505-31-51	p 483	N83-27845		p 358	N83-21209		p 315	N83-22157
	p 608	N83-31597		p 359	N83-21210		p 417	N83-26785
	p 718	N83-34906		p 526	N83-27978		p 573	N83-29170
505-31-53-06	p 56	N83-10082	505-35-23-03	p 335	N83-22196		p 666	N83-33848
	p 207	N83-12102		p 736	N83-36028		p 733	N83-36022
	p 217	N83-12395	505-35-23-04	p 319	N83-22168	505 43-43-04	p 427	N83-26821
505-31-53-10	p 174	N83-14140	505-35-23-30	p 271	N83-19748	505-43-53-01	p 679	N83-33876
	p 176	N83-15320	505-35-23-31	p 668	N83-32783	505-43-83-03	p 754	N83-36039
	p 424	N83-25660	505-35-33-01	p 266	N83-18715	505-43-92	p 200	N83-12087
	p 549	N83-29273		p 333	N83-22191	505-44-12	p 159	N83-14123
505-31-54	p 359	N83-21314		p 333	N83-22192		p 138	N83-15265
	p 682	N83-33883	505-35-33-02	p 221	N83-12959	505-44-13-01	p 15	N83-10024
505-31-63-03	p 219	N83-13419	505-36-24	p 137	N83-15263		p 139	N83-14077
505-31-73-01	p 582	N83-30391	505-40-02	p 339	N83-22200	505-44-21-01	p 352	N83-22320
505-31-93-01	p 491	N83-27951		p 459	N83-26838	505-45-01A	p 668	N83-32782
505-32-02	p 73	N83-10885		p 536	N83-27991	505-45-02	p 139	N83-14078
	p 222	N83-12968	505-40-12-01	p 571	N83-28984	505-45-03-01	p 669	N83-33859
505-32-03-01	p 190	N83-16150	505-40-22	p 183	N83-14432	505-45-11	p 589	N83-31586
505-32-03-06	p 73	N83-10883		p 409	N83-24048		p 702	N83-34278
505-32-12	p 282	N83-18729		p 537	N83-27995	505-45-12	p 270	N83-18720
505-32-2A	p 10	N83-11058		p 539	N83-29236	505-45-23-01	p 359	N83-21391
	p 201	N83-12093		p 617	N83-30431		p 527	N83-27979
505-32-2B	p 42	N83-10045	505-40-32	p 128	N83-14061		p 733	N83-34935
	p 43	N83-11125		p 311	N83-22092	505-45-23	p 564	N83-29733
505-32-32	p 60	N83-10207		p 506	N83-29178	505-45-43-02	p 718	N83 36000
	p 282	N83-18725	505-40-42	p 408	N83-24858	505-53-11	p 290	N83 18748
	p 686	N83-33893	505-40-5A	p 408	N83-24829	505-55-31	p 32	N83-11113
	p 747	N83-34948	505-40-5B	p 159	N83-15302	505-58-23-01	p 362	N83-21730
505-32-33	p 505	N83-29174		p 458	N83-25711	506-31-32	p 412	N83-25499
505-32-4A	p 201	N83-12090		p 563	N83-29597	506-51 11-08-00-21	p 217	N83-12393
505-32-42	p 67	N83-10425	505-40-6B	p 214	N83-17545	506-51 11	p 478	N83-27149
	p 218	N83-12433		p 539	N83-29235		p 652	N83-32397
	p 186	N83-15629	505-40-6C	p 746	N83-34942	506-51-21-01-00-21	p 377	N83-24473
	p 226	N83-16528	505-40-62C	p 684	N83-32810	506-53-23	p 766	N83 36509
	p 232	N83-16758		p 747	N83-34946	506-53-43-01	p 648	N83-32095
	p 458	N83-25712	505-40-62	p 352	N83-22442	506-53-53-07	p 702	N83-34226
505-32-52	p 377	N83-24474	505-40-82	p 747	N83-34947	506-53-63-05	p 561	N83-28378
505-32-6A	p 163	N83-14126	505-41-13-01	p 191	N83-16288	512-52	p 26	N83 10027
	p 183	N83-14523		p 191	N83-16289	512-54-11	p 411	N83-24194
	p 166	N83-15306	505-41-14	p 11	N83-11062	512 54-14	p 205	N83-13113
	p 747	N83-34945	505-41-33-01	p 67	N83-10442		p 442	N83-26829
	p 44	N83-11128		p 183	N83-14521	516-50-23-01	p 11	N83-11071
	p 305	N83-19496	505-41-61	p 270	N83-18721	516-53-01-11	p 11	N83-11070
505-32-72	p 61	N83-11340	505-41-63-03	p 530	N83-27989	523-02-61	p 198	N83-13095
505-32-82	p 42	N83-10044	505-41-73-01	p 198	N83-17523	530-01-13-01	p 581	N83-30387
	p 395	N83-24509	505-41-83-02	p 30	N83-10034	530-01-13-02	p 249	N83-18701
505-33-1A	p 554	N83-29358	505-42-11	p 157	N83-15283	530-04-13	p 140	N83-15273
505-33-12	p 61	N83-11282		p 266	N83-18718	530-05-12	p 44	N83-11129
505-33-22	p 214	N83-17542		p 343	N83-22205	532-01-11	p 260	N83-18704
	p 703	N83-34372		p 376	N83-23275		p 266	N83-19739
505-33-32	p 178	N83-15364		p 377	N83-24472	532-02-11	p 461	N83 26845
	p 470	N83-25790		p 440	N83-25695	532-04-11	p 216	N83 16349
505-33-33-01	p 210	N83-12147		p 427	N83-26820	532-06-11	p 265	N83-18712
	p 177	N83-14170		p 571	N83-28986		p 266	N83-18717
505-33-41	p 265	N83-18710		p 665	N83-32777		p 310	N83-19652
505-33-43-07	p 234	N83-17899		p 688	N83-33904		p 368	N83-23240
505-33-43-08	p 301	N83-19124	505-42-13-01	p 377	N83-24471		p 369	N83 23241
505-33-43-09	p 426	N83-26815	505-42-21-01	p 316	N83-22165	532-06-12	p 201	N83 12091
505-33-52	p 393	N83-23306	505-42-21-06-00	p 506	N83-29180		p 201	N83 12092
505-33-53-01	p 31	N83-10035	505-42-21	p 48	N83-10049		p 537	N83-27996
505-33-53-03	p 73	N83-11838		p 205	N83-13114	532-06-13-01	p 178	N83-15361
505-33-53-05	p 527	N83-27980		p 315	N83-22159	532-06-13-03	p 191	N83-16151
505-33-53-07	p 192	N83-12070		p 571	N83-28985	533-01-13-01	p 552	N83 28098
505-33-53-09	p 720	N83-34921	505-42-23-01	p 301	N83-19018	533-02 21	p 339	N83 22203
505-33-53-12	p 678	N83-32796		p 377	N83-24478	533-02-91	p 216	N83 16350
505-33-54	p 154	N83-14107	505-42-23-03	p 297	N83-19815	533-03-14	p 205	N83-13115
	p 154	N83-14108	505-42-23-06	p 316	N83-22165	534-02-13-03	p 582	N83-30390
	p 154	N83-14109	505-42-39-69	p 608	N83-31596	534-02-13-21	p 53	N83-11142
	p 154	N83-14110	505-42-42	p 561	N83-28455	534-02-22	p 536	N83 27994
	p 154	N83-14111	505-42-51	p 344	N83-22207	534-03-13-01	p 638	N83 31730
505-33-63-03	p 9	N83-10017		p 344	N83-22208	534-03-13	p 564	N83-29732

CONTRACT NUMBER INDEX

992-21-01

534-04-13-52	p 72	N83-10803
	p 210	N83-17535
534-04-13-54	p 209	N83-16338
534-04-13-55	p 382	N83-24490
535-02-12	p 68	N83-11514
535-03-12	p 74	N83-11840
	p 367	N83-21895
	p 367	N83-23112
	p 712	N83-34886
535-04-12	p 214	N83-17543
	p 214	N83-17544
535-05-12	p 684	N83-32811
720-01-11-02	p 52	N83-11141
742-73-01-14	p 4	N83-11019
	p 4	N83-11020
742-73-02-01	p 12	N83-11074
742-73-02-03	p 6	N83-11034
743-01-12-02	p 316	N83-22163
760-17-01-01	p 32	N83-11116
760-64-01-05	p 5	N83-11027
	p 5	N83-11028
760-64-60-01	p 4	N83-11025
760-64-60-04	p 4	N83-11022
	p 6	N83-11033
766-73-60-04	p 4	N83-11021
	p 4	N83-11024
767-73-01-04	p 4	N83-11023
	p 5	N83-11029
	p 6	N83-11032
776-31-41	p 702	N83-34192
776-33-41	p 362	N83-22747
778-14-10	p 69	N83-10559
909-21-01	p 265	N83-18714
992-21-01	p 204	N83-13112

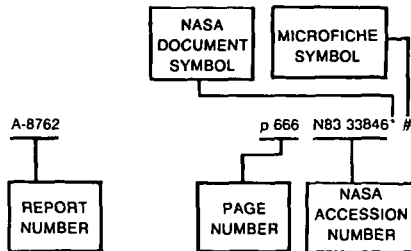
# REPORT NUMBER INDEX

AERONAUTICAL ENGINEERING / A Continuing Bibliography

JANUARY 1984

1983 Cumulative Index

## Typical Report Number Index Listing



Listings in this index are arranged alphanumerically by report number. The page number indicates the page on which the citation is located. The accession number denotes the number by which the citation is identified. An asterisk (\*) indicates that the item is a NASA report. A pound sign (#) indicates that the item is available on microfiche.

A-8762 p 666 N83-33846\* #  
A-8816 p 221 N83-17560\* #  
A-8925 p 179 N83-12048\* #  
A-8955 p 515 N83-29193\* #  
A-8977 p 216 N83-16350\* #  
A-8992 p 16 N83-11098\* #  
A-8993 p 461 N83-26845\* #  
A-9011 p 47 N83-10048\* #  
A-9033 p 48 N83-10051\* #  
A-9034 p 260 N83-18704\* #  
A-9053 p 263 N83-18714\* #  
A-9056-PT-1 p 48 N83-10049\* #  
A-9056-PT-2 p 48 N83-10050\* #  
A-9063 p 204 N83-13112\* #  
A-9067 p 217 N83-17552\* #  
A-9076 p 396 N83-23316\* #  
A-9077 p 217 N83-12393\* #  
A-9080 p 571 N83-28985\* #  
A-9081 p 216 N83-16349\* #  
A-9084 p 205 N83-13114\* #  
A-9091 p 52 N83-11140\* #  
A-9094 p 265 N83-18712\* #  
A-9132 p 187 N83-17451\* #  
A-9136 p 192 N83-16273\* #  
A-9143 p 478 N83-27148\* #  
A-9164 p 377 N83-24473\* #  
A-9169 p 316 N83-22166\* #  
A-9176 p 270 N83-18721\* #  
A-9177 p 288 N83-18745\* #  
A-9185 p 311 N83-22091\* #  
A-9187 p 266 N83-19739\* #  
A-9218 p 352 N83-22320\* #  
A-9220 p 343 N83-22205\* #  
A-9225 p 250 N83-19721\* #  
A-9243 p 315 N83-22159\* #  
A-9255 p 718 N83-34906\* #  
A-9263 p 563 N83-29636\* #  
A-9297 p 462 N83-26846\* #  
A-9301 p 571 N83-28986\* #  
A-9332 p 478 N83-27149\* #  
A-9343 p 377 N83-24472\* #  
A-9359 p 563 N83-29634\* #  
A-9371 p 548 N83-28006\* #  
A-9375 p 504 N83-27961\* #  
A-9399 p 506 N83-29180\* #  
A-9404 p 652 N83-32397\* #  
A-9432 p 702 N83-34278\* #  
A-9440 p 688 N83-33904\* #  
  
AAAF PAPER NT 81-11 p 8 A83-11772 #  
AAAF PAPER NT 81-12 p 8 A83-11773 #  
AAAF PAPER NT 81-15 p 8 A83-11775 #  
AAAF PAPER NT 81-19 p 8 A83-11778 #  
AAAF PAPER NT 81-23 p 64 A83-11779 #  
AAAF PAPER NT 82-01 p 392 A83-33159 #

AAAF PAPER NT 82-02  
AAAF PAPER NT 82-03  
AAAF PAPER NT 82-16  
AAAF PAPER NT 82-18

AAAF PAPER NT-82-15

AAAF-NT-80-49  
AAAF-NT-81-01  
AAAF-NT-81-22

AAS PAPER 83-041

AC-150/5220-13A  
AC-150/5340-26

ACEE-01-FR-2995  
ACEE-03-PR-9642

ACT R-82-01

ACT 100

AD-A107106

AD-A115100

AD-A115626

AD-A116852

AD-A116984

AD-A117425

AD-A117448

AD-A117449

AD-A117465

AD-A117469

AD-A117487

AD-A117511

AD-A117512

AD-A117520

AD-A117526

AD-A117555

AD-A117597

AD-A117599

AD-A117600

AD-A117601

AD-A117602

AD-A117603

AD-A117745

AD-A117747

AD-A117807

AD-A117859

AD-A118038

AD-A118047

AD-A118070

AD-A118071

AD-A118075

AD-A118101

AD-A118117

AD-A118129

AD-A118134

AD-A118142

AD-A118169

AD-A118181

AD-A118185

AD-A118247

p 388 A83-33160 #  
p 376 A83-33161 #  
p 393 A83-33167 #  
p 388 A83-33169 #

p 396 A83-33166 #

p 223 N83-12976 #  
p 194 N83-13093 #  
p 194 N83-12081 #

p 691 A83-44168 #

p 465 N83-25728 #  
p 219 N83-16352 #

p 216 N83-17551\* #  
p 607 N83-31595\* #

p 219 N83-13338 #

p 187 N83-12063 #

p 188 N83-17455 #

p 66 N83-10330 #

p 207 N83-12103 #

p 38 N83-11123 #

p 26 N83-10030 #

p 67 N83-10378\* #

p 15 N83-10025 #

p 15 N83-10026 #

p 3 N83-10003 #

p 31 N83-10036 #

p 58 N83-11151 #

p 60 N83-10210 #

p 27 N83-10031 #

p 58 N83-11150 #

p 60 N83-10211 #

p 57 N83-11149 #

p 28 N83-11110 #

p 56 N83-10083 #

p 56 N83-10084 #

p 57 N83-10085 #

p 57 N83-10086 #

p 57 N83-10087 #

p 38 N83-10041 #

p 38 N83-10042 #

p 43 N83-10046 #

p 10 N83-10020 #

p 27 N83-11105 #

p 6 N83-11056 #

p 443 N83-26835 #

p 204 N83-12100 #

p 16 N83-11100 #

p 28 N83-11107 #

p 53 N83-11143 #

p 33 N83-11119 #

p 53 N83-11144 #

p 38 N83-11124 #

p 33 N83-11118 #

p 57 N83-11147 #

p 6 N83-11035 #

p 27 N83-11104 #

AD-A118665  
AD-A118692  
AD-A118704  
AD-A118756

AD-A118761

AD-A118768  
AD-A118773  
AD-A118796  
AD-A118819  
AD-A118827

AD-A118828

AD-A118838  
AD-A118856  
AD-A118857

AD-A118862  
AD-A118884  
AD-A118894

AD-A118895

AD-A118897

AD-A118899

AD-A118909

AD-A118913

AD-A118961

AD-A118962

AD-A118964

AD-A118965

AD-A118968

AD-A118991

AD-A119004

AD-A119023

AD-A119067

AD-A119114

AD-A119137

AD-A119168

AD-A119191

AD-A119221

AD-A119222

AD-A119223

AD-A119237

AD-A119274

AD-A119314

AD-A119324

AD-A119357

AD-A119358

AD-A119399

AD-A119406

AD-A119407

AD-A119408

AD-A119421

AD-A119427

AD-A119440

AD-A119489

AD-A119517

AD-A119525

AD-A119543

AD-A119544

AD-A119545

AD-A119551

AD-A119560

p 217 N83-12380 #  
p 184 N83-12055 #  
p 208 N83-12104 #  
p 180 N83-12053 #

p 223 N83-12972 #

p 193 N83-12078 #  
p 223 N83-12973 #  
p 223 N83-12974 #  
p 202 N83-12096 #  
p 184 N83-12056 #

p 187 N83-12069 #

p 211 N83-12252 #  
p 193 N83-12077 #  
p 193 N83-12078 #  
p 182 N83-14369 #

p 220 N83-16356 #  
p 203 N83-13105 #  
p 10 N83-11057 #

p 170 N83-14134 #

p 189 N83-14954 #

p 188 N83-13090 #

p 188 N83-13089 #

p 209 N83-13125 #

p 128 N83-14063 #

p 155 N83-14112 #

p 184 N83-14532 #

p 184 N83-14531 #

p 184 N83-14530 #

p 139 N83-14079 #

p 67 N83-10433 #

p 155 N83-14113 #

p 205 N83-13116 #

p 218 N83-13292 #

p 219 N83-13338 #

p 176 N83-13066 #

p 159 N83-14124 #

p 189 N83-14973 #

p 155 N83-14115 #

p 155 N83-14114 #

p 293 N83-18772 #

p 219 N83-13344 #

p 146 N83-14099 #

p 178 N83-14294 #

p 45 N83-11138 #

p 176 N83-13067 #

p 178 N83-14287 #

p 156 N83-14122 #

p 156 N83-14121 #

p 184 N83-14543 #

p 156 N83-14120 #

p 183 N83-14387 #

p 147 N83-14102 #

p 67 N83-11390 #

p 175 N83-14142 #

p 174 N83-14141 #

p 175 N83-14143 #

p 175 N83-14144 #

p 177 N83-14173 #

p 156 N83-14119 #

p 67 N83-10403 #

REPORT

AD-A119963	p 186	N83-15558	#	AD-A122953	p 394	N83-23315	#	AD A124792	p 477	N83-26023	#
AD-A119974	p 166	N83-15310	#	AD-A122962	p 394	N83-23314	#	AD-A124819	p 483	N83-27796	#
AD-A119998	p 167	N83-15311	#	AD-A122963	p 404	N83-23426	#	AD-A124837	p 459	N83-26840	#
AD-A119999	p 167	N83-15312	#	AD-A122965	p 404	N83-23469	#	AD-A124852	p 466	N83-25735	#
AD-A120009	p 232	N83-16566	#	AD-A122973	p 382	N83-23290	#	AD-A124870	p 443	N83-26833	#
AD A120078	p 186	N83-12060	#	AD A123002	p 402	N83-24524	#	AD-A124871	p 462	N83-26848	#
AD A120080	p 148	N83-15279	#	AD-A123003	p 373	N83-23272	#	AD-A124882	p 432	N83-26828	#
AD-A120081	p 138	N83-15269	#	AD-A123007	p 389	N83-23301	#	AD-A124896	p 428	N83-26825	#
AD-A120187	p 202	N83-16323	#	AD-A123034	p 394	N83-23313	#	AD-A124949	p 443	N83-26832	#
AD-A120202	p 206	N83-16332	#	AD-A123037	p 381	N83-23288	#	AD A124966	p 443	N83-26834	#
AD-A120255	p 197	N83-16311	#	AD-A123039	p 372	N83-23269	#	AD-A124974	p 483	N83-27801	#
AD-A120331	p 197	N83-16310	#	AD-A123041	p 401	N83-23331	#	AD-A124987	p 460	N83-26841	#
AD-A120351	p 187	N83-16280	#	AD-A123056	p 407	N83-23595	#	AD-A125005	p 432	N83-25691	#
AD-A120424	p 167	N83-15313	#	AD-A123060	p 372	N83-23271	#	AD-A125022	p 483	N83-27895	#
AD-A120470	p 213	N83-16345	#	AD A123064	p 389	N83-23300	#	AD-A125025	p 471	N83-27034	#
AD-A120473	p 206	N83-16334	#	AD-A123069	p 409	N83-24073	#	AD-A125035	p 471	N83-27035	#
AD-A120486	p 186	N83-15570	#	AD-A123125	p 394	N83-23312	#	AD-A125036	p 481	N83-27624	#
AD-A120507	p 191	N83-16156	#	AD-A123188	p 429	N83-25684	#	AD-A125195	p 470	N83-25829	#
AD-A120508	p 238	N83-17246	#	AD A123281	p 440	N83-25696	#	AD-A125237	p 471	N83-27033	#
AD-A120509	p 238	N83-17247	#	AD A123416	p 383	N83-24499	#	AD-A125266	p 478	N83-27260	#
AD-A120510	p 198	N83-16312	#	AD-A123450	p 227	N83-17609	#	AD-A125270	p 442	N83-25705	#
AD-A120595	p 202	N83-16325	#	AD-A123467	p 413	N83-25500	#	AD-A125275	p 471	N83-25904	#
AD-A120627	p 187	N83-16281	#	AD-A123534	p 402	N83-24523	#	AD-A125393	p 548	N83-28008	#
AD-A120665	p 167	N83-15314	#	AD A123579	p 407	N83-24732	#	AD-A125401	p 509	N83-27969	#
AD-A120671	p 211	N83-12246*	#	AD-A123674	p 373	N83-24468	#	AD-A125423	p 548	N83-28007	#
AD-A120682	p 191	N83-16253	#	AD-A123703	p 390	N83-24502	#	AD-A125428	p 529	N83-29201	#
AD-A120791	p 191	N83-16154	#	AD-A123713	p 466	N83-25731	#	AD-A125457	p 678	N83-32797	#
AD-A120830	p 191	N83-16293	#	AD A123726	p 441	N83-25704	#	AD-A125533	p 515	N83-29194	#
AD-A120834	p 148	N83-15278	#	AD-A123753	p 459	N83-25714	#	AD-A125546	p 515	N83-29195	#
AD-A120866	p 302	N83-20048	#	AD-A123782	p 466	N83-25730	#	AD-A125587	p 527	N83-27984	#
AD-A120870	p 267	N83-19743	#	AD A123848	p 417	N83-25656	#	AD-A125593	p 546	N83-28000	#
AD-A120882	p 267	N83-19742	#	AD A123856	p 479	N83-26322	#	AD A125614	p 528	N83-27986	#
AD-A121012	p 137	N83-14064	#	AD-A123932	p 459	N83-25715	#	AD-A125619	p 561	N83-28387	#
AD-A121026	p 301	N83-19062	#	AD-A123961	p 487	N83-26783	#	AD A125620	p 514	N83-27972	#
AD-A121191	p 260	N83-18706	#	AD-A123981	p 416	N83-25655	#	AD-A125622	p 549	N83-28009	#
AD-A121228	p 215	N83-17549	#	AD-A123982	p 426	N83-25677	#	AD-A125630	p 528	N83-27987	#
AD-A121253	p 198	N83-17526	#	AD A124013	p 466	N83-25732	#	AD-A125639	p 553	N83-28211	#
AD-A121301	p 309	N83-19579	#	AD A124016	p 470	N83-25795	#	AD-A125640	p 553	N83-28212	#
AD-A121379	p 305	N83-19562	#	AD-A124024	p 466	N83-25733	#	AD-A125642	p 510	N83-27970	#
AD A121423	p 289	N83-19759	#	AD A124067	p 504	N83-27962	#	AD-A125644	p 560	N83-28308	#
AD-A121426	p 310	N83-20707	#	AD A124068	p 425	N83-25676	#	AD-A125667	p 527	N83-27985	#
AD-A121477	p 246	N83-19719	#	AD A124079	p 426	N83-25679	#	AD-A125687	p 311	N83-22093	#
AD-A121485	p 288	N83-18746	#	AD-A124097	p 479	N83-26320	#	AD-A125731	p 527	N83-27982	#
AD-A121602	p 237	N83-18322	#	AD A124111	p 267	N83-19747	#	AD-A125732	p 527	N83-27983	#
AD-A121618	p 296	N83-18858	#	AD-A124122	p 347	N83-20957	#	AD-A125749	p 530	N83-27990	#
AD A121647	p 351	N83-21062	#	AD A124222	p 217	N83-17555	#	AD-A125764	p 504	N83-27963	#
AD-A121662	p 246	N83-19718	#	AD A124247	p 378	N83-24482	#	AD-A125796	p 562	N83-29561	#
AD-A121688	p 351	N83-21169	#	AD A124260	p 188	N83-17470	#	AD-A125819	p 531	N83-29205	#
AD-A121721	p 250	N83-19722	#	AD A124264	p 395	N83-24510	#	AD-A125873	p 564	N83-29726	#
AD-A121725	p 302	N83-19953	#	AD A124276	p 410	N83-25327	#	AD-A125882	p 506	N83-29182	#
AD-A121733	p 332	N83-20938	#	AD A124307	p 390	N83-24503	#	AD-A125883	p 479	N83-26367	#
AD-A121746	p 359	N83-21357	#	AD A124426	p 445	N83-25710	#	AD-A125978	p 528	N83-29199	#
AD A121749	p 332	N83-20937	#	AD A124462	p 477	N83-25990	#	AD-A126004	p 767	N83-36570	#
AD-A121793	p 271	N83-19749	#	AD-A124468	p 441	N83-25700	#	AD-A126060	p 539	N83-29238	#
AD-A121794	p 271	N83-19750	#	AD A124506	p 462	N83-26847	#	AD-A126095	p 567	N83-29930	#
AD-A121795	p 271	N83-19751	#	AD-A124523	p 425	N83-25675	#	AD-A126126	p 549	N83-28010	#
AD-A121900	p 302	N83-19135	#	AD-A124566	p 441	N83-25703	#	AD-A126132	p 531	N83-29206	#
AD-A121979	p 31	N83-10039	#	AD A124581	p 416	N83-25654	#	AD-A126182	p 539	N83-29239	#
AD-A121989	p 267	N83-19744	#	AD-A124583	p 441	N83-25699	#	AD-A126199	p 510	N83-29190	#
AD-A122037	p 301	N83-18953	#	AD-A124585	p 458	N83-25713	#	AD-A126215	p 567	N83-29555	#
AD-A122040	p 302	N83-20007	#	AD A124595	p 416	N83-25653	#	AD-A126217	p 563	N83-29579	#
AD-A122061	p 157	N83-15284	#	AD-A124603	p 527	N83-27981	#	AD-A126261	p 528	N83-29200	#
AD-A122092	p 267	N83-19746	#	AD-A124610	p 546	N83-27999	#	AD-A126272	p 549	N83-29274	#
AD A122096	p 293	N83-19763	#	AD A124611	p 416	N83-25652	#	AD-A126291	p 491	N83-29171	#
AD-A122111	p 304	N83-20500	#	AD A124619	p 476	N83-25939	#	AD-A126317	p 549	N83-29275	#
AD-A122127	p 271	N83-19752	#	AD-A124620	p 476	N83-25938	#	AD-A126416	p 669	N83-33860	#
AD A122163	p 153	N83-14104	#	AD-A124621	p 476	N83-25934	#	AD-A126436	p 666	N83-33856	#
AD-A122166	p 297	N83-19820	#	AD-A124622	p 476	N83-25935	#	AD-A126443	p 198	N83-17524	#
AD-A122208	p 250	N83-19723	#	AD A124645	p 477	N83-26081	#	AD-A126449	p 669	N83-33861	#
AD-A122220	p 250	N83-19725	#	AD-A124661	p 481	N83-26637	#	AD-A126456	p 679	N83-33879	#
AD-A122248	p 427	N83-26824	#	AD-A124662	p 477	N83-26099	#	AD-A126478	p 747	N83-34949	#
AD A122269	p 324	N83-20930	#	AD-A124663	p 424	N83-25669	#	AD-A126527	p 705	N83-34598	#
AD-A122302	p 289	N83-19760	#	AD-A124667	p 461	N83-25716	#	AD-A126739	p 721	N83-34924	#
AD-A122312	p 267	N83-19745	#	AD-A124670	p 440	N83-25698	#	AD-A126810	p 658	N83-33841	#
AD-A122314	p 250	N83-19724	#	AD-A124680	p 479	N83-26345	#	AD-A126851	p 653	N83-31421	#
AD-A122355	p 360	N83-22517	#	AD-A124681	p 444	N83-25709	#	AD-A126859	p 585	N83-30399	#
AD-A122386	p 331	N83-20936	#	AD-A124688	p 395	N83-24511	#	AD-A126872	p 606	N83-30408	#
AD-A122451	p 333	N83-22195	#	AD-A124693	p 378	N83-24483	#	AD-A126909	p 646	N83-30968	#
AD-A122497	p 346	N83-20955	#	AD-A124695	p 425	N83-25670	#	AD-A126919	p 645	N83-30967	#
AD-A122515	p 767	N83-49698	#	AD-A124699	p 440	N83-25697	#	AD-A126922	p 606	N83-30409	#
AD-A122538	p 331	N83-20935	#	AD-A124700	p 481	N83-26501	#	AD-A127014	p 638	N83-31734	#
AD-A122548	p 351	N83-21168	#	AD-A124703	p 424	N83-25668	#	AD-A127073	p 652	N83-32408	#
AD A122577	p 309	N83-20692	#	AD-A124713	p 430	N83-25685	#	AD-A127140	p 584	N83-31580	#
AD-A122601	p 368	N83-23118	#	AD-A124715	p 461	N83-25719	#	AD-A127142	p 694	N83-34068	#
AD-A122623	p 332	N83-20939	#	AD-A124716	p 461	N83-25718	#	AD-A127146	p 325	N83-22177	#
AD-A122667	p 417	N83-26787	#	AD-A124720	p 425	N83-25674	#	AD-A127157	p 593	N83-31591	#
AD-A122788	p 315	N83-20923	#	AD-A124722	p 425	N83-25673	#	AD-A127160	p 645	N83-30921	#
AD A122815	p 311	N83-20908	#	AD-A124732	p 441	N83-25701	#	AD-A127165	p 637	N83-30555	#
AD-A122829	p 339	N83-20950	#	AD-A124739	p 470	N83-25793	#	AD-A127191	p 606	N83-30410	#
AD-A122844	p 412	N83-24289	#	AD-A124741	p 461	N83-25717	#	AD-A127246	p 648	N83-31931	#
AD A122868	p 311	N83-20907	#	AD-A124749	p 476	N83-25948	#	AD-A127267	p 654	N83-31519	#
AD-A122870	p 381	N83-23285	#	AD-A124757	p 441	N83-25702	#	AD-A127278	p 631	N83-30441	#
AD-A122872	p 382	N83-23289	#	AD-A124761	p 432	N83-25688	#	AD-A127291	p 646	N83-31022	#
AD A122879	p 401	N83-23330	#	AD-A124770	p 442	N83-26830	#	AD-A127304	p 646	N83-30997	#
AD-A122917	p 380	N83-23284	#	AD-A124771	p 425	N83-25671	#	AD-A127331	p 576	N83-30356	#
AD A122926	p 471	N83-26929	#	AD-A124791	p 477	N83-26103	#	AD-A127336	p 631	N83-30440	#

AD-A127344	p 610	N83-30413	#	AD-A129817	p 759	N83-36227	#	AFIT-LSSR-64-82	p 402	N83-24524	#
AD-A127398	p 631	N83-30442	#	AD-A129833	p 754	N83-36041	#	AFIT-LSSR-70-82	p 416	N83-25655	#
AD-A127419	p 653	N83-31422	#	AD-A129841	p 524	A83-39802	#	AFIT-LSSR-74-82	p 373	N83-23272	#
AD-A127422	p 637	N83-30673	#	AD-A129876	p 610	N83-30414	#	AFIT-LSSR-80-82	p 654	N83-31519	#
AD-A127425	p 617	N83-30433	#	AD-A130074	p 722	N83-36015	#	AFIT-LSSR-85-82	p 394	N83-23313	#
AD-A127440	p 629	N83-31607	#	AD-A130114	p 752	N83-36037	#	AFIT-LSSR-86-82	p 577	N83-31573	#
AD-A127450	p 577	N83-31569	#	AD-A130117	p 734	N83-36026	#	AFIT-LSSR-92-82	p 339	N83-20950	#
AD-A127523	p 708	N83-34844	#	AD-A130409	p 754	N83-36040	#				
AD-A127557	p 608	N83-31598	#	AD-A130414	p 771	N83-37015	#	AFIT/CI/NR-83-5T	p 765	N83-35418	#
AD-A127579	p 632	N83-31613	#	AD-A130463	p 539	N83-29234	#				
AD-A127663	p 639	N83-31824	#	AD-A130524	p 734	N83-36025	#	AFIT/DS/AA/82-1	p 428	N83-26825	#
AD-A127674	p 654	N83-32677	#	AD-A130550	p 718	N83-36002	#				
AD-A127709	p 618	N83-31605	#	AD-A130883	p 550	N83-29277	#	AFIT/GAE/AA/79D-4	p 425	N83-25674	#
AD-A127739	p 652	N83-32401	#	AD-A130952	p 646	N83-31061	#	AFIT/GAE/AA/81D-19	p 459	N83-26840	#
AD-A127744	p 618	N83-31606	#	AD-A131159	p 700	N83-34095	#	AFIT/GAE/AA/81D-2	p 549	N83-28009	#
AD-A127827	p 648	N83-32071	#	AD-A132030	p 159	N83-15303	#	AFIT/GAE/AA/82D-11	p 395	N83-24511	#
AD-A127828	p 594	N83-31592	#					AFIT/GAE/AA/82D-13	p 441	N83-25701	#
AD-A127862	p 589	N83-31587	#	AD-D432830	p 66	N83-10231	#	AFIT/GAE/AA/82D-15	p 470	N83-25793	#
AD-A127892	p 638	N83-31735	#	AD-D432842	p 66	N83-10253	#	AFIT/GAE/AA/82D-16-PT-1	p 477	N83-26099	#
AD-A127950	p 584	N83-31582	#					AFIT/GAE/AA/82D-19	p 461	N83-25717	#
AD-A127969	p 638	N83-31752	#	AD-E000506	p 237	N83-18322	#	AFIT/GAE/AA/82D-1	p 441	N83-25702	#
AD-A127987	p 589	N83-31588	#	AD-E000517	p 382	N83-23289	#	AFIT/GAE/AA/82D-22	p 378	N83-24483	#
AD-A128015	p 589	N83-31589	#	AD-E400962	p 549	N83-28010	#	AFIT/GAE/AA/82D-23	p 424	N83-25668	#
AD-A128065	p 702	N83-34241	#	AD-E950357	p 528	N83-27986	#	AFIT/GAE/AA/82D-27	p 461	N83-25719	#
AD-A128068	p 669	N83-33864	#	AD-E950376	p 631	N83-30441	#	AFIT/GAE/AA/82D-28	p 425	N83-25671	#
AD-A128150	p 736	N83-34940	#					AFIT/GAE/AA/82D-30	p 425	N83-25673	#
AD-A128162	p 345	N83-22215	#	AD-F400070	p 178	N83-14287	#	AFIT/GAE/AA/82D-34	p 424	N83-25669	#
AD-A128200	p 669	N83-33862	#					AFIT/GAE/AA/82D-3	p 477	N83-26023	#
AD-A128226	p 733	N83-34936	#	AD-P000923	p 701	N83-34148	#	AFIT/GAE/AA/82D-4	p 442	N83-26830	#
AD-A128235	p 652	N83-32387	#					AFIT/GAE/AA/82D-8	p 477	N83-26103	#
AD-A128248	p 577	N83-31571	#	AD-TR-82-68	p 381	N83-23285	#	AFIT/GAE/AA/82D-9	p 461	N83-25718	#
AD-A128263	p 608	N83-31599	#								
AD-A128293	p 733	N83-34937	#	ADR-1164	p 192	N83-12072	#	AFIT/GAE/EE/82D-1	p 462	N83-26848	#
AD-A128297	p 685	N83-33885	#								
AD-A128323	p 633	N83-31614	#	AD124287	p 188	N83-17490	#	AFIT/GAE/82D-10	p 425	N83-25670	#
AD-A128331	p 629	N83-31608	#								
AD-A128337	p 718	N83-34913	#	AEDC-TR 82 10	p 208	N83-12104	#	AFIT/GCS/EE/82D-12	p 466	N83-25735	#
AD-A128386	p 685	N83-32812	#								
AD-A128440	p 550	N83-29276	#	AERO-A 08 01 04	p 663	N83-32751	#	AFIT/GCS/MA/82D-4	p 481	N83-26637	#
AD-A128472	p 703	N83-34313	#	AERO-A 08 01 02	p 663	N83-32747	#				
AD-A128503	p 733	N83-34938	#	AERO-A 08 01 03	p 663	N83-32747	#	AFIT/GE/EE/81D-47	p 629	N83-31607	#
AD-A128522	p 654	N83-32667	#	AERO-A 08 01 04	p 663	N83-32747	#	AFIT/GE/EE/81D-48	p 53	N83-11144	#
AD-A128530	p 633	N83-31615	#	AERO-3525	p 310	N83-20707	#	AFIT/GE/EE/81D-55	p 53	N83-11143	#
AD-A128532	p 608	N83-31601	#					AFIT/GE/EE/82D-24	p 444	N83-25709	#
AD-A128548	p 577	N83-31574	#	AFAMRL TR-81 103	p 510	N83-29190	#	AFIT/GE/EE/82D-43	p 440	N83-25697	#
AD-A128558	p 648	N83-32031	#	AFAMRL TR-81 148-SUPPL	p 412	N83-24289	#	AFIT/GE/EE/82D-45	p 430	N83-25685	#
AD-A128565	p 754	N83-34957	#	AFAMRL TR-81-24	p 390	N83-24503	#	AFIT/GE/EE/82D-55	p 432	N83-26828	#
AD-A128579	p 630	N83-31609	#	AFAMRL TR-82-51	p 197	N83-16311	#	AFIT/GE/EE/82D-56	p 476	N83-25948	#
AD-A128584	p 577	N83-31573	#	AFAMRL TR-82-64	p 351	N83-21168	#	AFIT/GE/EE/82D-61	p 479	N83-26345	#
AD-A128590	p 608	N83-31600	#	AFAMRL TP-83-020	p 653	N83-31422	#	AFIT/GE/EE/82J-12	p 481	N83-26501	#
AD-A128618	p 758	N83-35163	#					AFIT/GE/EE/82J-12	p 16	N83-11100	#
AD-A128624	p 751	N83-34955	#	AFAPL-TR 79 2126	p 417	N83-26787	#	AFIT/GE/EE/82M-1	p 27	N83-11105	#
AD-A128625	p 765	N83-35416	#					AFIT/GE/EE/83M-2	p 646	N83-30997	#
AD-A128628	p 390	N83-23302	#								
AD-A128633	p 724	N83-34930	#	AFESC/ESL-TR-81-14	p 669	N83-33864	#	AFIT/GOR/MA/82D-2	p 443	N83-26833	#
AD-A128635	p 758	N83-35162	#	AFESC/ESL-TR 82-18	p 548	N83-28008	#				
AD-A128675	p 749	N83-36032	#	AFESC/ESL-TR 82-38	p 471	N83-27035	#	AFRL-155	p 471	N83-25904	#
AD-A128687	p 721	N83-36032	#	AFESC/ESL-TR 82-40	p 631	N83-30440	#				
AD-A128702	p 712	N83-34889	#	AFESC/ESL-TR 82-41-VOL-1	p 754	N83-36040	#	AFOSR-82-0619TR	p 10	N83-10020	#
AD-A128717	p 724	N83-34932	#					AFOSR-82-0652TR	p 217	N83-12380	#
AD-A128720	p 333	N83-22190	#	AFFTC-TIH-82-2	p 606	N83-30408	#	AFOSR-82-0669TR	p 208	N83-12105	#
AD-A128722	p 759	N83-36249	#					AFOSR-82-0841TR	p 351	N83-21062	#
AD-A128741	p 712	N83-34890	#	AFFTC-TIM-81-2 VOL-1	p 14	N83-11089	#	AFOSR-82-0874TR	p 187	N83-16280	#
AD-A128744	p 748	N83-34951	#	AFFTC-TIM-81-3	p 156	N83-14119	#	AFOSR-82-0911TR	p 213	N83-16345	#
AD-A128745	p 748	N83-34952	#					AFOSR-82-0954TR	p 246	N83-19719	#
AD-A128758	p 333	N83-22189	#	AFGL-ERP 781	p 302	N83-20048	#	AFOSR-82-0992TR	p 302	N83-19953	#
AD-A128762	p 747	N83-34950	#					AFOSR-82-1007TR	p 246	N83-19718	#
AD-A128841	p 680	N83-33881	#	AFGL-IP-311	p 148	N83-15278	#	AFOSR-82-1038TR	p 297	N83-19820	#
AD-A128896	p 674	N83-33870	#					AFOSR-82-1086TR	p 394	N83-23312	#
AD-A128902	p 688	N83-33905	#	AFGL-TR-82-0123	p 186	N83-15558	#	AFOSR-83-0025TR	p 471	N83-27033	#
AD-A128959	p 679	N83-33880	#	AFGL-TR 82-0132	p 767	N83-36570	#	AFOSR-83-0047TR	p 483	N83-27895	#
AD-A128966	p 721	N83-36012	#	AFGL-TR 82-0174	p 302	N83-20048	#	AFOSR-83-0095TR	p 553	N83-28212	#
AD-A128974	p 734	N83-36024	#	AFGL-TR 82-0200	p 148	N83-15278	#	AFOSR-83-0147TR	p 747	N83-34949	#
AD-A129007	p 383	N83-24495	#	AFGL-TR 82-0328	p 410	N83-25327	#	AFOSR-83-0196TR	p 646	N83-30968	#
AD-A129017	p 325	N83-22176	#	AFGL-TR 82-0343	p 767	A83-49698	#	AFOSR-83-0232TR	p 584	N83-31580	#
AD-A129024	p 397	N83-24515	#	AFGL-TR 82-0366	p 479	N83-26367	#	AFOSR-83-0334TR	p 652	N83-32401	#
AD-A129031	p 759	N83-36248	#	AFGL-TR-83-0154	p 524	A83-39802	#	AFOSR-83-0354TR	p 618	N83-31605	#
AD-A129039	p 712	N83-34888	#					AFOSR-83-0426TR	p 685	N83-32812	#
AD-A129141	p 722	N83-36014	#	AFHRL TP-82-24	p 187	N83-16281	#	AFOSR-83-0443TR	p 758	N83-35163	#
AD-A129167	p 770	N83-36849	#								
AD-A129168	p 540	N83-29241	#	AFHRL-TR-82-30	p 402	N83-24523	#	AFWAL-TR-80-2112	p 33	N83-11118	#
AD-A129255	p 734	N83-36027	#	AFHRL TR-82-3	p 220	N83-16356	#	AFWAL-TR-81-1131-PT-1	p 476	N83-25939	#
AD-A129256	p 770	N83-36852	#					AFWAL-TR-81-1131-PT-2	p 476	N83-25938	#
AD-A129269	p 749	N83-36034	#	AFIT-CI-NR-82-63D	p 478	N83-27260	#	AFWAL-TR-81-1131-PT-3-VOL-1	p 476	N83-25934	#
AD-A129303	p 765	N83-36312	#	AFIT-CI-NR-82-69T	p 678	N83-32797	#	AFWAL-TR-81-1131-PT-3-VOL-2	p 476	N83-25935	#
AD-A129317	p 713	N83-35993	#	AFIT-CI-NR-83-11T	p 638	N83-31734	#	AFWAL-TR-81-1222	p 147	N83-14100	#
AD-A129356	p 765	N83-36338	#	AFIT-CI-NR-83 12T	p 630	N83-31609	#	AFWAL-TR-81-2056-PT-1	p 60	N83-10210	#
AD-A129433	p 576	N83-30357	#	AFIT-CI-NR-83-6T	p 645	N83-30967	#	AFWAL-TR-81-2056-PT-3	p 759	N83-36249	#
AD-A129455	p 770	N83-36988	#	AFIT-CI-NR-83-7D	p 632	N83-31613	#	AFWAL-TR-81-2056-VOL-2-PT-2	p 759	N83-36248	#
AD-A129530	p 766	N83-36372	#					AFWAL-TR-81-2056-VOL-3-PT-2	p 758	N83-35162	#
AD-A129573	p 718	N83-36006	#	AFIT-LSSR-14-82	p 372	N83-23271	#	AFWAL-TR-81-2087-PT-4	p 60	N83-10211	#
AD-A129578	p 749	N83-36036	#	AFIT-LSSR-17-82	p 311	N83-20908	#	AFWAL-TR-81-3092 VOL-1	p 68	N83-11521	#
AD-A129631	p 749	N83-36035	#	AFIT-LSSR-18-82	p 401	N83-23331	#	AFWAL-TR-81-3092 VOL-1	p 193	N83-12077	#
AD-A129710	p 718	N83-36007	#	AFIT-LSSR-23-82	p 466	N83-25730	#	AFWAL-TR-81-3092 VOL-2	p 193	N83-12078	#
AD-A129757	p 770	N83-36851	#	AFIT-LSSR-42-82	p 372	N83-23269	#	AFWAL-TR-81-3093 VOL-1	p 184	N83-14530	#
AD-A129780	p 749	N83-36033	#	AFIT LSSR-56-82	p 417	N83-25656	#	AFWAL-TR-81-3094	p 184	N83-14531	#



## AFWAL-TR-81-3095

## REPORT NUMBER INDEX

AFWAL-TR-81-3095	p 184	N83-14532 #	AGARD-CP-174	p 631	N83-30438* #	AIAA PAPER 83-0186	p 132	A83-16577 #
AFWAL-TR-81-3109	p 156	N83-14120 #	AGARD-CP-321	p 311	N83-22093 #	AIAA PAPER 83-0187	p 137	A83-19582* #
AFWAL-TR-81-3116-VOL-1	p 156	N83-14122 #	AGARD-CP-324	p 540	N83-29241 #	AIAA PAPER 83-0189	p 189	A83-21080* #
AFWAL-TR-81-3116-VOL-2	p 155	N83-14117 #	AGARD-CP-326	p 157	N83-15284 #	AIAA PAPER 83-0190	p 132	A83-16578 #
AFWAL-TR-81-3118	p 206	N83-16332 #	AGARD-CP-328	p 700	N83-34095 #	AIAA PAPER 83-0204	p 127	A83-16582* #
AFWAL-TR-81-3156-VOL-1	p 155	N83-14115 #	AGARD-CP-333	p 48	N83-10054 #	AIAA PAPER 83-0205	p 188	A83-16583* #
AFWAL-TR-81-3156-VOL-3	p 155	N83-14114 #	AGARD-CP-334	p 188	N83-17470 #	AIAA PAPER 83-0225	p 132	A83-16595 #
AFWAL-TR-81-3171-VOL-1	p 443	N83-26835 #	AGARD-CP-335	p 550	N83-29277 #	AIAA PAPER 83-0234	p 132	A83-16602* #
AFWAL-TR-81-3171-VOL-2	p 204	N83-12100 #	AGARD-CP-339	p 576	N83-30357 #	AIAA PAPER 83-0236	p 132	A83-16603 #
AFWAL-TR-81-3173	p 179	N83-12050 #	AGARD-CP-340	p 325	N83-22177 #	AIAA PAPER 83-0242	p 160	A83-16608 #
AFWAL-TR-81-4134	p 487	N83-26783 #				AIAA PAPER 83-0262	p 133	A83-16618 #
AFWAL-TR-82-0001	p 191	N83-16253 #	AGARD-LS-119	p 67	N83-11390 #	AIAA PAPER 83-0263	p 133	A83-16619 #
AFWAL-TR-82-1076-VOL-1	p 271	N83-19749 #	AGARD-LS-124	p 227	N83-17609 #	AIAA PAPER 83-0266	p 133	A83-16622 #
AFWAL-TR-82-1076-VOL-2	p 271	N83-19750 #	AGARD-LS-125	p 188	N83-17490 #	AIAA PAPER 83-0274	p 151	A83-17915* #
AFWAL-TR-82-1076-VOL-3	p 271	N83-19751 #	AGARD-LS-126	p 610	N83-30414 #	AIAA PAPER 83-0277	p 139	A83-19584 #
AFWAL-TR-82-1100	p 189	N83-14973 #				AIAA PAPER 83-0279	p 168	A83-16624 #
AFWAL-TR-82-1118	p 530	N83-27990 #	AGARD-R-696	p 646	N83-31061 #	AIAA PAPER 83-0280	p 140	A83-16625 #
AFWAL-TR-82-2015	p 211	N83-12252 #	AGARD-R-703	p 345	N83-22215 #	AIAA PAPER 83-0282	p 149	A83-16627 #
AFWAL-TR-82-2037	p 359	N83-21357 #	AGARD-R-704	p 153	N83-14104 #	AIAA PAPER 83-0283	p 150	A83-16628 #
AFWAL-TR-82-2039	p 43	N83-10046 #				AIAA PAPER 83-0326	p 176	A83-16655 #
AFWAL-TR-82-2042-VOL-2	p 225	N83-16402 #	AHS-RWP-16	p 67	N83-10425* #	AIAA PAPER 83-0336	p 161	A83-16662 #
AFWAL-TR-82-2043	p 225	N83-16401 #	AHS-RWP-19	p 44	N83-11130* #	AIAA PAPER 83-0337	p 161	A83-16663* #
AFWAL-TR-82-2045	p 166	N83-15310 #	AHS-RWP-7	p 44	N83-11128* #	AIAA PAPER 83-0338	p 179	A83-16664 #
AFWAL-TR-82-2046	p 184	N83-14543 #				AIAA PAPER 83-0341	p 133	A83-16667 #
AFWAL-TR-82-2047	p 749	N83-36034 #	AIAA PAPER 83-2536	p 729	A83-48370 #	AIAA PAPER 83-0366	p 169	A83-16673 #
AFWAL-TR-82-2052	p 404	N83-23469 #				AIAA PAPER 83-0367	p 150	A83-16674 #
AFWAL-TR-82-2057-VOL-2	p 360	N83-22517 #	AIAA PAPER 81-0073	p 178	A83-15290* #	AIAA PAPER 83-0368	p 169	A83-17922* #
AFWAL-TR-82-2057-VOL-4	p 766	N83-36372 #	AIAA PAPER 81-1265	p 136	A83-18405 #	AIAA PAPER 83-0370	p 133	A83-16676 #
AFWAL-TR-82-2058-VOL-1	p 167	N83-15311 #	AIAA PAPER 81-1370	p 337	A83-29011 #	AIAA PAPER 83-0386	p 133	A83-16686* #
AFWAL-TR-82-2058-VOL-2	p 167	N83-15312 #	AIAA PAPER 81-1505	p 211	A83-22154 #	AIAA PAPER 83-0387	p 172	A83-16687* #
AFWAL-TR-82-2062-VOL-1	p 198	N83-17526 #	AIAA PAPER 81-2039	p 237	A83-19813* #	AIAA PAPER 83-0388	p 179	A83-16688* #
AFWAL-TR-82-2062-VOL-2	p 250	N83-19722 #	AIAA PAPER 82-0570	p 346	A83-28952* #	AIAA PAPER 83-0419	p 161	A83-16702 #
AFWAL-TR-82-2067	p 351	N83-21169 #	AIAA PAPER 82-2222	p 621	A83-41702* #	AIAA PAPER 83-0422	p 161	A83-16705* #
AFWAL-TR-82-2113	p 749	N83-36035 #	AIAA PAPER 82-2237	p 622	A83-41714 #	AIAA PAPER 83-0424	p 134	A83-16706* #
AFWAL-TR-82-2118	p 749	N83-36036 #	AIAA PAPER 83-0001	p 129	A83-16454 #	AIAA PAPER 83-0425	p 134	A83-16707* #
AFWAL-TR-82-2119	p 646	N83-31022 #	AIAA PAPER 83-0003	p 129	A83-16455* #	AIAA PAPER 83-0426	p 134	A83-16708* #
AFWAL-TR-82-2121-VOL-1	p 618	N83-31606 #	AIAA PAPER 83-0004	p 160	A83-16456* #	AIAA PAPER 83-0439	p 188	A83-16714 #
AFWAL-TR-82-2124	p 747	N83-34950 #	AIAA PAPER 83-0005	p 129	A83-16457 #	AIAA PAPER 83-0454	p 137	A83-19590 #
AFWAL-TR-82-3004	p 219	N83-13344 #	AIAA PAPER 83-0006	p 160	A83-16458 #	AIAA PAPER 83-0501	p 135	A83-16828 #
AFWAL-TR-82-3018	p 584	N83-31582 #	AIAA PAPER 83-0007	p 129	A83-16459 #	AIAA PAPER 83-0502	p 137	A83-19591 #
AFWAL-TR-82-3023	p 193	N83-12076 #	AIAA PAPER 83-0008	p 129	A83-16460 #	AIAA PAPER 83-0534	p 158	A83-16772* #
AFWAL-TR-82-3027	p 267	N83-19745 #	AIAA PAPER 83-0009	p 136	A83-17902 #	AIAA PAPER 83-0535	p 161	A83-16773 #
AFWAL-TR-82-3032	p 147	N83-14102 #	AIAA PAPER 83-0011	p 474	A83-36039* #	AIAA PAPER 83-0537	p 163	A83-19593* #
AFWAL-TR-82-3040-PT-1	p 288	N83-18746 #	AIAA PAPER 83-0026	p 585	A83-42099* #	AIAA PAPER 83-0538	p 150	A83-16774 #
AFWAL-TR-82-3043	p 443	N83-26832 #	AIAA PAPER 83-0030	p 148	A83-16472 #	AIAA PAPER 83-0539	p 134	A83-16775 #
AFWAL-TR-82-3047	p 577	N83-31569 #	AIAA PAPER 83-0037	p 179	A83-16477* #	AIAA PAPER 83-0541	p 161	A83-16776* #
AFWAL-TR-82-3054	p 549	N83-29275 #	AIAA PAPER 83-0042	p 171	A83-16482* #	AIAA PAPER 83-0546	p 134	A83-16781 #
AFWAL-TR-82-3057	p 305	N83-19562 #	AIAA PAPER 83-0054	p 148	A83-16488 #	AIAA PAPER 83-0564	p 134	A83-16792 #
AFWAL-TR-82-3059	p 395	N83-24510 #	AIAA PAPER 83-0057	p 129	A83-16489* #	AIAA PAPER 83-0570	p 158	A83-16797 #
AFWAL-TR-82-3061	p 471	N83-26929 #	AIAA PAPER 83-0058	p 148	A83-16490* #	AIAA PAPER 83-0604	p 153	A83-19594* #
AFWAL-TR-82-3064	p 289	N83-19759 #	AIAA PAPER 83-0059	p 160	A83-16491 #	AIAA PAPER 83-0649	p 180	A83-16816* #
AFWAL-TR-82-3081-VOL-1	p 373	N83-24468 #	AIAA PAPER 83-0060	p 167	A83-16492* #	AIAA PAPER 83-0653	p 150	A83-16818 #
AFWAL-TR-82-3081-VOL-2	p 441	N83-25704 #	AIAA PAPER 83-0061	p 168	A83-16493* #	AIAA PAPER 83-0657	p 172	A83-16821 #
AFWAL-TR-82-3087-VOL-1	p 527	N83-27982 #	AIAA PAPER 83-0062	p 140	A83-16494 #	AIAA PAPER 83-0672	p 365	A83-28002 #
AFWAL-TR-82-3087-VOL-2	p 527	N83-27983 #	AIAA PAPER 83-0064	p 168	A83-16496 #	AIAA PAPER 83-0676	p 365	A83-28004* #
AFWAL-TR-82-3088-VOL-1	p 652	N83-32408 #	AIAA PAPER 83-0065	p 168	A83-16497* #	AIAA PAPER 83-0677	p 279	A83-25909 #
AFWAL-TR-82-3088-VOL-2	p 652	N83-32387 #	AIAA PAPER 83-0078	p 130	A83-16507 #	AIAA PAPER 83-0678	p 279	A83-25910* #
AFWAL-TR-82-3093	p 722	N83-36014 #	AIAA PAPER 83-0079	p 153	A83-19579 #	AIAA PAPER 83-0679	p 279	A83-25911* #
AFWAL-TR-82-3095	p 610	N83-30413 #	AIAA PAPER 83-0081	p 715	A83-48211* #	AIAA PAPER 83-0680	p 365	A83-28005* #
AFWAL-TR-82-4069	p 394	N83-23314 #	AIAA PAPER 83-0082	p 130	A83-16509 #	AIAA PAPER 83-0681	p 337	A83-28006* #
AFWAL-TR-82-4136	p 404	N83-23426 #	AIAA PAPER 83-0083	p 130	A83-16510* #	AIAA PAPER 83-0682	p 279	A83-25912* #
AFWAL-TR-82-4151	p 458	N83-25713 #	AIAA PAPER 83-0085	p 130	A83-16511* #	AIAA PAPER 83-0688	p 365	A83-28007 #
AFWAL-TR-82-4155	p 564	N83-29726 #	AIAA PAPER 83-0086	p 149	A83-16512* #	AIAA PAPER 83-0689	p 365	A83-28008* #
AFWAL-TR-82-4172	p 759	N83-36227 #	AIAA PAPER 83-0087	p 130	A83-16513* #	AIAA PAPER 83-0690	p 365	A83-28009* #
AFWAL-TR-82-4178	p 638	N83-31735 #	AIAA PAPER 83-0089	p 136	A83-17905* #	AIAA PAPER 83-0691	p 306	A83-25913 #
AFWAL-TR-82-4186	p 553	N83-28211 #	AIAA PAPER 83-0090	p 130	A83-16514* #	AIAA PAPER 83-0692	p 366	A83-28010* #
AFWAL-TR-82-4201	p 487	N83-26783 #	AIAA PAPER 83-0091	p 130	A83-16515 #	AIAA PAPER 83-0693	p 264	A83-25914 #
AFWAL-TR-83-1024-VOL-1	p 705	N83-34598 #	AIAA PAPER 83-0092	p 149	A83-16516 #	AIAA PAPER 83-0694	p 306	A83-25915* #
AFWAL-TR-83-2002-VOL-1	p 748	N83-34951 #	AIAA PAPER 83-0093	p 149	A83-16517 #	AIAA PAPER 83-0695	p 306	A83-25916* #
AFWAL-TR-83-2002-VOL-2	p 748	N83-34952 #	AIAA PAPER 83-0094	p 131	A83-16518* #	AIAA PAPER 83-0697	p 308	A83-26448 #
AFWAL-TR-83-3050	p 718	N83-36002 #	AIAA PAPER 83-0095	p 149	A83-16519 #	AIAA PAPER 83-0699	p 306	A83-25919 #
			AIAA PAPER 83-0109	p 131	A83-16525* #	AIAA PAPER 83-0703	p 306	A83-25923* #
AFWAL-TR-82 101	p 466	N83-25732 #	AIAA PAPER 83-0110	p 188	A83-16526* #	AIAA PAPER 83-0706	p 308	A83-26449* #
			AIAA PAPER 83-0111	p 188	A83-16527 #	AIAA PAPER 83-0707	p 366	A83-28011* #
AGARD-AG-160-VOL-15	p 233	N83-17855 #	AIAA PAPER 83-0112	p 428	A83-36042* #	AIAA PAPER 83-0708	p 307	A83-25924* #
AGARD-AG-266	p 137	N83-14064 #	AIAA PAPER 83-0114	p 428	A83-36043* #	AIAA PAPER 83-0712	p 307	A83-25928* #
AGARD-AG-272	p 712	N83-34891 #	AIAA PAPER 83-0124	p 131	A83-16537* #	AIAA PAPER 83-0716	p 307	A83-25931 #
AGARD-AG-279	p 550	N83-29276 #	AIAA PAPER 83-0127	p 131	A83-16540 #	AIAA PAPER 83-0717	p 326	A83-28013 #
			AIAA PAPER 83-0131	p 131	A83-16544 #	AIAA PAPER 83-0718	p 279	A83-25932 #
AGARD-AR-169	p 310	N83-20758 #	AIAA PAPER 83-0138	p 171	A83-16547 #	AIAA PAPER 83-0720	p 367	A83-29950* #
AGARD-AR-173	p 45	N83-11138 #	AIAA PAPER 83-0139	p 171	A83-16548 #	AIAA PAPER 83-0722	p 264	A83-25933* #
AGARD-AR-178	p 236	N83-18295 #	AIAA PAPER 83-0141	p 168	A83-16550 #	AIAA PAPER 83-0723	p 307	A83-25934* #
AGARD-AR-181-VOL-1	p 62	N83-11350 #	AIAA PAPER 83-0142	p 171	A83-16551 #	AIAA PAPER 83-0734	p 366	A83-28016* #
AGARD-AR-181-VOL-2	p 62	N83-11351 #	AIAA PAPER 83-0143	p 171	A83-16552 #	AIAA PAPER 83-0743	p 280	A83-25945* #
AGARD-AR-182(ENG)	p 748	N83-34953 #	AIAA PAPER 83-0146	p 172	A83-16554 #	AIAA PAPER 83-0744	p 280	A83-25946 #
AGARD-AR-183	p 31	N83-10039 #	AIAA PAPER 83-0148	p 172	A83-16556* #	AIAA PAPER 83-0745	p 280	A83-25947* #
AGARD-AR-184	p 376	N83-23276 #	AIAA PAPER 83-0149	p 172	A83-16557 #	AIAA PAPER 83-0746	p 280	A83-25948 #
AGARD-AR-186	p 217	N83-17555 #	AIAA PAPER 83-0153	p 160	A83-16559 #	AIAA PAPER 83-0747	p 307	A83-25949 #
AGARD-AR-187	p 67	N83-10403 #	AIAA PAPER 83-0154	p 210	A83-21079* #	AIAA PAPER 83-0749	p 308	A83-26450* #
AGARD-AR-189	p 426	N83-25682 #	AIAA PAPER 83-0168	p 168	A83-16566* #	AIAA PAPER 83-0751	p 337	A83-28019 #
AGARD-AR-190	p 550	N83-29277 #	AIAA PAPER 83-0169	p 149	A83-16567 #	AIAA PAPER 83-0759	p 366	A83-28021* #
AGARD-AR-191	p 733	N83-34939 #	AIAA PAPER 83-0170	p 579	A83-42100* #	AIAA PAPER 83-0760	p 481	A83-33486* #
AGARD-AR-198	p 267	N83-19747 #	AIAA PAPER 83-0172	p 419	A83-36046* #	AIAA PAPER 83-0762	p 481	A83-33487* #
AGARD-AR-335	p 347	N83-20957 #	AIAA PAPER 83-0178	p 160	A83-16572* #	AIAA PAPER 83-0766	p 280	A83-25956 #
			AIAA PAPER 83-0180	p 131	A83-16573 #	AIAA PAPER 83-0767	p 280	A83-25957* #
AGARD-BULL-83/1	p 417	N83-26786 #	AIAA PAPER 83-0181	p 132	A83-16574 #	AIAA PAPER 83-0768	p 366	A83-28023* #

## REPORT NUMBER INDEX

## AIAA PAPER 83-2107

AIAA PAPER 83-0773	p 281	A83-25958 #	AIAA PAPER 83-1234	p 453	A83-36297 #	AIAA PAPER 83-1804	p 497	A83-38638 #
AIAA PAPER 83-0774	p 281	A83-25959* #	AIAA PAPER 83-1235	p 453	A83-36298 #	AIAA PAPER 83-1805	p 497	A83-38639 #
AIAA PAPER 83-0775	p 411	A83-31325* #	AIAA PAPER 83-1236	p 453	A83-36299 #	AIAA PAPER 83-1810	p 497	A83-38643 #
AIAA PAPER 83-0780	p 307	A83-25962 #	AIAA PAPER 83-1237	p 453	A83-36300 #	AIAA PAPER 83-1811	p 497	A83-38644* #
AIAA PAPER 83-0781	p 281	A83-25963* #	AIAA PAPER 83-1238	p 453	A83-36301 #	AIAA PAPER 83-1814	p 497	A83-38647 #
AIAA PAPER 83-0783	p 264	A83-25964 #	AIAA PAPER 83-1239	p 453	A83-36302 #	AIAA PAPER 83-1816	p 498	A83-38648* #
AIAA PAPER 83-0784	p 264	A83-25965 #	AIAA PAPER 83-1240	p 444	A83-36303 #	AIAA PAPER 83-1817	p 498	A83-38649 #
AIAA PAPER 83-0785	p 307	A83-25966* #	AIAA PAPER 83-1241	p 454	A83-36304 #	AIAA PAPER 83-1821	p 498	A83-38653* #
AIAA PAPER 83-0847	p 392	A83-32782 #	AIAA PAPER 83-1263	p 454	A83-36314* #	AIAA PAPER 83-1822	p 520	A83-38654 #
AIAA PAPER 83-0848	p 392	A83-32781* #	AIAA PAPER 83-1265	p 454	A83-36316* #	AIAA PAPER 83-1823	p 520	A83-38655* #
AIAA PAPER 83-0859	p 403	A83-32780 #	AIAA PAPER 83-1285	p 454	A83-36322 #	AIAA PAPER 83-1824	p 520	A83-38656 #
AIAA PAPER 83-0914	p 406	A83-32788 #	AIAA PAPER 83-1286	p 496	A83-38080* #	AIAA PAPER 83-1825	p 520	A83-38657* #
AIAA PAPER 83-0919	p 392	A83-32787* #	AIAA PAPER 83-1287	p 454	A83-36323* #	AIAA PAPER 83-1828	p 498	A83-38659 #
AIAA PAPER 83-0960	p 406	A83-32787* #	AIAA PAPER 83-1288	p 421	A83-36324* #	AIAA PAPER 83-1830	p 498	A83-38660* #
AIAA PAPER 83-0985	p 387	A83-32785 #	AIAA PAPER 83-1290	p 423	A83-36924 #	AIAA PAPER 83-1832	p 498	A83-38661 #
AIAA PAPER 83-1024	p 386	A83-32783 #	AIAA PAPER 83-1291	p 444	A83-36325 #	AIAA PAPER 83-1833	p 520	A83-38662 #
AIAA PAPER 83-1045	p 415	A83-36458 #	AIAA PAPER 83-1292	p 444	A83-36326 #	AIAA PAPER 83-1834	p 520	A83-38663 #
AIAA PAPER 83-1046	p 415	A83-36459 #	AIAA PAPER 83-1293	p 444	A83-36327 #	AIAA PAPER 83-1835	p 499	A83-38664 #
AIAA PAPER 83-1047	p 416	A83-36471 #	AIAA PAPER 83-1294	p 455	A83-36328 #	AIAA PAPER 83-1836	p 499	A83-38665 #
AIAA PAPER 83-1048	p 437	A83-36460 #	AIAA PAPER 83-1296	p 558	A83-39106 #	AIAA PAPER 83-1837	p 544	A83-38666* #
AIAA PAPER 83-1049	p 439	A83-36472 #	AIAA PAPER 83-1297	p 455	A83-36329 #	AIAA PAPER 83-1838	p 499	A83-38667 #
AIAA PAPER 83-1051	p 438	A83-36461 #	AIAA PAPER 83-1300	p 457	A83-36412 #	AIAA PAPER 83-1839	p 545	A83-38668 #
AIAA PAPER 83-1052	p 438	A83-36462 #	AIAA PAPER 83-1324	p 455	A83-36339 #	AIAA PAPER 83-1840	p 545	A83-38669* #
AIAA PAPER 83-1053	p 457	A83-36463 #	AIAA PAPER 83-1326	p 455	A83-36340* #	AIAA PAPER 83-1844	p 499	A83-38672 #
AIAA PAPER 83-1054	p 438	A83-36465 #	AIAA PAPER 83-1338	p 455	A83-36346 #	AIAA PAPER 83-1845	p 499	A83-38673 #
AIAA PAPER 83-1055	p 438	A83-36466 #	AIAA PAPER 83-1339	p 458	A83-36925 #	AIAA PAPER 83-1847	p 499	A83-38675 #
AIAA PAPER 83-1057	p 438	A83-36468 #	AIAA PAPER 83-1342	p 455	A83-36347 #	AIAA PAPER 83-1848	p 499	A83-38676 #
AIAA PAPER 83-1058	p 438	A83-36469 #	AIAA PAPER 83-1351	p 464	A83-36353* #	AIAA PAPER 83-1849	p 500	A83-38677* #
AIAA PAPER 83-1059	p 439	A83-36474 #	AIAA PAPER 83-1352	p 475	A83-36354 #	AIAA PAPER 83-1850	p 500	A83-38678 #
AIAA PAPER 83-1061	p 432	A83-36470 #	AIAA PAPER 83-1354	p 421	A83-36355 #	AIAA PAPER 83-1851	p 521	A83-38679* #
AIAA PAPER 83-1062	p 439	A83-36473 #	AIAA PAPER 83-1358	p 422	A83-36414 #	AIAA PAPER 83-1852	p 500	A83-38680 #
AIAA PAPER 83-1063	p 438	A83-36467 #	AIAA PAPER 83-1358	p 464	A83-36356 #	AIAA PAPER 83-1856	p 489	A83-38683* #
AIAA PAPER 83-1064	p 457	A83-36464 #	AIAA PAPER 83-1359	p 455	A83-36357 #	AIAA PAPER 83-1857	p 521	A83-38684* #
AIAA PAPER 83-1075	p 436	A83-36204 #	AIAA PAPER 83-1367	p 421	A83-36363* #	AIAA PAPER 83-1858	p 500	A83-38685* #
AIAA PAPER 83-1076	p 436	A83-36205 #	AIAA PAPER 83-1368	p 421	A83-36364 #	AIAA PAPER 83-1859	p 521	A83-38686* #
AIAA PAPER 83-1078	p 436	A83-36206 #	AIAA PAPER 83-1369	p 421	A83-36365 #	AIAA PAPER 83-1860	p 500	A83-38687 #
AIAA PAPER 83-1079	p 443	A83-36207 #	AIAA PAPER 83-1372	p 675	A83-45514 #	AIAA PAPER 83-1861	p 521	A83-38688 #
AIAA PAPER 83-1080	p 464	A83-36222* #	AIAA PAPER 83-1374	p 456	A83-36367 #	AIAA PAPER 83-1862	p 500	A83-38689 #
AIAA PAPER 83-1082	p 480	A83-36223 #	AIAA PAPER 83-1377	p 456	A83-36368 #	AIAA PAPER 83-1863	p 501	A83-38690 #
AIAA PAPER 83-1083	p 464	A83-36224 #	AIAA PAPER 83-1401	p 422	A83-36391* #	AIAA PAPER 83-1864	p 501	A83-38691* #
AIAA PAPER 83-1086	p 480	A83-36210 #	AIAA PAPER 83-1403	p 456	A83-36393* #	AIAA PAPER 83-1865	p 501	A83-38692* #
AIAA PAPER 83-1087	p 436	A83-36211* #	AIAA PAPER 83-1405	p 456	A83-36394 #	AIAA PAPER 83-1866	p 501	A83-38693 #
AIAA PAPER 83-1088	p 480	A83-36212 #	AIAA PAPER 83-1406	p 456	A83-36395 #	AIAA PAPER 83-1887	p 502	A83-39356* #
AIAA PAPER 83-1090	p 436	A83-36214 #	AIAA PAPER 83-1407	p 456	A83-36396 #	AIAA PAPER 83-1924	p 503	A83-39378 #
AIAA PAPER 83-1091	p 437	A83-36215 #	AIAA PAPER 83-1408	p 457	A83-36397 #	AIAA PAPER 83-1928	p 503	A83-39380 #
AIAA PAPER 83-1092	p 463	A83-36216 #	AIAA PAPER 83-1409	p 457	A83-36398 #	AIAA PAPER 83-1929	p 503	A83-39381 #
AIAA PAPER 83-1094	p 437	A83-36225 #	AIAA PAPER 83-1410	p 467	A83-36399 #	AIAA PAPER 83-1970	p 508	A83-38902* #
AIAA PAPER 83-1097	p 463	A83-36217 #	AIAA PAPER 83-1411	p 457	A83-36400 #	AIAA PAPER 83-1971	p 508	A83-38903 #
AIAA PAPER 83-1098	p 463	A83-36218* #	AIAA PAPER 83-1412	p 683	A83-45515* #	AIAA PAPER 83-1973	p 508	A83-38904 #
AIAA PAPER 83-1099	p 463	A83-36219 #	AIAA PAPER 83-1415	p 706	A83-45517* #	AIAA PAPER 83-1974	p 508	A83-38905 #
AIAA PAPER 83-1101	p 474	A83-36221 #	AIAA PAPER 83-1578	p 398	A83-33351 #	AIAA PAPER 83-1975	p 489	A83-38906 #
AIAA PAPER 83-1123	p 437	A83-36234* #	AIAA PAPER 83-1579	p 429	A83-36953 #	AIAA PAPER 83-1976	p 521	A83-38907* #
AIAA PAPER 83-1124	p 519	A83-38079* #	AIAA PAPER 83-1580	p 409	A83-33352 #	AIAA PAPER 83-1977	p 522	A83-38908 #
AIAA PAPER 83-1126	p 420	A83-36235* #	AIAA PAPER 83-1581	p 398	A83-33353 #	AIAA PAPER 83-1978	p 502	A83-38909 #
AIAA PAPER 83-1127	p 450	A83-36236 #	AIAA PAPER 83-1582	p 399	A83-33354 #	AIAA PAPER 83-1981	p 522	A83-38910 #
AIAA PAPER 83-1130	p 475	A83-36405 #	AIAA PAPER 83-1584	p 379	A83-33355 #	AIAA PAPER 83-1983	p 522	A83-38911 #
AIAA PAPER 83-1132	p 474	A83-36237 #	AIAA PAPER 83-1585	p 399	A83-33356 #	AIAA PAPER 83-1984	p 509	A83-38912 #
AIAA PAPER 83-1133	p 450	A83-36238 #	AIAA PAPER 83-1588	p 429	A83-36954 #	AIAA PAPER 83-1986	p 551	A83-38913 #
AIAA PAPER 83-1134	p 474	A83-36239* #	AIAA PAPER 83-1589	p 379	A83-33358 #	AIAA PAPER 83-1988	p 522	A83-38914 #
AIAA PAPER 83-1137	p 469	A83-36240 #	AIAA PAPER 83-1591	p 429	A83-36951 #	AIAA PAPER 83-1989	p 502	A83-38915 #
AIAA PAPER 83-1138	p 469	A83-36241 #	AIAA PAPER 83-1592	p 379	A83-33359 #	AIAA PAPER 83-1990	p 545	A83-38916 #
AIAA PAPER 83-1139	p 550	A83-38077 #	AIAA PAPER 83-1594	p 379	A83-33360* #	AIAA PAPER 83-1992	p 522	A83-38917 #
AIAA PAPER 83-1140	p 519	A83-38078 #	AIAA PAPER 83-1597	p 429	A83-36952 #	AIAA PAPER 83-1993	p 522	A83-38918 #
AIAA PAPER 83-1141	p 508	A83-38076 #	AIAA PAPER 83-1598	p 399	A83-33361 #	AIAA PAPER 83-1998	p 522	A83-38919 #
AIAA PAPER 83-1143	p 470	A83-36243 #	AIAA PAPER 83-1599	p 399	A83-33362 #	AIAA PAPER 83-1999	p 523	A83-38920 #
AIAA PAPER 83-1147	p 450	A83-36244 #	AIAA PAPER 83-1600	p 399	A83-33363 #	AIAA PAPER 83-2000	p 509	A83-38921 #
AIAA PAPER 83-1155	p 450	A83-36250* #	AIAA PAPER 83-1601	p 399	A83-33364 #	AIAA PAPER 83-2003	p 523	A83-38922 #
AIAA PAPER 83-1157	p 535	A83-38081 #	AIAA PAPER 83-1602	p 400	A83-33365 #	AIAA PAPER 83-2005	p 523	A83-38923 #
AIAA PAPER 83-1158	p 535	A83-39101 #	AIAA PAPER 83-1603	p 379	A83-33366* #	AIAA PAPER 83-2017	p 422	A83-36403 #
AIAA PAPER 83-1159	p 451	A83-36251 #	AIAA PAPER 83-1604	p 388	A83-33367 #	AIAA PAPER 83-2060	p 596	A83-41901 #
AIAA PAPER 83-1160	p 451	A83-36252* #	AIAA PAPER 83-1606	p 379	A83-33368 #	AIAA PAPER 83-2061	p 578	A83-41902* #
AIAA PAPER 83-1161	p 451	A83-36253 #	AIAA PAPER 83-1607	p 380	A83-33369 #	AIAA PAPER 83-2063	p 596	A83-41903 #
AIAA PAPER 83-1162	p 660	A83-45508* #	AIAA PAPER 83-1609	p 380	A83-33370 #	AIAA PAPER 83-2065	p 627	A83-43811 #
AIAA PAPER 83-1163	p 451	A83-36254 #	AIAA PAPER 83-1610	p 380	A83-33371 #	AIAA PAPER 83-2066	p 623	A83-41904* #
AIAA PAPER 83-1164	p 503	A83-40473 #	AIAA PAPER 83-1617	p 437	A83-36408* #	AIAA PAPER 83-2067	p 623	A83-41905* #
AIAA PAPER 83-1168	p 717	A83-49300 #	AIAA PAPER 83-1668	p 491	A83-37179 #	AIAA PAPER 83-2069	p 623	A83-41906 #
AIAA PAPER 83-1169	p 423	A83-36922 #	AIAA PAPER 83-1676	p 492	A83-37184* #	AIAA PAPER 83-2070	p 623	A83-41907* #
AIAA PAPER 83-1171	p 420	A83-36258 #	AIAA PAPER 83-1686	p 502	A83-39099 #	AIAA PAPER 83-2071	p 624	A83-41908 #
AIAA PAPER 83-1173	p 420	A83-36259 #	AIAA PAPER 83-1687	p 492	A83-37188 #	AIAA PAPER 83-2072	p 592	A83-41909 #
AIAA PAPER 83-1174	p 451	A83-36260 #	AIAA PAPER 83-1688	p 503	A83-40472* #	AIAA PAPER 83-2073	p 624	A83-41910 #
AIAA PAPER 83-1176	p 451	A83-36261 #	AIAA PAPER 83-1689	p 555	A83-37189* #	AIAA PAPER 83-2074	p 624	A83-41911* #
AIAA PAPER 83-1201	p 475	A83-36277* #	AIAA PAPER 83-1691	p 502	A83-39267* #	AIAA PAPER 83-2077	p 660	A83-45519 #
AIAA PAPER 83-1209	p 452	A83-36282 #	AIAA PAPER 83-1710	p 492	A83-37204* #	AIAA PAPER 83-2078	p 578	A83-41912* #
AIAA PAPER 83-1212	p 452	A83-36284 #	AIAA PAPER 83-1721	p 555	A83-37210* #	AIAA PAPER 83-2079	p 578	A83-41913 #
AIAA PAPER 83-1213	p 437	A83-36285* #	AIAA PAPER 83-1725	p 492	A83-37211* #	AIAA PAPER 83-2086	p 627	A83-43809* #
AIAA PAPER 83-1214	p 452	A83-36286* #	AIAA PAPER 83-1741	p 531	A83-37219 #	AIAA PAPER 83-2087	p 596	A83-41919* #
AIAA PAPER 83-1216	p 420	A83-36287* #	AIAA PAPER 83-1756	p 492	A83-37229* #	AIAA PAPER 83-2088	p 624	A83-41920 #
AIAA PAPER 83-1224	p 420	A83-36291* #	AIAA PAPER 83-1760	p 555	A83-37232* #	AIAA PAPER 83-2089	p 624	A83-41921 #
AIAA PAPER 83-1225	p 421	A83-36292 #	AIAA PAPER 83-1762	p 492	A83-37233 #	AIAA PAPER 83-2091	p 609	A83-41922* #
AIAA PAPER 83-1226	p 523	A83-39102 #	AIAA PAPER 83-1764	p 555	A83-37234* #	AIAA PAPER 83-2098	p 597	A83-41928* #
AIAA PAPER 83-1228	p 545	A83-39103 #	AIAA PAPER 83-1785	p 496	A83-38628* #	AIAA PAPER 83-2099	p 597	A83-41929 #
AIAA PAPER 83-1229	p 452	A83-36293 #	AIAA PAPER 83-1787	p 496	A83-38627 #	AIAA PAPER 83-2103	p 624	A83-41932 #
AIAA PAPER 83-1230	p 452	A83-36294 #	AIAA PAPER 83-1790	p 535	A83-38630 #	AIAA PAPER 83-2104	p 625	A83-41933 #
AIAA PAPER 83-1231	p 547	A83-39104* #	AIAA PAPER 83-1791	p 496	A83-38631 #	AIAA PAPER 83-2105	p 625	A83-41934 #
AIAA PAPER 83-1232	p 452	A83-36295 #	AIAA PAPER 83-1792	p 496	A83-38632* #	AIAA PAPER 83-2106	p 625	A83-41935 #
AIAA PAPER 83-1233	p 453	A83-36296 #	AIAA PAPER 83-1794	p 497	A83-38633 #	AIAA PAPER 83-2107	p 625	A83-41936* #

## AIAA PAPER 83-2113

## REPORT NUMBER INDEX

AIAA PAPER 83-2113	p 579	A83-41940 #	AIAA PAPER 83-2486	p 734	A83-48346* #	AIAA-PAPER-83-1823	p 733	N83-36022* #
AIAA PAPER 83-2114	p 579	A83-41941 #	AIAA PAPER 83-2487	p 727	A83-48347 #			
AIAA PAPER 83-2119	p 651	A83-41944 #	AIAA PAPER 83-2489	p 735	A83-48348 #	AIAA-83-0135	p 339	N83-22200* #
AIAA PAPER 83-2120	p 625	A83-41945 #	AIAA PAPER 83-2491	p 731	A83-49584* #	AIAA-83-0154	p 202	N83-13101* #
AIAA PAPER 83-2121	p 597	A83-41946* #	AIAA PAPER 83-2492	p 753	A83-48349 #	AIAA-83-0189	p 128	N83-14061* #
AIAA PAPER 83-2122	p 575	A83-41947 #	AIAA PAPER 83-2494	p 717	A83-49585 #	AIAA-83-0219	p 139	N83-14078* #
AIAA PAPER 83-2123	p 597	A83-41948 #	AIAA PAPER 83-2495	p 763	A83-48350 #	AIAA-83-0319	p 702	N83-34226* #
AIAA PAPER 83-2125	p 625	A83-41949 #	AIAA PAPER 83-2498	p 763	A83-48353 #	AIAA-83-0337	p 282	N83-18725* #
AIAA PAPER 83-2126	p 626	A83-41950 #	AIAA PAPER 83-2499	p 712	A83-49586 #	AIAA-83-0537	p 339	N83-22201* #
AIAA PAPER 83-2128	p 626	A83-41951* #	AIAA PAPER 83-2501	p 719	A83-48354 #	AIAA-83-0680	p 482	N83-26643* #
AIAA PAPER 83-2129	p 597	A83-41952 #	AIAA PAPER 83-2502	p 731	A83-49587 #	AIAA-83-0749	p 368	N83-23115* #
AIAA PAPER 83-2130	p 579	A83-41953 #	AIAA PAPER 83-2504	p 720	A83-49588 #	AIAA-83-0759	p 367	N83-23114* #
AIAA PAPER 83-2132	p 579	A83-41954 #	AIAA PAPER 83-2505	p 720	A83-49588 #	AIAA-83-1179	p 394	N83-24505* #
AIAA PAPER 83-2134	p 626	A83-41956* #	AIAA PAPER 83-2508	p 727	A83-48355* #	AIAA-83-1340	p 539	N83-29235* #
AIAA PAPER 83-2135	p 579	A83-41957* #	AIAA PAPER 83-2513	p 727	A83-48356* #	AIAA-83-9745	p 387	N83-21895* #
AIAA PAPER 83-2136	p 597	A83-41958* #	AIAA PAPER 83-2514	p 728	A83-48357 #			
AIAA PAPER 83-2137	p 598	A83-41959* #	AIAA PAPER 83-2515	p 745	A83-48358 #	AMA-82-18	p 27	N83-11102* #
AIAA PAPER 83-2138	p 598	A83-41960* #	AIAA PAPER 83-2516	p 711	A83-48359 #	AMA-82-19	p 27	N83-11101* #
AIAA PAPER 83-2139	p 626	A83-41961 #	AIAA PAPER 83-2517	p 728	A83-48360 #	AMA-82-35	p 170	N83-15317* #
AIAA PAPER 83-2140	p 598	A83-41962* #	AIAA PAPER 83-2521	p 711	A83-48361 #	AMA-82-39	p 389	N83-24500* #
AIAA PAPER 83-2141	p 598	A83-41963* #	AIAA PAPER 83-2525	p 728	A83-48363 #			
AIAA PAPER 83-2147	p 626	A83-41968 #	AIAA PAPER 83-2526	p 731	A83-49589 #	AMC-31-3480(11)	p 200	N83-12088* #
AIAA PAPER 83-2158	p 595	A83-41960* #	AIAA PAPER 83-2527	p 728	A83-48364* #			
AIAA PAPER 83-2161	p 619	A83-41661 #	AIAA PAPER 83-2528	p 728	A83-48365 #	AMMRC-TR-82-52	p 491	N83-29171 #
AIAA PAPER 83-2162	p 623	A83-41765 #	AIAA PAPER 83-2529	p 728	A83-48366 #			
AIAA PAPER 83-2166	p 590	A83-41662 #	AIAA PAPER 83-2531	p 719	A83-48367 #	AMRL-TR-50-Vol-2	p 653	N83-31421 #
AIAA PAPER 83-2167	p 590	A83-41663 #	AIAA PAPER 83-2533	p 732	A83-49590* #	AMRL-TR-75-50-VOL-150	p 238	N83-17246 #
AIAA PAPER 83-2168	p 650	A83-41664 #	AIAA PAPER 83-2535	p 716	A83-48368* #	AMRL-TR-75-50-VOL-152	p 238	N83-17247 #
AIAA PAPER 83-2169	p 591	A83-41665 #	AIAA PAPER 83-2550	p 729	A83-48369 #	AMRL-TR-75-50-VOL-155	p 191	N83-16154 #
AIAA PAPER 83-2170	p 591	A83-41666 #	AIAA PAPER 83-2552	p 730	A83-48371 #	AMRL-TR-75-50-VOL-156	p 368	N83-23118 #
AIAA PAPER 83-2172	p 630	A83-41667 #	AIAA PAPER 83-2553	p 732	A83-49592 #	AMRL-TR-75-50-VOL-160	p 309	N83-19579 #
AIAA PAPER 83-2173	p 575	A83-41668* #	AIAA PAPER 83-2556	p 720	A83-49593 #	AMRL-TR-75-50-VOL-172	p 223	N83-12973 #
AIAA PAPER 83-2174	p 619	A83-41669* #	AIAA PAPER 83-2557	p 729	A83-48375* #	AMRL-TR-75-60-VOL-157	p 191	N83-16156 #
AIAA PAPER 83-2189	p 619	A83-41675 #	AIAA PAPER 83-2558	p 729	A83-48376 #			
AIAA PAPER 83-2192	p 592	A83-41762 #	AIAA PAPER 83-2560	p 729	A83-48377 #	ANL/CNSV-38	p 766	N83-36499 #
AIAA PAPER 83-2193	p 619	A83-41678 #	AIAA PAPER 83-2563	p 751	A83-49594 #			
AIAA PAPER 83-2194	p 620	A83-41679* #	AIAA PAPER 83-2564	p 746	A83-49595* #	ANL/EES-TM-214	p 637	N83-30548* #
AIAA PAPER 83-2195	p 620	A83-41680 #	AIAA PAPER 83-2565	p 751	A83-50074* #			
AIAA PAPER 83-2196	p 591	A83-41681 #	AIAA PAPER 83-2566	p 711	A83-48378 #	AR-001-803	p 177	N83-14173 #
AIAA PAPER 83-2198	p 620	A83-41683 #	AIAA PAPER 83-2567	p 717	A83-49596* #	AR-002-281	p 282	N83-18728 #
AIAA PAPER 83-2199	p 591	A83-41684 #		p 746	A83-49597 #	AR-002-320	p 197	N83-12082 #
AIAA PAPER 83-2202	p 595	A83-41686 #				AR-002-323	p 205	N83-16327 #
AIAA PAPER 83-2203	p 620	A83-41687 #	AIAA 83-0791	p 368	A83-29730 #	AR-002-324	p 186	N83-12057 #
AIAA PAPER 83-2204	p 595	A83-41688 #	AIAA 83-0804	p 350	A83-29736* #	AR-002-328	p 10	N83-11057 #
AIAA PAPER 83-2205	p 596	A83-41689 #	AIAA 83-0805	p 334	A83-29807 #	AR-002-330	p 154	N83-14106 #
AIAA PAPER 83-2207	p 584	A83-41691 #	AIAA 83-0808	p 356	A83-29808 #	AR-002-331	p 203	N83-12097 #
AIAA PAPER 83-2215	p 620	A83-41697 #	AIAA 83-0814	p 356	A83-29814 #	AR-002-335	p 61	N83-11281 #
AIAA PAPER 83-2216	p 596	A83-41698 #	AIAA 83-0828	p 338	A83-29737* #	AR-002-341	p 60	N83-10173 #
AIAA PAPER 83-2217	p 620	A83-41699 #	AIAA 83-0832	p 355	A83-29741* #	AR-002-348	p 304	N83-20500 #
AIAA PAPER 83-2219	p 621	A83-41700 #	AIAA 83-0840	p 355	A83-29747 #	AR-002-491	p 38	N83-10042 #
AIAA PAPER 83-2220	p 621	A83-41701 #	AIAA 83-0844	p 357	A83-29822* #	AR-002-888	p 175	N83-14143 #
AIAA PAPER 83-2223	p 640	A83-41703* #	AIAA 83-0845	p 357	A83-29823* #	AR-002-890	p 170	N83-14134 #
AIAA PAPER 83-2231	p 621	A83-41709* #	AIAA 83-0846	p 357	A83-29824* #	AR-002-894	p 175	N83-14144 #
AIAA PAPER 83-2232	p 621	A83-41710 #	AIAA 83-0863	p 355	A83-29751 #	AR-002-895	p 360	N83-22625 #
AIAA PAPER 83-2235	p 621	A83-41712* #	AIAA 83-0888	p 312	A83-29835* #	AR-002-900-PT-10	p 427	N83-26824 #
AIAA PAPER 83-2236	p 622	A83-41713 #	AIAA 83-0889	p 313	A83-29836 #	AR-002-905	p 401	N83-23327 #
AIAA PAPER 83-2238	p 596	A83-41715* #	AIAA 83-0907	p 355	A83-29763 #	AR-002-916	p 393	N83-23307 #
AIAA PAPER 83-2239	p 622	A83-41716 #	AIAA 83-0916	p 329	A83-29844* #	AR-002-919	p 635	N83-30523 #
AIAA PAPER 83-2240	p 591	A83-41717* #	AIAA 83-0918	p 346	A83-29846* #	AR-002-935	p 678	N83-32794 #
AIAA PAPER 83-2241	p 591	A83-41718 #	AIAA 83-0920	p 358	A83-29887 #	AR-002-938	p 733	N83-36023 #
AIAA PAPER 83-2242	p 592	A83-41719 #	AIAA 83-0921	p 357	A83-29847 #	AR-003-047	p 548	N83-28007 #
AIAA PAPER 83-2255	p 622	A83-41728* #	AIAA 83-0922	p 357	A83-29848* #	AR-1	p 192	N83-12071* #
AIAA PAPER 83-2272	p 622	A83-41738 #	AIAA 83-0923	p 313	A83-29849* #	AR-1	p 758	N83-35163 #
AIAA PAPER 83-2273	p 622	A83-41739* #	AIAA 83-0924	p 329	A83-29850* #	AR-1	p 749	N83-36032 #
AIAA PAPER 83-2274	p 623	A83-41740 #	AIAA 83-0927	p 329	A83-29853 #			
AIAA PAPER 83-2301	p 650	A83-41759 #	AIAA 83-0929	p 318	A83-29855 #	ARBRL-TR-02463	p 390	N83-24502 #
AIAA PAPER 83-2303	p 650	A83-41760* #	AIAA 83-0931	p 355	A83-29766* #			
AIAA PAPER 83-2304	p 650	A83-41761 #	AIAA 83-0939	p 356	A83-29769 #	ARCSSL-SP-83007	p 549	N83-29274 #
AIAA PAPER 83-2433	p 711	A83-49576 #	AIAA 83-0942	p 328	A83-29772 #			
AIAA PAPER 83-2434	p 710	A83-48326 #	AIAA 83-0947	p 356	A83-29775 #	ARDU-TI-778	p 38	N83-10042 #
AIAA PAPER 83-2437	p 719	A83-48327 #	AIAA 83-0952	p 338	A83-29777 #	ARDU-TI-783	p 289	N83-19760 #
AIAA PAPER 83-2439	p 726	A83-48328 #	AIAA 83-0953	p 358	A83-29885 #			
AIAA PAPER 83-2440	p 731	A83-49577 #	AIAA 83-0954	p 338	A83-29856 #	ARI-TR-546	p 57	N83-11149 #
AIAA PAPER 83-2441	p 726	A83-48329 #	AIAA 83-0955	p 357	A83-29857 #	ARI-TR-547	p 208	N83-12106 #
AIAA PAPER 83-2442	p 726	A83-48330 #	AIAA 83-0959	p 329	A83-29860* #			
AIAA PAPER 83-2445	p 745	A83-48331* #	AIAA 83-0970	p 328	A83-29780* #	ARINC-1469-01-1-2804	p 271	N83-18724 #
AIAA PAPER 83-2446	p 727	A83-48332 #	AIAA 83-0973	p 329	A83-29782* #			
AIAA PAPER 83-2448	p 712	A83-49578 #	AIAA 83-0974	p 329	A83-29806* #	ARL-AERO-NOTE-415	p 733	N83-36023 #
AIAA PAPER 83-2450	p 710	A83-48333 #	AIAA 83-0982	p 351	A83-29789 #			
AIAA PAPER 83-2451	p 770	A83-48334 #	AIAA 83-0986	p 330	A83-29864 #	ARL-AERO-TECH-MEMO-341-PT-10p	427	N83-26824 #
AIAA PAPER 83-2452	p 723	A83-48335 #	AIAA 83-0987	p 330	A83-29865* #			
AIAA PAPER 83-2458	p 768	A83-48336 #	AIAA 83-0988	p 330	A83-29866* #	ARL-GD-005	p 293	N83-19763 #
AIAA PAPER 83-2460	p 768	A83-48337 #	AIAA 83-0989	p 313	A83-29867 #			
AIAA PAPER 83-2463	p 731	A83-49579 #	AIAA 83-0990	p 330	A83-29868* #	ARL-MAT-NOTE-132	p 60	N83-10173 #
AIAA PAPER 83-2464	p 727	A83-48338 #	AIAA 83-0991	p 341	A83-29870 #			
AIAA PAPER 83-2465	p 745	A83-49580 #	AIAA 83-0993	p 341	A83-29870 #	ARL-MAT-REPT-114	p 635	N83-30523 #
AIAA PAPER 83-2466	p 746	A83-49581* #	AIAA 83-0994	p 341	A83-29888 #			
AIAA PAPER 83-2473	p 727	A83-48339 #	AIAA 83-0999	p 358	A83-29874 #	ARL-MECH-ENG-NOTE-387	p 282	N83-18728 #
AIAA PAPER 83-2474	p 770	A83-48340 #	AIAA 83-1002	p 351	A83-29790 #	ARL-MECH-ENG-NOTE-388	p 205	N83-16327 #
AIAA PAPER 83-2475	p 771	A83-49582 #	AIAA 83-1005	p 356	A83-29805* #			
AIAA PAPER 83-2477	p 758	A83-49583 #	AIAA 83-1010	p 356	A83-29796 #	ARL-STRUC-REPORT-390	p 61	N83-11281 #
AIAA PAPER 83-2478	p 745	A83-48341 #	AIAA 83-1027	p 330	A83-29876* #			
AIAA PAPER 83-2479	p 745	A83-48342 #	AIAA 83-1028	p 331	A83-29877 #	ARL/AERO-NOTE-405	p 10	N83-11057 #
AIAA PAPER 83-2480	p 745	A83-48343 #	AIAA 83-1031	p 331	A83-29878 #	ARL/AERO-NOTE-406	p 154	N83-14106 #
AIAA PAPER 83-2482	p 727	A83-48344 #	AIAA 83-1032	p 313	A83-29883 #	ARL/AERO-NOTE-407	p 203	N83-12097 #
AIAA PAPER 83-2485	p 750	A83-48345 #	AIAA 83-1033	p 358	A83-29879 #	ARL/AERO-NOTE-410	p 209	N83-13125 #

## REPORT NUMBER INDEX

CONF-810885-3

ARL/AERO-NOTE-412	p 401	N83-23327 #	ASME PAPER 83-GT-210	p 714	A83-48011 #	BAE-KGT-N-GEN-00999	p 638	N83-31729 #
ARL/AERO-NOTE-413	p 393	N83-23307 #	ASME PAPER 83-GT-211	p 715	A83-48012* #			
ARL/AERO-NOTE-414	p 678	N83-32794 #	ASME PAPER 83-GT-212	p 744	A83-48013 #	BAE-KRS-N-GEN-243	p 607	N83-31594 #
			ASME PAPER 83-GT-216	p 744	A83-48016 #			
ARL/AERO-TM-339	p 175	N83-14143 #	ASME PAPER 83-GT-217	p 762	A83-48017 #	BAE-TN-5411	p 209	N83-13128 #
ARL/AERO-TM-340	p 175	N83-14144 #	ASME PAPER 83-GT-218	p 744	A83-48018 #			
ARL/AERO-TM-347	p 648	N83-32031 #	ASME PAPER 83-GT-222	p 762	A83-48020 #	BATT-92880	p 159	N83-14123* #
			ASME PAPER 83-GT-223	p 762	A83-48021 #			
ARL/MAT-TM-373	p 177	N83-14173 #	ASME PAPER 83-GT-225	p 763	A83-48023* #	BBN-5004	p 32	N83-11113* #
			ASME PAPER 83-GT-227	p 725	A83-48024 #	BBN-5114	p 412	N83-25498* #
ARL/MECH-ENG-TM-412	p 304	N83-20500 #	ASME PAPER 83-GT-228	p 763	A83-48025* #			
			ASME PAPER 83-GT-230	p 763	A83-48026 #	BCD-FR-82-002	p 324	N83-20927 #
ARL/MECH-ENG-160	p 608	N83-31599 #	ASME PAPER 83-GT-231	p 756	A83-48027 #			
			ASME PAPER 83-GT-234	p 744	A83-48029 #	BDM/W-82-505-TR	p 631	N83-30440 #
ARL/PSU/TM-82-124	p 202	N83-12096 #	ASME PAPER 83-GT-238	p 763	A83-48030* #	BDM/W-82-592-TR-VOL-1	p 754	N83-36040 #
ARL/PSU/TM-82-137	p 483	N83-27796 #	ASME PAPER 83-GT-23	p 713	A83-47888 #			
ARL/PSU/TM-83-27	p 770	N83-36851 #	ASME PAPER 83-GT-243	p 726	A83-48033 #	BLL-CE-TRANS-7736-(9022 09)	p 351	N83-21102 #
			ASME PAPER 83-GT-244	p 756	A83-48034 #			
ARL/REPT-25	p 186	N83-12057 #	ASME PAPER 83-GT-24	p 713	A83-47889 #	BMFT-FB-T-82-075	p 233	N83-16765 #
			ASME PAPER 83-GT-31	p 737	A83-47893 #	BMFT-FB-T-82-138	p 164	N83-14132 #
ARL/STRUC-REPT-392	p 360	N83-22625 #	ASME PAPER 83-GT-32	p 760	A83-47894 #	BMFT-FB-T-82-140	p 164	N83-14133 #
ARL/STRUC-REPT-394	p 635	N83-30523 #	ASME PAPER 83-GT-37	p 737	A83-47898 #	BMFT-FB-T-83-021	p 539	N83-29240 #
			ASME PAPER 83-GT-40	p 713	A83-47900 #	BMFT-FB-T-83-025	p 554	N83-29407 #
ARL/STRUC-TM-341	p 170	N83-14134 #	ASME PAPER 83-GT-41	p 713	A83-47901* #	BMFT-FB-T-83-026	p 555	N83-29408 #
ARL/STRUC-TM-345	p 441	N83-25703 #	ASME PAPER 83-GT-42	p 737	A83-47902 #	BMFT-FB-T-83-028	p 554	N83-29377 #
			ASME PAPER 83-GT-43	p 738	A83-47903 #			
ARL/SYS-NOTE-82	p 197	N83-12082 #	ASME PAPER 83-GT-49	p 738	A83-47908 #	BMFT-FB-W-82-003	p 58	N83-11152 #
			ASME PAPER 83-GT-52	p 714	A83-47909* #	BMFT-FB-W-82-004	p 53	N83-11145 #
ARL/SYS-TM-65	p 382	N83-23290 #	ASME PAPER 83-GT-55	p 738	A83-47911 #	BMFT-FB-W-82-010	p 33	N83-11120 #
			ASME PAPER 83-GT-56	p 738	A83-47912 #	BMFT-FB-W-82-012	p 33	N83-11121 #
ARO-16030 1-EG	p 504	N83-27963 #	ASME PAPER 83-GT-59	p 738	A83-47915 #	BMFT-FB-W-82-015	p 181	N83-13078 #
ARO-16061 2-EG	p 180	N83-12051 #	ASME PAPER 83-GT-61	p 714	A83-47917 #	BMFT-FB-W-82-016	p 213	N83-16347 #
ARO-16294 2-EG	p 718	N83-36007 #	ASME PAPER 83-GT-62	p 714	A83-47918 #	BMFT-FB-W-82-017	p 195	N83-13094 #
ARO-16595 6-EG	p 164	N83-14131 #	ASME PAPER 83-GT-64	p 738	A83-47919 #	BMFT-FB-W-82-021	p 233	N83-17749 #
ARO-19941 1-MA	p 680	N83-33881 #	ASME PAPER 83-GT-65	p 714	A83-47920 #	BMFT-FB-W-82-022	p 394	N83-23311 #
			ASME PAPER 83-GT-66	p 536	A83-39993* #	BMFT-FB-W-82-023	p 402	N83-24522 #
ARTSD-SP-81001	p 549	N83-28010 #	ASME PAPER 83-GT-6	p 737	A83-47879 #	BMFT-FB-W-82-026	p 389	N83-23296 #
			ASME PAPER 83-GT-72	p 738	A83-47925 #	BMFT-FB-W-82-030	p 397	N83-23319 #
ASD-TR-82-5008	p 232	N83-16760 #	ASME PAPER 83-GT-73	p 739	A83-47926 #	BMFT-FB-W-82-033	p 391	N83-23304 #
ASD-TR-82-5012	p 267	N83-19743 #	ASME PAPER 83-GT-74	p 760	A83-47927 #	BMFT-FB-W-83-004	p 507	N83-29184 #
ASD-TR-82-5030	p 267	N83-19746 #	ASME PAPER 83-GT-76	p 739	A83-47929 #			
			ASME PAPER 83-GT-81	p 739	A83-47934 #	BNL-30364-R	p 647	N83-31912 #
ASLE PREPRINT 82-LC-2B-2	p 212	A83-13234 #	ASME PAPER 83-GT-82	p 760	A83-47935 #			
ASLE PREPRINT 82-LC-3C-4	p 212	A83-13239 #	ASME PAPER 83-GT-90	p 755	A83-47937 #	BR83884	p 48	N83-10052 #
ASLE PREPRINT 83-AM-3E-2	p 643	A83-43337 #	ASME PAPER 83-GT-91	p 739	A83-47938 #	BR84017	p 553	N83-28118 #
			ASME PAPER 83-GT-85	p 714	A83-47941* #	BR84193	p 560	N83-28291 #
ASME PAPER 81-LUB-6	p 64	A83-11942 #	ASME PAPER 83-GT-96	p 755	A83-47942 #	BR84535	p 309	N83-20704 #
ASME PAPER 82-DET-140	p 65	A83-12783 #	ASME PAPER 83-GT-9	p 737	A83-47881 #	BR84664	p 310	N83-20707 #
ASME PAPER 82-DET-47	p 65	A83-12772 #				BR84981	p 202	N83-17527 #
ASME PAPER 82-DET-81	p 65	A83-12777 #	ASRL-TR-194-3	p 195	N83-17518 #	BR85535	p 205	N83-16326 #
ASME PAPER 82-JPGC-GT-11	p 295	A83-25269* #				BR86157	p 560	N83-28326 #
ASME PAPER 82-JPGC-GT-6	p 279	A83-25267 #	ATC-105	p 188	N83-13090 #	BR86199	p 191	N83-16292 #
ASME PAPER 82-LUB-23	p 209	A83-13512 #	ATC-110	p 220	N83-12867 #	BR86355	p 530	N83-27988 #
ASME PAPER 82-LUB-42	p 212	A83-13521* #	ATC-114	p 187	N83-12066 #	BR86911	p 610	N83-30411 #
ASME PAPER 82-WA/DE-4	p 299	A83-25700 #	ATC-114	p 187	N83-12067 #	BR87777	p 700	N83-33214 #
ASME PAPER 82-WA/HT-23	p 295	A83-25690* #	ATC-119	p 674	N83-32784 #	BR88015	p 684	N83-32803 #
ASME PAPER 82-WA/HT-39	p 248	A83-25693* #	ATC-42-REV-B	p 188	N83-13086 #			
ASME PAPER 82-WA/OCE-4	p 295	A83-25686 #	ATC-42-REV-C	p 698	N83-33016 #	BU-271	p 206	N83-16336 #
ASME PAPER 83-APM-28	p 493	A83-37381* #	ATC-98A	p 188	N83-13088 #	BU-273	p 192	N83-16303 #
ASME PAPER 83-GT-103	p 739	A83-47943 #				BU-276	p 192	N83-16305 #
ASME PAPER 83-GT-109	p 739	A83-47944 #	AV-R-1147	p 635	N83-30522* #	BU-279	p 192	N83-16306 #
ASME PAPER 83-GT-121	p 740	A83-47950 #	AV-R-82/520	p 11	N83-11062* #	BU-280	p 206	N83-16337 #
ASME PAPER 83-GT-122	p 740	A83-47951 #						
ASME PAPER 83-GT-129	p 740	A83-47958 #	AVRADCOM-TR-81-A-2	p 221	N83-17560* #	BULL-51-PT-2	p 66	N83-10231 #
ASME PAPER 83-GT-131	p 740	A83-47959 #	AVRADCOM-TR-81-B-3	p 582	N83-30389* #	BULL-51-PT-3	p 66	N83-10253 #
ASME PAPER 83-GT-133	p 740	A83-47960 #	AVRADCOM-TR-81-C-27	p 166	N83-15306* #	BULL-52-PT-1	p 644	N83-30684 #
ASME PAPER 83-GT-136	p 740	A83-47963 #	AVRADCOM-TR-81-C-5	p 10	N83-11058* #			
ASME PAPER 83-GT-137	p 741	A83-47964* #	AVRADCOM-TR-82-A-14	p 204	N83-13112* #	C 41 325	p 765	N83-35426 #
ASME PAPER 83-GT-141	p 741	A83-47966 #	AVRADCOM-TR-82-A-15	p 265	N83-18714* #			
ASME PAPER 83-GT-143	p 741	A83-47967 #	AVRADCOM-TR-82-A-18	p 265	N83-18712* #	C-6241-F-3-VOL-1	p 156	N83-14122 #
ASME PAPER 83-GT-149	p 761	A83-47968 #	AVRADCOM-TR-82-B-6	p 191	N83-16151* #	C-6845-F-5	p 206	N83-16332 #
ASME PAPER 83-GT-150	p 741	A83-47969 #	AVRADCOM-TR-82-B-7	p 301	N83-19018* #			
ASME PAPER 83-GT-151	p 741	A83-47970* #	AVRADCOM-TR-82-B-8	p 270	N83-18723* #	CALSPAN-6241-F-3-VOL-2	p 155	N83-14117 #
ASME PAPER 83-GT-153	p 761	A83-47979 #	AVRADCOM-TR-82-B-9	p 377	N83-24471* #	CALSPAN-6568-A-6-VOL-1	p 748	N83-34951 #
ASME PAPER 83-GT-155	p 741	A83-47981 #	AVRADCOM-TR-82-C-14	p 44	N83-11128* #	CALSPAN-6568-A-6-VOL-2	p 748	N83-34952 #
ASME PAPER 83-GT-156	p 761	A83-47982 #	AVRADCOM-TR-82-C-15	p 67	N83-10425* #	CALSPAN-6645-F-8-VOL-1	p 443	N83-26835 #
ASME PAPER 83-GT-160	p 742	A83-47984 #	AVRADCOM-TR-82-C-16	p 302	N83-20119* #	CALSPAN-6645-F-8-VOL-2	p 204	N83-12100 #
ASME PAPER 83-GT-161	p 725	A83-47985 #	AVRADCOM-TR-82-C-4	p 43	N83-11125* #			
ASME PAPER 83-GT-175	p 761	A83-47974 #	AVRADCOM-TR-83-B-1	p 297	N83-19815* #	CAR-8228	p 658	N83-32708 #
ASME PAPER 83-GT-176	p 761	A83-47975 #	AVRADCOM-TR-83-C-1	p 338	N83-20947* #	CAR-8312	p 679	N83-33878 #
ASME PAPER 83-GT-178	p 761	A83-47989 #	AVRADCOM-TR-83-C-2	p 394	N83-24505* #			
ASME PAPER 83-GT-180	p 762	A83-47991 #	AVRADCOM-TR-83-C-3	p 408	N83-24858* #	CCAD-TR-83-01	p 718	N83-36007 #
ASME PAPER 83-GT-186	p 742	A83-47992 #	AVRADCOM-TR-83-C-5	p 561	N83-28455* #			
ASME PAPER 83-GT-187	p 742	A83-47993 #	AVRADCOM-TR-83-D-21	p 653	N83-32518* #	CED-81-103	p 139	N83-14075 #
ASME PAPER 83-GT-188	p 742	A83-47994 #						
ASME PAPER 83-GT-189	p 742	A83-47995 #	B-197119	p 139	N83-14075 #	CERL-TR-N-131	p 223	N83-12974 #
ASME PAPER 83-GT-192	p 742	A83-47998 #	B-202379	p 72	N83-10875 #			
ASME PAPER 83-GT-194	p 742	A83-47999 #	B-204739	p 189	N83-14769 #	CETIM-12-E-12-0	p 226	N83-16538 #
ASME PAPER 83-GT-196	p 743	A83-48000* #	B-206887	p 432	N83-25687 #			
ASME PAPER 83-GT-198	p 743	A83-48001 #	B-207053	p 33	N83-11119 #	CGR/DC-24/82	p 589	N83-31588 #
ASME PAPER 83-GT-199	p 743	A83-48002* #	B-207202	p 576	N83-30355 #			
ASME PAPER 83-GT-200	p 743	A83-48003 #	B-208444	p 429	N83-25683 #	CMSS-MV-82-01	p 187	N83-12064 #
ASME PAPER 83-GT-204	p 743	A83-48005 #	B-209125	p 529	N83-29202 #			
ASME PAPER 83-GT-205	p 762	A83-48006 #	B-210769	p 633	N83-31616 #	CNA-PP-361	p 331	N83-20936 #
ASME PAPER 83-GT-206	p 762	A83-48007 #	B-82SRC5	p 170	N83-15316* #			
ASME PAPER 83-GT-207	p 743	A83-48008 #	B-8406	p 236	N83-18304* #	CONF-810885-3	p 226	N83-16531 #

## CONF-8110124-2

## REPORT NUMBER INDEX

CONF-8110124-2	p 198	N83-16313 #	DFVLR-FB-82-13	p 270	N83-18722 #	DOT/FAA/ACS-82-17	p 721	N83-36013 #
CONF-811040-57	p 176	N83-15321 #	DFVLR-FB-82-17	p 265	N83-18711 #			
CONF-811043-7	p 138	N83-15271 #	DFVLR-FB-82-17	p 442	N83-25706 #	DOT/FAA/CT-82/100-PT-1	p 251	N83-19727 #
CONF-811220-1	p 226	N83-16553 #	DFVLR-FB-82-22	p 195	N83-17517 #	DOT/FAA/CT-82/101-PT-4	p 251	N83-19729 #
CONF-820117-1	p 235	N83-18106 #	DFVLR-FB-82-26	p 315	N83-20920 #	DOT/FAA/CT-82/107-PT-5	p 251	N83-19730 #
CONF-820117-2	p 410	N83-25226 #	DFVLR-FB-82-05	p 516	N83-29196 #	DOT/FAA/CT-82/110	p 618	N83-13604 #
CONF-821055-1	p 363	N83-22817 #	DFVLR-FB-83-08	p 562	N83-28501 #	DOT/FAA/CT-82/119	p 211	N83-12246* #
CONF-830203-2	p 594	N83-31593 #	DFVLR-FB-83-10	p 678	N83-32798 #	DOT/FAA/CT-82/21	p 186	N83-12060 #
CONF-830309-2	p 699	N83-33169 #				DOT/FAA/CT-82/36-1	p 15	N83-10025 #
CONF-830618-1	p 721	N83-34926 #				DOT/FAA/CT-82/36-2	p 15	N83-10026 #
			DFVLR-MITT-81-14	p 515	N83-27974 #	DOT/FAA/CT-82/39	p 187	N83-12063 #
CPIA-PUBL-373	p 685	N83-33885 #	DFVLR-MITT-82-04	p 27	N83-10032 #	DOT/FAA/CT-82/44	p 38	N83-10041 #
			DFVLR-MITT-82-16	p 572	N83-28993 #	DOT/FAA/CT-82/52-VOL 1	p 28	N83-11106 #
CRG-TR-82-011	p 466	N83-25733 #	DFVLR-MITT-82-17	p 653	N83-31425 #	DOT/FAA/CT-82/73	p 198	N83-12083 #
			DFVLR-MITT-82-18	p 617	N83-30434 #	DOT/FAA/CT-82/90	p 331	N83-20934 #
CRINC/RSL-TR-331-24	p 562	N83-29561 #	DFVLR-MITT-83-02	p 514	N83-27973 #	DOT/FAA/CT-82/92	p 610	N83-30412 #
						DOT/FAA/CT-83/31	p 721	N83-36010 #
CRREL-SR-82-22	p 409	N83-24073 #	DGLR BERICHT 82-01	p 711	A83-49176 #			
CSDL-R-1526	p 147	N83-14100 #	DGLR PAPER 82-013	p 764	A83-50138 #	DOT/FAA/EE-82/16	p 413	N83-25500 #
			DGLR PAPER 82-024	p 241	A83-24151 #			
CSS-126	p 176	N83-15322 #	DGLR PAPER 82-025	p 242	A83-24152 #	DOT/FAA/EM-82/14	p 198	N83-12083 #
			DGLR PAPER 82-026	p 242	A83-24153 #	DOT/FAA/EM-82/14	p 146	N83-14099 #
CT-82-100-39LR	p 186	N83-12058 #	DGLR PAPER 82-029	p 261	A83-24155 #	DOT/FAA/EM-82/26	p 724	N83-34932 #
			DGLR PAPER 82-030	p 284	A83-24156 #			
CUED/A-TURBO-TR-109	p 301	N83-19129 #	DGLR PAPER 82-031	p 261	A83-24157 #	DOT/FAA/ES-83/1	p 593	N83-31591 #
			DGLR PAPER 82-032	p 247	A83-24158 #			
CW-WR-76-020 108A	p 765	N83-35404 #	DGLR PAPER 82-033	p 284	A83-24159 #	DOT/FAA/PM-83/18	p 382	N83-24492 #
CW-WR-76-020 115	p 699	N83-33173 #	DGLR PAPER 82-035	p 261	A83-24160 #	DOT/FAA/PM-83/19	p 674	N83-33870 #
CW-WR-81-022F	p 214	N83-17545* #	DGLR PAPER 82-036	p 261	A83-24161 #	DOT/FAA/PM-83/5	p 610	N83-30412 #
			DGLR PAPER 82-038	p 261	A83-24162 #			
DCIEM-TC-82-C-57	p 445	N83-25710 #	DGLR PAPER 82-039	p 253	A83-24163 #	DOT/FAA/RD-79/103-VOL-4	p 138	N83-15269 #
			DGLR PAPER 82-040	p 253	A83-24164 #	DOT/FAA/RD-80/121	p 207	N83-12101 #
DCIEM-82-R-37	p 332	N83-20937 #	DGLR PAPER 82-041	p 269	A83-24165 #	DOT/FAA/RD-81/113	p 146	N83-14097 #
DCIEM-82-R-61	p 509	N83-27969 #	DGLR PAPER 82-042	p 247	A83-24166 #	DOT/FAA/RD-82/23	p 187	N83-12063 #
			DGLR PAPER 82-043	p 247	A83-24167 #	DOT/FAA/RD-82/30-VOL-1	p 28	N83-11106 #
DCQ/LC-45 449/83	p 679	N83-32800 #	DGLR PAPER 82-044	p 242	A83-24168 #	DOT/FAA/RD-82/38	p 186	N83-12060 #
			DGLR PAPER 82-045	p 284	A83-24170 #	DOT/FAA/RD-82/41	p 27	N83-10031 #
DCT-677/82	p 658	N83-32742 #	DGLR PAPER 82-046	p 284	A83-24169 #	DOT/FAA/RD-82/43	p 188	N83-13089 #
			DGLR PAPER 82-047	p 247	A83-24171 #	DOT/FAA/RD-82/45-1	p 217	N83-12299 #
DDA-EDR-10431	p 749	N83-36034 #	DGLR PAPER 82-048	p 262	A83-24172 #	DOT/FAA/RD-82/65	p 260	N83-18706 #
DDA-EDR-10672	p 771	N83-37028* #	DGLR PAPER 82-050	p 289	A83-24173 #	DOT/FAA/RD-82/67	p 186	N83-12058 #
DDA-EDR-10895	p 359	N83-21357 #	DGLR PAPER 82-064	p 262	A83-24178* #	DOT/FAA/RD-82/75	p 381	N83-23288 #
DDA-EDR-10977	p 186	N83-15627* #	DGLR PAPER 82-065	p 262	A83-24179 #	DOT/FAA/RD-82/88	p 324	N83-20927 #
DDA-EDR-10978	p 537	N83-27996* #	DGLR PAPER 82-066	p 274	A83-24180 #	DOT/FAA/RD-82/89	p 331	N83-20934 #
DDA-EDR-10992	p 203	N83-13105 #	DGLR PAPER 82-067	p 243	A83-24181 #			
DDA-EDR-11257	p 394	N83-23312 #	DGLR PAPER 82-068	p 274	A83-24182 #	DRIC-BR-84222	p 389	N83-23301 #
			DGLR PAPER 82-069	p 274	A83-24183 #	DRIC-BR-86199	p 426	N83-25677 #
			DGLR PAPER 82-070	p 275	A83-24184 #			
DE82-002320	p 176	N83-15321 #	DGLR PAPER 82-071	p 275	A83-24185 #	DRIC-T-6880	p 684	N83 32803 #
DE82-003495	p 138	N83-15271 #	DGLR PAPER 82-072	p 275	A83-24186 #			
DE82-004297	p 198	N83-16313 #	DGLR PAPER 82-073	p 275	A83-24187 #	DRL-003	p 440	N83-25692* #
DE82-005225	p 226	N83-16531 #	DGLR PAPER 82-074	p 310	A83-24188 #	DRL-003	p 440	N83-25693* #
DE82-005691	p 410	N83-25226 #	DGLR PAPER 82-075	p 275	A83-24189 #	DRL-003	p 440	N83 25694* #
DE82-006980	p 235	N83-18106 #	DGLR PAPER 82-085	p 275	A83-24197 #			
DE82-007193	p 553	N83-28273 #	DGLR PAPER 82-086	p 275	A83-24198 #	DRSMI/RD-CR-83-7	p 528	N83 27986 #
DE82-008623	p 332	N83-20940 #	DGLR PAPER 82-087	p 276	A83-24199 #			
DE82-013921	p 694	N83-34071 #	DGLR PAPER 82-088	p 276	A83-24200 #	DRSMI/RL-CR-83-1	p 631	N83 30441 #
DE82-014657	p 361	N83-21495 #	DGLR PAPER 82-089	p 295	A83-24201 #			
DE82-015870	p 404	N83-23478 #						
DE82-018322	p 562	N83-28458 #	DGLR-PAPER-81-118	p 205	N83-16328* #	DTNSRDC-83/020	p 679	N83 33879 #
DE82-018925	p 483	N83-27803 #						
DE82-021791	p 213	N83-16346 #	DNA-5350F-3	p 155	N83-14113 #	DTNSRDC/AERO-1281	p 679	N83-33879 #
DE82-021833	p 413	N83-25529 #						
DE82-902135	p 226	N83-16553 #	DOE/BETC/PPS-82/2	p 404	N83-23478 #	DTNSRDC/ASED-CR-03-82	p 426	N83-25679 #
DE82-903116	p 303	N83-20165 #	DOE/BETC/PPS-83/2	p 758	N83-35165 #	DTNSRDC/ASED-CR-03-83	p 718	N83-36006 #
DE82-903304	p 303	N83-20166 #						
DE82-904663	p 73	N83-10887 #	DOE/CS-20291/3	p 363	N83-22769 #	DTNSRDC/ASED-82-09	p 425	N83-25675 #
DE83-001576	p 363	N83-22769 #	DOE/CS-30339/T1	p 401	N83-23332 #			
DE83-001916	p 653	N83-32575 #	DOE/CS-50095/T2	p 213	N83-16346 #	DV-10496	p 145	N83-14091 #
DE83-002134	p 363	N83-22817 #						
DE83-002276	p 304	N83-20430 #	DOE/ER-10063/T1	p 562	N83-28458 #	D210-11938-1	p 266	N83-19740* #
DE83-003888	p 410	N83-25232 #				D210-11944-1	p 332	N83-22188* #
DE83-004005	p 362	N83-22759 #	DOE/ET-13333/T1	p 553	N83-28273 #	D6-37256-REV	p 666	N83-33852* #
DE83-004012	p 594	N83-31593 #				D6-48669	p 61	N83-11331* #
DE83-004274	p 360	N83-22498 #	DOE/NASA/0017-3	p 771	N83-37028* #	D6-48676	p 605	N83-30401* #
DE83-004512	p 401	N83-23332 #	DOE/NASA/0019-83/1	p 637	N83-30662* #	D6-51088	p 236	N83-18304* #
DE83-005364	p 378	N83-24486 #	DOE/NASA/0167-81/3	p 708	N83-33800* #	D6-51689	p 212	N83-13174* #
DE83-005713	p 699	N83-33169 #	DOE/NASA/0168-82/4	p 186	N83-15627* #	D6-51762-1	p 316	N83-22163* #
DE83-006801	p 646	N83-31028 #	DOE/NASA/13111-10	p 69	N83-10559* #	D6-51762-3	p 377	N83-24479* #
DE83-007770	p 632	N83-30443 #	DOE/NASA/20320-48	p 702	N83-34192* #	D6-51768	p 296	N83-18851* #
DE83-008110	p 644	N83-30813 #	DOE/NASA/3303-1	p 362	N83-22740* #			
DE83-008162	p 583	N83-30395 #	DOE/NASA/3303-3	p 361	N83-21509* #	E-1008-1	p 702	N83-34192* #
DE83-008933	p 699	N83-33173 #	DOE/NASA/3303-4	p 362	N83-22747* #	E-1075	p 226	N83-16528* #
DE83-009288	p 721	N83-34926 #	DOE/NASA/5104-46	p 394	N83 24505* #	E-1127	p 61	N83-11340* #
DE83-009753	p 637	N83-30548* #				E-1179	p 395	N83-24509* #
DE83-010307	p 765	N83-35404 #	DOE/SF-11510/T1	p 644	N83-30813 #	E-1180	p 43	N83-11125* #
DE83-010848	p 758	N83-35165 #				E-1184	p 42	N83-10045* #
DE83-014263	p 766	N83-36499 #	DOT-TSC-FAA-79-18-4	p 138	N83-15269 #	E-1190	p 232	N83-16758* #
DE83-902337	p 694	N83-34067 #	DOT-TSC-FAA-82-4-1	p 56	N83-10083 #	E-1253	p 393	N83-23306* #
			DOT-TSC-FAA-82-4-2	p 56	N83-10084 #	E-1253	p 458	N83-25712* #
DFVLR-FB-78-23	p 378	N83-24480 #	DOT-TSC-FAA-82-4-3	p 57	N83-10085 #	E-1260	p 352	N83-22442* #
DFVLR-FB-81-26	p 546	N83-28001 #	DOT-TSC-FAA-82-4-4	p 57	N83-10086 #	E-1261	p 215	N83-17547* #
DFVLR-FB-81-28	p 571	N83-28992 #	DOT-TSC-FAA-82-4-5	p 57	N83 10087 #	E-1267	p 218	N83-12433* #
DFVLR-FB-81-31	p 505	N83-27966 #				E-1268	p 201	N83-12092* #
DFVLR-FB-81-33	p 505	N83-27965 #	DOT-1-82-50	p 475	N83-25919 #	E-1287	p 186	N83-15629* #
DFVLR-FB-82-11	p 14	N83-11091 #	DOT/FAA-CT-81/14	p 694	N83-34068 #	E-1302	p 201	N83-12090* #
						E-1330	p 200	N83-12087* #

## REPORT NUMBER INDEX

FAA-RD-82-34

E-1338	p 9	N83-10019* #	EOSR-839	p 380	N83-23284 #	FAA-APO-81-9	p 416	N83-25654 #
E-1357	p 74	N83-11840* #				FAA-APO-83-1	p 416	N83-25652 #
E-1368	p 183	N83-14523* #	EPA-550/9-81-101	p 69	N83-11629 #			
E-1376	p 504	N83-27957* #	EPA-550/9-82-337	p 69	N83-11628 #	FAA-ASF-200-83-1	p 383	N83-24499 #
E-1380	p 194	N83-17509* #	EPA-550/9-82-343	p 220	N83-16358 #	FAA-ASF-300-82-2	p 184	N83-12055 #
E-1382	p 61	N83-11282* #	EPA-550/9-82-344	p 220	N83-16359 #			
E-1383	p 168	N83-15306* #	EPA-600/2-82-103	p 471	N83-26934 #	FAA-CT-21-161	p 345	N83-22214* #
E-1404	p 68	N83-11514* #	EPA-600/7-82-028	p 220	N83-13673 #	FAA-CT-81-69-VOL 2	p 18	N83-11099 #
E-1405	p 67	N83-10425* #				FAA-CT-81-72	p 186	N83-12059 #
E-1407	p 163	N83-14126* #	EPA/DF-82-003A	p 175	N83-12040 #	FAA-CT-82-108-PT-2	p 251	N83-19728 #
E-1408	p 44	N83-11128* #	EPA/DF-82-003B	p 176	N83-12041 #	FAA-CT-82-109	p 198	N83-17524 #
E-1414	p 44	N83-11129* #				FAA-CT-82-111	p 197	N83-16308 #
E-1418	p 69	N83-10559* #	EPFL/LTA-TM-8-82	p 618	N83-31605 #	FAA-CT-82-112	p 220	N83-17558 #
E-1420	p 44	N83-11130* #				FAA-CT-82-116	p 404	N83-23466 #
E-1427	p 73	N83-10885* #	EPRI-AP-2822-VOL-2	p 694	N83-34067 #	FAA-CT-82-117	p 393	N83-23308 #
E-1438	p 224	N83-13939* #				FAA-CT-82-118	p 381	N83-24489 #
E-1439	p 297	N83-19921* #	EPRI-CS-2323-VOL-1	p 303	N83-20165 #	FAA-CT-82-119	p 220	N83-17559 #
E-1443	p 201	N83-12091* #	EPRI-CS-2323-VOL-2	p 303	N83-20166 #	FAA-CT-82-128	p 271	N83-18724 #
E-1444	p 159	N83-15302* #	EPRI-CS-2387	p 73	N83-10887 #	FAA-CT-82-130-1	p 333	N83-22189 #
E-1447	p 222	N83-12966* #				FAA-CT-82-130-2	p 333	N83-22190 #
E-1448	p 202	N83-13101* #	EPRI-EM-2351-VOL-5-PT-1	p 362	N83-22759 #	FAA-CT-82-140	p 170	N83-15315* #
E-1451	p 459	N83-26839* #				FAA-CT-82-143	p 140	N83-15272 #
E-1456	p 191	N83-16152* #	ERA-81-109	p 552	N83-28084 #	FAA-CT-82-144	p 319	N83-22173 #
E-1462	p 163	N83-14127* #				FAA-CT-82-147	p 360	N83-22593 #
E-1463	p 282	N83-18725* #	ERP-810	p 479	N83-26387 #	FAA-CT-82-153	p 383	N83-24495 #
E-1466	p 183	N83-14432* #				FAA-CT-82-156	p 509	N83-27968 #
E-1469	p 139	N83-14078* #	ERR-0287	p 749	N83-36033 #	FAA-CT-82-160-PT-6	p 721	N83-34927 #
E-1470	p 179	N83-15483* #				FAA-CT-82-20	p 211	N83-12248* #
E-1481	p 128	N83-14061* #	ESA-TT-583	p 378	N83-24480 #	FAA-CT-82-29	p 352	N83-22441 #
E-1490	p 166	N83-15307* #	ESA-TT-738	p 546	N83-28001 #	FAA-CT-82-31	p 217	N83-12298 #
E-1494	p 178	N83-15364* #	ESA-TT-742	p 571	N83-28992 #	FAA-CT-82-32	p 147	N83-15274 #
E-1508	p 367	N83-23112* #	ESA-TT-743	p 505	N83-27965 #	FAA-CT-82-33-1-VOL-1	p 319	N83-22171 #
E-1510	p 239	N83-18405* #	ESA-TT-752	p 505	N83-27966 #	FAA-CT-82-33-2-VOL-2	p 319	N83-22172 #
E-1515	p 339	N83-22201* #	ESA-TT-772	p 515	N83-27974 #	FAA-CT-82-38	p 27	N83-11104 #
E-1522	p 339	N83-22200* #	ESA-TT-784	p 442	N83-25706 #	FAA-CT-82-43	p 233	N83-17770 #
E-1525	p 537	N83-29208* #	ESA-TT-806	p 315	N83-20920 #	FAA-CT-82-4	p 359	N83-21212 #
E-1539	p 423	N83-25657* #	ESA-TT-818	p 514	N83-27973 #	FAA-CT-82-52-2-VOL-2	p 325	N83-22176 #
E-1558	p 458	N83-25711* #	ESA-TT-820	p 617	N83-30434 #	FAA-CT-82-54	p 482	N83-26847 #
E-1574	p 367	N83-21895* #	ESA-TT-821	p 653	N83-31425 #	FAA-CT-82-61	p 319	N83-22170 #
E-1575	p 305	N83-19496* #				FAA-CT-82-64	p 260	N83-18705 #
E-1577	p 283	N83-19754* #	ESDU-70023	p 678	N83-32792 #	FAA-CT-82-76	p 515	N83-29192 #
E-1580	p 367	N83-23114* #	ESDU-72026	p 700	N83-33209 #	FAA-CT-82-77	p 58	N83-11151 #
E-1587	p 617	N83-30431* #	ESDU-75011	p 699	N83-33201 #	FAA-CT-82-83	p 211	N83-12237* #
E-1588	p 746	N83-34941* #	ESDU-75011	p 700	N83-33202 #	FAA-CT-82-87	p 324	N83-20930 #
E-1590	p 338	N83-20947* #	ESDU-80011	p 699	N83-33190 #	FAA-CT-82-93	p 297	N83-19922 #
E-1596	p 412	N83-24287* #	ESDU-80020-AMEND-A	p 663	N83-32747 #	FAA-CT-83-23	p 381	N83-24488* #
E-1601	p 408	N83-24658* #	ESDU-80026	p 677	N83-32787 #	FAA-CT-83-25	p 649	N83-31163 #
E-1604	p 368	N83-23115* #	ESDU-80032	p 677	N83-32788 #	FAA-CT-83-40	p 720	N83-34920 #
E-1605	p 394	N83-24506* #	ESDU-80033	p 663	N83-32751 #	FAA-CT-83-6	p 722	N83-36015 #
E-1606	p 482	N83-26643* #	ESDU-80034	p 663	N83-32752 #			
E-1618	p 470	N83-25790* #	ESDU-80035	p 699	N83-33194 #	FAA-EE-82-19	p 479	N83-26320 #
E-1621	p 394	N83-24505* #	ESDU-80037	p 663	N83-32753 #	FAA-EE-82-20	p 479	N83-26322 #
E-1622	p 311	N83-22092* #	ESDU-81009	p 677	N83-32789 #	FAA-EE-83-2	p 770	N83-36849 #
E-1633	p 686	N83-33893* #	ESDU-81013-AMEND-A	p 663	N83-32755 #			
E-1636	p 482	N83-27793* #	ESDU-81014	p 663	N83-32756 #	FAA-EM-80-8-1	p 56	N83-10083 #
E-1640	p 537	N83-27995* #	ESDU-81023	p 663	N83-32759 #	FAA-EM-80-8-2	p 56	N83-10084 #
E-1641	p 563	N83-29597* #	ESDU-81024	p 664	N83-32760 #	FAA-EM-80-8-3	p 57	N83-10085 #
E-1646	p 703	N83-34372* #	ESDU-81026	p 677	N83-32790 #	FAA-EM-80-8-4	p 57	N83-10086 #
E-1665	p 412	N83-25499* #	ESDU-81027-PT-1-AMEND-A	p 699	N83-33201 #	FAA-EM-80-8-5	p 57	N83-10087 #
E-1667	p 407	N83-24764* #	ESDU-81028-PT-2-AMEND-A	p 700	N83-33202 #	FAA-EM-81-17-VOL-10	p 201	N83-16322 #
E-1672	p 554	N83-29360* #	ESDU-81032-AMEND-A	p 678	N83-32791 #	FAA-EM-81-17-VOL-1	p 200	N83-16314 #
E-1674	p 561	N83-28455* #	ESDU-81034	p 664	N83-32761 #	FAA-EM-81-17-VOL-2	p 201	N83-16315 #
E-1675	p 424	N83-25662* #	ESDU-81035	p 706	N83-33677 #	FAA-EM-81-17-VOL-3	p 201	N83-16316 #
E-1676	p 536	N83-27994* #	ESDU-81046	p 678	N83-32792 #	FAA-EM-81-17-VOL-4	p 201	N83-16317 #
E-1694	p 482	N83-27794* #	ESDU-82005	p 664	N83-32762 #	FAA-EM-81-17-VOL-5	p 201	N83-16318 #
E-1695	p 459	N83-26838* #	ESDU-82010	p 664	N83-32763 #	FAA-EM-81-17-VOL-7	p 201	N83-16319 #
E-1702	p 684	N83-32811* #	ESDU-82014	p 698	N83-33160 #	FAA-EM-81-17-VOL-8	p 201	N83-16320 #
E-1710	p 553	N83-28255* #	ESDU-82017	p 664	N83-32764 #	FAA-EM-81-17-VOL-9	p 201	N83-16321 #
E-1711	p 536	N83-27991* #	ESDU-82026-AMEND-A	p 700	N83-33209 #	FAA-EM-82-11	p 669	N83-33861 #
E-1712	p 554	N83-29358* #	ESDU-82027	p 706	N83-33680 #	FAA-EM-82-23-VOL-2	p 202	N83-16323 #
E-1718	p 539	N83-29235* #	ESDU-82033	p 678	N83-32793 #	FAA-EM-82-28-VOL-1	p 631	N83-30442 #
E-1725	p 712	N83-34885* #	ESDU-82034	p 664	N83-32768 #	FAA-EM-82-28-VOL-2	p 594	N83-31592 #
E-1730	p 536	N83-27992* #	ESDU-83001	p 664	N83-32769 #	FAA-EM-82-29	p 178	N83-14291 #
E-1731	p 539	N83-29237* #	ESDU-83006	p 665	N83-32770 #	FAA-EM-83-23-VOL-1	p 148	N83-15279 #
E-1735	p 746	N83-34942* #						
E-1753	p 539	N83-29236* #	ESL-711679-11	p 563	N83-29579 #	FAA-MS-82-5	p 416	N83-25653 #
E-1773	p 684	N83-32810* #	ESL-711679-7	p 186	N83-15570 #			
E-1807	p 682	N83-33883* #	ESL-714215-4	p 648	N83-31931 #	FAA-PM-83-10	p 674	N83-32784 #
E-1824	p 747	N83-34945* #				FAA-PM-83-11	p 390	N83-23302 #
E-1827	p 747	N83-34946* #	ETEC-TDR-82-17	p 648	N83-31028 #	FAA-PM-83-14	p 400	N83-23325 #
E-1833	p 747	N83-34947* #				FAA-PM-83-16	p 407	N83-24742 #
E-1840	p 747	N83-34948* #	EWA-82-R-21	p 69	N83-11661* #	FAA-PM-83-19-REV-A	p 382	N83-24494 #
E-1844	p 712	N83-34886* #				FAA-PM-83-24	p 690	N83-32813 #
E-369	p 10	N83-11058* #	E83-10139	p 234	N83-16814* #	FAA-PM-83-4	p 724	N83-34930 #
E-817	p 302	N83-20119* #				FAA-PM-83-8-REV-C	p 698	N83-33016 #
			FAA-AC-150/5220-15	p 560	N83-28283 #			
ECAC-CR-82-032	p 28	N83-11110 #	FAA-AC-150/5300-12	p 548	N83-28005 #	FAA-RD-79-4-5	p 293	N83-19762 #
ECAC-CR-82-048	p 217	N83-12300 #	FAA-AC-29-2	p 721	N83-36011 #	FAA-RD-81-103	p 220	N83-12867 #
						FAA-RD-81-113	p 28	N83-11110 #
EDR-10696	p 201	N83-12089* #	FAA-AM-83-3	p 589	N83-31589 #	FAA-RD-81-83	p 28	N83-11109 #
EDR-10982	p 43	N83-10046 #				FAA-RD-81-87	p 58	N83-11150 #
			FAA-AMS-220	p 176	N83-13067 #	FAA-RD-82-12	p 187	N83-12066 #
EG-0/0	p 677	N83-32788 #	FAA-AMS-220	p 712	N83-34889 #	FAA-RD-82-12	p 187	N83-12067 #
EG-1/1	p 677	N83-32790 #				FAA-RD-82-14	p 188	N83-13090 #
			FAA-AP-82-2	p 187	N83-12069 #	FAA-RD-82-24	p 147	N83-15274 #
ENST-E-82014	p 478	N83-27114 #	FAA-AP-83-1	p 382	N83-24493 #	FAA-RD-82-34	p 359	N83-21212 #

**FAA-RD-82-35**
**REPORT NUMBER INDEX**

FAA-RD-82-35	p 27	N83-11104 #	GAO/GGD-83-4	p 429	N83-25683 #	ISBN-0-85679-367-1	p 664	N83-32761 #
FAA-RD-82-37	p 188	N83-13088 #				ISBN-0-85679-368-X	p 706	N83-33677 #
FAA-RD-82-40	p 187	N83-12068 #	GAO/MASAD-83-21	p 708	N83-34844 #	ISBN-0-85679-379-5	p 678	N83-32792 #
FAA-RD-82-42	p 28	N83-11108 #	GAO/MASAD-83-2	p 529	N83-29202 #	ISBN-0-85679-379-5	p 700	N83-33202 #
FAA-RD-82-49	p 260	N83-19732 #				ISBN-0-85679-383-3	p 664	N83-32762 #
FAA-RD-82-51	p 324	N83-20930 #	GAO/PLRD-82-68	p 33	N83-11119 #	ISBN-0-85679-388-4	p 664	N83-32763 #
FAA-RD-82-52	p 188	N83-13086 #	GAO/PLRD-82-74	p 139	N83-14074 #	ISBN-0-85679-389-2	p 698	N83-33160 #
FAA-RD-82-53	p 233	N83-17770 #	GAO/PLRD-82-77	p 6	N83-11055 #	ISBN-0-85679-392-2	p 664	N83-32764 #
FAA-RD-82-54	p 187	N83-12064 #				ISBN-0-85679-407-4	p 700	N83-33209 #
FAA-RD-82-62	p 188	N83-13087 #	GAO/RCED-83-98	p 633	N83-31616 #	ISBN-0-85679-408-2	p 706	N83-33680 #
FAA-RD-82-63	p 217	N83-12300 #				ISBN-0-85679-413-9	p 678	N83-32793 #
FAA-RD-82-63	p 147	N83-14103 #	GARRETT-21-3640(22)	p 394	N83-23314 #	ISBN-0-85679-415-5	p 664	N83-32768 #
FAA-RD-82-69	p 476	N83-25929 #	GARRETT-21-4270-1 1	p 213	N83-16343* #	ISBN-0-85679-426-0	p 665	N83-32770 #
FAA-RD-82-6	p 187	N83-12061 #	GARRETT-21-4270-2	p 238	N83-17242* #	ISBN-0-85679-429-5	p 664	N83-32769 #
FAA-RD-82-71	p 260	N83-18705 #	GARRETT-31-3725(3)	p 708	N83-33800* #	ISBN-0-902937-63-4	p 555	N83-29414 #
FAA-RD-82-72	p 658	N83-33827* #				ISBN-0-902937-80-4	p 658	N83-32708 #
FAA-RD-82-75	p 144	N83-14080 #	GE-R82AEB304	p 233	N83-17880* #	ISBN-0-902937-85-5	p 679	N83-33878 #
FAA-RD-82-77	p 360	N83-22593 #				ISBN-3-87977-049-2	p 690	N83-32815 #
FAA-RD-82-78	p 515	N83-29192 #	GEOGRAPHISCHE-SCHRIFTEN-18	p 380	N83-23283 #	ISBN-92-835-0313-8	p 48	N83-10054 #
FAA-RD-82-79	p 220	N83-17559 #				ISBN-92-835-0316-2	p 157	N83-15284 #
FAA-RD-82-7	p 186	N83-12059 #	GIT/EES-A-3167-001	p 528	N83-27986 #	ISBN-92-835-0319-7	p 188	N83-17490 #
FAA-RD-82-81	p 156	N83-15281 #				ISBN-92-835-0320-1	p 188	N83-17470 #
FAA-RD-82-83	p 220	N83-17558 #	GPO-19-200	p 487	N83-27921 #	ISBN-92-835-0321-X	p 347	N83-20957 #
FAA-RD-82-85	p 383	N83-24495 #	GPO-77-969	p 16	N83-11094 #	ISBN-92-835-0324-4	p 311	N83-22093 #
FACHTHEMEN-1	p 400	N83-23320 #	GPO-87-604	p 15	N83-11093 #	ISBN-92-835-0326-2	p 325	N83-22177 #
FACHTHEMEN-2	p 400	N83-23321 #	GPO 94-438	p 346	N83-20953 #	ISBN-92-835-0327-9	p 540	N83-29241 #
FACHTHEMEN-3	p 400	N83-23322 #	GPO-97-336	p 510	N83-29185 #	ISBN-92-835-0328-7	p 576	N83-30357 #
FACHTHEMEN-4	p 400	N83-23323 #	GPO-98-029	p 319	N83-22169 #	ISBN-92-835-1425-4	p 67	N83-11390 #
FALCON-TR-364010	p 352	N83-22441 #	GPO-98-983	p 304	N83-20493 #	ISBN-92-835-1428-9	p 236	N83-18295 #
FALCON-TR-364010	p 694	N83-34068 #	GR-21-4269	p 617	N83-30432* #	ISBN-92-835-1431-9	p 137	N83-14064 #
FCAC-CR-82-048	p 147	N83-14103 #	H-REPT-97-394	p 15	N83-11093 #	ISBN-92-835-1433-5	p 233	N83-17855 #
FE-2291-108A	p 765	N83-35404 #	H-1161	p 424	N83-25665* #	ISBN-92-835-1435-0	p 153	N83-14104 #
FE-2291-115	p 699	N83-33173 #	H-1176	p 205	N83-13115* #	ISBN-92-835-1436-X	p 227	N83-17609 #
FFA-TN-1982-07	p 195	N83-17518 #	H-1192	p 526	N83-27978* #	ISBN-92-835-1437-8	p 45	N83-11138 #
FFA-TN-1982-50	p 377	N83-23280 #	HHA-81-4	p 187	N83-12069 #	ISBN-92-835-1438-6	p 217	N83-17555 #
FFA-TN-1983-3	p 665	N83-32780 #	HHI-82-261	p 205	N83-13115* #	ISBN-92-835-1440-8	p 310	N83-20758 #
FFA-135	p 219	N83-13417 #	HONEYWELL-82SRC5	p 526	N83-27978* #	ISBN-92-835-1441-6	p 376	N83-32726 #
FHWA/IP-82/10	p 647	N83-31912 #	H-1161	p 187	N83-12069 #	ISBN-92-835-1443-2	p 267	N83-19747 #
FJSRL-TR-83-0005	p 752	N83-36037 #	H-1176	p 477	N83-26081 #	ISBN-92-835-1444-0	p 345	N83-22215 #
FOA-C-20455-E3	p 221	N83-16386 #	H-1192	p 205	N83-13113* #	ISBN-92-835-1445-9	p 700	N83-34095 #
FOA-C-20489-E3	p 593	N83-30400 #	H1-9-17	p 410	N83-25327 #	ISBN-92-835-1446-7	p 426	N83-25682 #
FOA-C-30292-E1	p 478	N83-27210 #	IAF PAPER 83-289	p 205	N83-29178* #	ISBN-92-835-1447-5	p 646	N83-31061 #
FOA-C-30308-E1	p 443	N83-26836 #	IAF PAPER 83-298	p 506	N83-29178* #	ISBN-92-835-1448-3	p 550	N83-29277 #
FO8671-00878	p 646	N83-30968 #	IAF PAPER 83-315	p 410	N83-25327 #	ISBN-92-835-1449-1	p 550	N83-29276 #
FR 341 03 0181	p 407	N83-24742 #	IAITIC-82-1010	p 506	N83-29178* #	ISBN-92-835-1451-3	p 610	N83-30414 #
FR-11792	p 170	N83-15318* #	IB-222-82A119	p 410	N83-25327 #	ISBN-92-835-1454-8	p 712	N83-34891 #
FR-14915	p 214	N83-17546* #	IC-AERO-82-03	p 388	N83 23294* #	ISD-294	p 733	N83-34939 #
FR-227	p 378	N83-24482 #	IC-AERO-82-04	p 755	A83-47330 #	ISI-16	p 233	N83-17748 #
FR-5	p 293	N83-19762 #	ICAS-PAPER-82-5 3 3	p 755	A83-47333 #	ISSN-0077-5606	p 288	N83-18744* #
FSGTR/INT-78	p 194	N83-12079 #	ICASE-83-14	p 755	A83-47338 #	ISSN-0080-5149	p 631	N83-30436 #
FSRP-INT-299	p 529	N83-29203 #	ICASE-83-24	p 698	N83-33001 #	ISSN-0082-5255	p 705	N83-33641 #
FTD-ID(RS)T-0285-82	p 3	N83-10003 #	IESA-144-83	p 401	N83-23328* #	ISSN-0082-5255	p 26	N83-10028 #
FTD-ID(RS)T-0291-83	p 733	N83-34937 #	IIHR-240	p 583	N83-30396 #	ISSN-0082-5255	p 204	N83-13111 #
FTD-ID(RS)T-0348-82	p 44	N83-11132 #	ILR-MITT-66-(1980)	p 583	N83-30397 #	ISSN-0082-5263	p 571	N83-28983 #
FTD-ID(RS)T-0416-83	p 770	N83-36988 #	INFO-FT/82-03	p 208	N83-13124* #	ISSN-0082-5263	p 180	N83-13074 #
FTD-ID(RS)T-0458-83	p 734	N83-36026 #	INPE-2753-PRE/329	p 491	N83-27952* #	ISSN-0090-5232	p 401	N83-23329 #
FTD-ID(RS)T-0470-82	p 31	N83-10036 #	INTFL-8202	p 562	N83-29448* #	ISSN-0141-2590	p 679	N83-33877 #
FTD-ID(RS)T-0520-82	p 155	N83-14112 #	ISBN-0-309-03317-9	p 309	N83-19578 #	ISSN-0141-397X	p 537	N83-29207 #
FTD-ID(RS)T-0607-82	p 128	N83-14063 #	ISBN-0-309-03369	p 13	N83-11086* #	ISSN-0141-397X	p 698	N83-33160 #
FTD-ID(RS)T-0621-82	p 6	N83-11035 #	ISBN-0-85679-294-2	p 631	N83-30439* #	ISSN-0141-397X	p 663	N83-32747 #
FTD-ID(RS)T-0659-82	p 718	N83-34913 #	ISBN-0-85679-303-5	p 430	N83-25686 #	ISSN-0141-397X	p 663	N83-32751 #
FTD-ID(RS)T-0870-82	p 202	N83-16325 #	ISBN-0-85679-309-4	p 631	N83-30437 #	ISSN-0141-397X	p 663	N83-32752 #
FTD-ID(RS)T-1011-82	p 301	N83-18953 #	ISBN-0-85679-315-9	p 221	N83-13835* #	ISSN-0141-397X	p 663	N83-32753 #
FTD-ID(RS)T-1077-82	p 315	N83-20923 #	ISBN-0-85679-316-7	p 218	N83-13320 #	ISSN-0141-397X	p 663	N83-32754 #
FTD-ID(RS)T-1561-82	p 459	N83-25715 #	ISBN-0-85679-317-5	p 560	N83-28290 #	ISSN-0141-397X	p 663	N83-32755 #
FTD-ID(RS)T-1611-82	p 539	N83-29239 #	ISBN-0-85679-318-3	p 699	N83-33190 #	ISSN-0141-397X	p 663	N83-32756 #
FTD-ID(RS)T-1723-82	p 606	N83-30409 #	ISBN-0-85679-320-5	p 663	N83-32747 #	ISSN-0141-397X	p 663	N83-32759 #
FTL-R82-6	p 140	N83-15273* #	ISBN-0-85679-325-8	p 677	N83-32788 #	ISSN-0141-397X	p 664	N83-32760 #
FTR-1	p 220	N83-13706* #	ISBN-0-85679-334-5	p 663	N83-32788 #	ISSN-0141-397X	p 664	N83-32761 #
FZA-540-VOL-1	p 504	N83-27962 #	ISBN-0-85679-335-8	p 663	N83-32751 #	ISSN-0141-397X	p 664	N83-32762 #
FZA-540-VOL-2	p 425	N83-25676 #	ISBN-0-85679-336-6	p 663	N83-32752 #	ISSN-0141-397X	p 664	N83-32763 #
GAO/AFMD-83-34	p 432	N83-25687 #	ISBN-0-85679-337-4	p 699	N83-33194 #	ISSN-0141-397X	p 664	N83-32764 #
GAO/CED-82-54	p 189	N83-14769 #	ISBN-0-85679-338-8	p 663	N83-32753 #	ISSN-0141-397X	p 664	N83-32768 #
GAO/CED-82-94	p 139	N83-14075 #	ISBN-0-85679-339-6	p 663	N83-32754 #	ISSN-0141-397X	p 665	N83-32770 #
GAO/FPDC-83-4	p 466	N83-25731 #	ISBN-0-85679-345-8	p 663	N83-32756 #	ISSN-0141-397X	p 678	N83-32791 #
			ISBN-0-85679-355-8	p 663	N83-32757 #	ISSN-0141-4003	p 699	N83-33201 #
			ISBN-0-85679-356-6	p 663	N83-32758 #	ISSN-0141-4003	p 700	N83-33202 #
			ISBN-0-85679-361-2	p 663	N83-32759 #	ISSN-0141-4003	p 700	N83-33209 #
			ISBN-0-85679-364-7	p 663	N83-32760 #	ISSN-0141-4004	p 664	N83-32769 #
				p 663	N83-32761 #	ISSN-0141-4004	p 677	N83-32787 #
				p 663	N83-32762 #	ISSN-0141-4004	p 677	N83-32788 #
				p 663	N83-32763 #	ISSN-0141-4004	p 677	N83-32789 #
				p 663	N83-32764 #	ISSN-0141-4004	p 677	N83-32790 #
				p 663	N83-32765 #	ISSN-0141-4004	p 678	N83-32792 #
				p 663	N83-32766 #	ISSN-0141-4004	p 678	N83-32793 #
				p 663	N83-32767 #	ISSN-0141-4004	p 699	N83-33190 #
				p 663	N83-32768 #	ISSN-0141-4004	p 699	N83-33194 #
				p 663	N83-32769 #	ISSN-0141-4004	p 653	N83-32517 #
				p 663	N83-32770 #	ISSN-0141-4004	p 699	N83-33194 #
				p 663	N83-32771 #	ISSN-0141-4004	p 33	N83-11120 #
				p 663	N83-32772 #	ISSN-0141-4004	p 33	N83-11121 #
				p 663	N83-32773 #	ISSN-0141-4004	p 53	N83-11145 #
				p 663	N83-32774 #	ISSN-0141-4004	p 58	N83-11152 #
				p 663	N83-32775 #	ISSN-0141-4004	p 181	N83-13078 #
				p 663	N83-32776 #	ISSN-0141-4004		
				p 663	N83-32777 #	ISSN-0141-4004		
				p 663	N83-32778 #	ISSN-0141-4004		
				p 663	N83-32779 #	ISSN-0141-4004		
				p 663	N83-32780 #	ISSN-0141-4004		
				p 663	N83-32781 #	ISSN-0141-4004		
				p 663	N83-32782 #	ISSN-0141-4004		
				p 663	N83-32783 #	ISSN-0141-4004		
				p 663	N83-32784 #	ISSN-0141-4004		
				p 663	N83-32785 #	ISSN-0141-4004		
				p 663	N83-32786 #	ISSN-0141-4004		
				p 663	N83-32787 #	ISSN-0141-4004		
				p 663	N83-32788 #	ISSN-0141-4004		
				p 663	N83-32789 #	ISSN-0141-4004		
				p 663	N83-32790 #	ISSN-0141-4004		
				p 663	N83-32791 #	ISSN-0141-4004		
				p 663	N83-32792 #	ISSN-0141-4004		
				p 663	N83-32793 #	ISSN-0141-4004		
				p 663	N83-32794 #	ISSN-0141-4004		
				p 663	N83-32795 #	ISSN-0141-4004		
				p 663	N83-3			



ISSN-0170-1339	p 195	N83-13094 #	L-15314	p 9	N83-10016 #	LC-82-600595	p 293	N83-19764 #
ISSN-0170-1339	p 213	N83-16347 #	L-15317	p 638	N83-31730 #		p 227	N83-17600 #
ISSN-0170-1339	p 233	N83-17749 #	L-15321	p 15	N83-10024 #	LG81340198	p 222	N83-12968 #
ISSN-0170-1339	p 389	N83-23296 #	L-15343	p 11	N83-11059 #	LG82ER0031	p 427	N83-26822 #
ISSN-0170-1339	p 391	N83-23304 #	L-15379	p 67	N83-10442 #	LG82ER0184	p 608	N83-31597 #
ISSN-0170-1339	p 394	N83-23311 #	L-15389	p 210	N83-17535 #	LG83ER0055	p 718	N83-36006 #
ISSN-0170-1339	p 397	N83-23319 #	L-15402	p 736	N83-36028 #	LG83ER0060		
ISSN-0170-1339	p 402	N83-24522 #	L-15403	p 270	N83-18723 #			
ISSN-0170-1339	p 507	N83-29184 #	L-15431	p 183	N83-14521 #			
ISSN-0170-6071	p 223	N83-17748 #	L-15436	p 319	N83-22168 #	LMI-ML111	p 155	N83-14116 #
ISSN-0243-0177	p 194	N83-12081 #	L-15438	p 139	N83-14077 #	LMI-ML213-1	p 401	N83-23330 #
ISSN-0243-0177	p 223	N83-12976 #	L-15453	p 31	N83-10035 #			
ISSN-0243-0177	p 194	N83-13093 #	L-15481	p 73	N83-11838 #	LPL-NAV-82-2817	p 194	N83-13092 #
ISSN-0289-4010	p 244	N83-18661 #	L-15482	p 209	N83-16338 #		p 722	N83-36015 #
ISSN-0307-0115	p 706	N83-33677 #	L-15486	p 382	N83-24490 #	LPN-FAA-184-341-500		
ISSN-0307-0115	p 706	N83-33680 #	L-15491	p 292	N83-18770 #		p 440	N83-25692 #
ISSN-0308-7247	p 583	N83-30396 #	L-15493	p 73	N83-10883 #	LR-28743	p 440	N83-25693 #
ISSN-0308-7247	p 583	N83-30397 #	L-15497	p 174	N83-14138 #	LR-28843	p 440	N83-25694 #
ISSN-0309-6521	p 301	N83-19129 #	L-15507	p 377	N83-24471 #	LR-29058	p 606	N83-30406 #
ISSN-0340-7608	p 164	N83-14132 #	L-15508	p 192	N83-12070 #	LR-29635	p 606	N83-30405 #
ISSN-0340-7608	p 164	N83-14133 #	L-15510	p 217	N83-12395 #	LR-29676	p 605	N83-30404 #
ISSN-0340-7608	p 233	N83-16765 #	L-15511	p 191	N83-16151 #	LR-29723	p 16	N83-11095 #
ISSN-0340-7608	p 539	N83-29240 #	L-15512	p 219	N83-13419 #	LR-30060	p 381	N83-24488 #
ISSN-0340-7608	p 554	N83-29377 #	L-15513	p 561	N83-28378 #	LR-30141	p 266	N83-18717 #
ISSN-0340-7608	p 554	N83-29407 #	L-15517	p 234	N83-16951 #	LR-30254	p 479	N83-27476 #
ISSN-0340-7608	p 555	N83-29408 #	L-15519	p 266	N83-18715 #	LR-355		
ISSN-0347-3694	p 593	N83-30400 #	L-15520	p 335	N83-22196 #		p 442	N83-26829 #
ISSN-0361-1981	p 218	N83-13320 #	L-15525	p 427	N83-26821 #	LT-82-132		
ISSN-0361-1981	p 560	N83-28290 #	L-15527	p 424	N83-25666 #		p 402	N83-24520 #
ISSN-0389-4010	p 57	N83-11146 #	L-15529	p 362	N83-21730 #	M-TP-82-006-U		
ISSN-0389-4010	p 179	N83-12043 #	L-15530	p 265	N83-18709 #		p 180	N83-12051 #
ISSN-0389-4010	p 200	N83-12086 #	L-15535	p 583	N83-31577 #	MAE-1571	p 606	N83-30407 #
ISSN-0389-4010	p 217	N83-12348 #	L-15536	p 506	N83-29176 #	MAE 1576-T		
ISSN-0389-4010	p 207	N83-17528 #	L-15537	p 210	N83-12147 #		p 304	N83-20445 #
ISSN-0389-4010	p 207	N83-17529 #	L-15539	p 316	N83-22162 #	MAN-106		
ISSN-0389-4010	p 217	N83-17554 #	L-15540	p 333	N83-22191 #		p 72	N83-10875 #
ISSN-0389-4010	p 244	N83-18660 #	L-15541	p 288	N83-19758 #	MASAD-81-20		
ISSN-0389-4010	p 245	N83-18674 #	L-15544	p 333	N83-22192 #	MAW-82-009-U	p 402	N83-24519 #
ISSN-0389-4010	p 245	N83-18675 #	L-15546	p 271	N83-19748 #			
ISSN-0389-4010	p 288	N83 18743 #	L-15551	p 288	N83-19757 #		p 31	N83-10037 #
ISSN-0389-4010	p 395	N83 24508 #	L-15555	p 316	N83-22161 #	MBB-UD-348	p 206	N83-16335 #
ISSN-0389-4010	p 397	N83 24514 #	L-15558	p 608	N83-31596 #	MBB-UD-350	p 10	N83-10021 #
ISSN-0549-3811	p 766	N83 36396 #	L-15565	p 754	N83-36039 #	MBB-UD-353	p 196	N83-17522 #
ISSN-0721-5320	p 703	N83 34387 #	L-15567	p 290	N83-18748 #	MBB-UD-356-82-O	p 207	N83-17533 #
			L-15570	p 377	N83-24478 #	MBB-UD-359-82-O		
ITT-83-32-02	p 530	N83 27990 #	L-15578	p 359	N83-21391 #			
			L-15595	p 707	N83-34713 #	MBB-349-81-O-E	p 195	N83-17520 #
IZF-1982-28	p 698	N83-33035 #	L-15598	p 653	N83-32518 #	MBB-351 82-O-E	p 195	N83-17521 #
			L-15599	p 706	N83-33684 #			
JPL-PUB-82-40	p 211	N83-12246 #	L-15601	p 720	N83-34921 #	MBB/FE123/S/PUB/83	p 402	N83-24518 #
JPL-PUB-82-53	p 211	N83 12248 #	L-15607	p 665	N83-32776 #	MBB/FE123/S/STY/0042	p 402	N83-24522 #
JPL-PUB-82-80	p 404	N83 24711 #	L-15611	p 666	N83-33848 #			
			L-15613	p 669	N83-33859 #	MCR-TR-8104-3	p 577	N83-31574 #
JPL-5030-543	p 211	N83-12237 #	L-15626	p 549	N83-29273 #	MCR-TR-8229-1	p 654	N83-32667 #
			L-15638	p 688	N83-33896 #			
JPRS-82053	p 176	N83 13060 #	L 15640	p 733	N83-34935 #	MDC-A7172-VOL-1	p 155	N83-14115 #
			L-15641	p 693	N83-33957 #	MDC-A7172-VOL-3	p 155	N83-14114 #
JSC-18574	p 234	N83 16814 #	L-7583	p 52	N83-11141 #	MDC-A7910	p 333	N83-22193 #
			L-7983	p 4	N83-11020 #	MDC-A7910	p 333	N83-22194 #
JS1109	p 646	N83 30968 #	L-8049	p 4	N83-11019 #			
			L-8081	p 12	N83-11074 #	MDC-IRO296	p 531	N83-29204 #
JTCG/AS-81-S-004	p 703	N83 34313 #	L-8220	p 5	N83-11029 #			
JTCG/AS-82-SM-006	p 771	N83-37015 #	L-8290	p 6	N83-11034 #	MDC-J2525	p 16	N83-11097 #
			L-8358	p 5	N83-11030 #	MDC-J9838	p 721	N83-36010 #
KA-TR-202	p 466	N83-25732 #	L-8495	p 6	N83-11032 #			
			L-8522	p 5	N83-11026 #	MDC-Q0769	p 301	N83-19062 #
KB-TE-1 1173	p 632	N83-31611 #	L-8689	p 5	N83-11028 #	MDC-Q0773	p 426	N83-25679 #
			L-8730	p 5	N83-11027 #			
KTH-AERO-TN-62	p 460	N83-26843 #	L-8832	p 6	N83-11033 #	MED-132	p 297	N83-19922 #
			L-9006	p 4	N83-11023 #			
KU-FRL-417-19	p 190	N83-15043 #	L-9146	p 32	N83-11116 #	MERADCOM-82472	p 749	N83-36033 #
KU-FRL-427-1	p 424	N83-25667 #	L-9158	p 4	N83-11021 #			
KU-FRL-464-5-REV-A	p 668	N83-32782 #	L-9196	p 4	N83-11024 #	MHSMP-83-10	p 632	N83-30443 #
KU-FRL-582-1	p 397	N83-24512 #	L 9233	p 4	N83-11022 #			
			L-9267	p 4	N83-11025 #	MIT-ASRL-TR-197-2	p 362	N83-22740 #
L-10220	p 12	N83-11073 #	L-9275	p 5	N83-11031 #	MIT-ASRL-TR-197-4	p 361	N83-21509 #
L-10606	p 4	N83-11018 #	L-9548	p 12	N83-11076 #	MIT-ASRL-TR-197-5	p 362	N83-22747 #
L-12341	p 11	N83-11071 #	L-9841	p 13	N83-11083 #			
L-12359	p 12	N83-11072 #	L-9852	p 32	N83-11115 #	MRI-7014-G	p 60	N83-10207 #
L-13389	p 53	N83-11142 #	L-9939	p 13	N83-11082 #	MRI-82-FR-1862	p 270	N83-18720 #
L-13413	p 552	N83-28098 #	L-9960	p 13	N83-11081 #			
L-13825	p 582	N83-30390 #				MRL-TN-466	p 548	N83-28007 #
L-13891	p 317	N83-22167 #	LA-TR-4	p 191	N83-16293 #			
L-13900	p 191	N83-16290 #				MTI-83TR12	p 174	N83-14139 #
L-14182	p 582	N83-30389 #	LA-UR-81-3150	p 176	N83-15321 #	MTI-83TR55	p 686	N83-33894 #
L-14366	p 56	N83-10082 #						
L-14409	p 581	N83-30386 #	LA-9476-PR	p 413	N83-25529 #	MTPR-11	p 200	N83-12088 #
L-15064	p 190	N83-16150 #	LA-9550-PR	p 653	N83-32575 #			
L-15080	p 301	N83-19018 #	LA-9568-MS	p 410	N83-25232 #	MTR-81W275	p 669	N83-33861 #
L-15100	p 582	N83-30391 #				MTR-82W00114-VOL-1	p 148	N83-15279 #
L-15108	p 491	N83-27951 #	LBF-S-166	p 703	N83-34387 #	MTR-82W00114-VOL-2	p 202	N83-16323 #
L-15122	p 216	N83-17550 #				MTR-82W125-VOL-1	p 631	N83-30442 #
L-15215	p 52	N83-11139 #	LC-81-14053	p 296	N83-18904 #	MTR-82W125-VOL 2	p 594	N83-31592 #
L-15239	p 245	N83 18673 #	LC-82-12456	p 218	N83-13320 #	MTR-82W162	p 479	N83-26320 #
L-15292	p 68	N83-11513 #	LC-82-24696	p 560	N83-28290 #			
L-15295	p 365	N83-23049 #	LC-82-600387	p 331	N83-20931 #	N-151871	p 391	N83-24504 #

NA-76-469-VOL-1	p 154	N83-14107* #	NAS 1 15 X-72701	p 11	N83-11069* #	NAS 1 15 83390	p 407	N83-24764* #
NA-76-469-VOL-2	p 154	N83-14108* #	NAS 1 15 X-72711	p 12	N83-11075* #	NAS 1 15 83395	p 554	N83-29360* #
NA-76-469-VOL-3	p 154	N83-14109* #	NAS 1 15 X-72712	p 12	N83-11077* #	NAS 1 15 83397	p 561	N83-28455* #
NA-76-469-VOL-4	p 154	N83-14110* #	NAS 1 15 X-73948	p 12	N83-11079* #	NAS 1 15 83398	p 424	N83-25662* #
NA-76-469-VOL-5	p 154	N83-14111* #	NAS 1 15 X-74041	p 13	N83-11080* #	NAS 1 15 83399	p 536	N83-27994* #
NA-81-148	p 184	N83-14530 #	NAS 1 15 76715	p 191	N83-16291* #	NAS 1 15 83411	p 482	N83-27794* #
NA-81-234-VOL-1	p 68	N83-11521 #	NAS 1 15 76931	p 400	N83-23324* #	NAS 1 15 83412	p 459	N83-26838* #
NA-81-234-VOL-1	p 193	N83-12077 #	NAS 1 15 76970	p 205	N83-16328* #	NAS 1 15 83414	p 684	N83-32811* #
NA-81-234-VOL-2	p 193	N83-12078 #	NAS 1 15 76971	p 690	N83-33908* #	NAS 1 15 83420	p 553	N83-28255* #
			NAS 1 15 77005	p 293	N83-18771* #	NAS 1 15 83421	p 536	N83-27991* #
NADC-13920-2	p 267	N83-19744 #	NAS 1 15 77006	p 631	N83-30439* #	NAS 1 15 83423	p 554	N83-29358* #
NADC-13920-2	p 443	N83-26834 #	NAS 1 15 77013	p 314	N83-20915* #	NAS 1 15 83429	p 539	N83-29235* #
NADC-77022-30	p 167	N83-15314 #	NAS 1 15 77024	p 684	N83-32805* #	NAS 1 15 83433	p 712	N83-34885* #
NADC-81023-60	p 461	N83-25716 #	NAS 1 15 77042	p 388	N83-23295* #	NAS 1 15 83435	p 536	N83-27992* #
NADC-81106-60	p 528	N83-29200 #	NAS 1 15 77050	p 401	N83-23328* #	NAS 1 15 83436	p 539	N83-29237* #
NADC-81177-60	p 441	N83-25699 #	NAS 1 15 77053	p 393	N83-23310* #	NAS 1 15 83438	p 504	N83-27957* #
NADC-81218-60	p 191	N83-16293 #	NAS 1 15 77069	p 631	N83-30438* #	NAS 1 15 83447	p 539	N83-29236* #
NADC-81275-60	p 688	N83-33905 #	NAS 1 15 77073	p 691	N83-33909* #	NAS 1 15 83454	p 702	N83-34192* #
NADC-81293-60	p 441	N83-25700 #	NAS 1 15 77077	p 582	N83-30394* #	NAS 1 15 83458	p 684	N83-32810* #
NADC-82012-60	p 156	N83-14121 #	NAS 1 15 77081	p 684	N83-32809* #	NAS 1 15 83466	p 746	N83-34942* #
NADC-82047-60	p 170	N83-14136 #	NAS 1 15 77083	p 584	N83-31579* #	NAS 1 15 83484	p 682	N83-33883* #
NADC-82089-60	p 271	N83-19752 #	NAS 1 15 77087	p 686	N83-33892* #	NAS 1 15 83493	p 747	N83-34945* #
NADC-82106-60	p 139	N83-14079 #	NAS 1 15 78731	p 11	N83-11071* #	NAS 1 15 83494	p 747	N83-34946* #
NADC-82126-60	p 669	N83-33860 #	NAS 1 15 78733	p 12	N83-11072* #	NAS 1 15 83499	p 747	N83-34947* #
NADC-82186-60	p 666	N83-33856 #	NAS 1 15 81336-SUPPL	p 666	N83-33846* #	NAS 1 15 83501	p 747	N83-34948* #
NADC-82195-60	p 267	N83-19742 #	NAS 1 15 81372	p 205	N83-13115* #	NAS 1 15 83505	p 712	N83-34886* #
NADC-82216-60	p 585	N83-30399 #	NAS 1 15 81790	p 53	N83-11142* #	NAS 1 15 84245-VOL-2	p 179	N83-12048* #
NADC-82240-60	p 751	N83-34955 #	NAS 1 15 81857	p 32	N83-11114* #	NAS 1 15 84258-PT-1	p 48	N83-10049* #
NADC-82249-10	p 250	N83-19723 #	NAS 1 15 81912	p 317	N83-22167* #	NAS 1 15 84258-PT-2	p 48	N83-10050* #
NADC-82249-60	p 721	N83-34924 #	NAS 1 15 81933	p 582	N83-30388* #	NAS 1 15 84269	p 16	N83-11098* #
NADC-82268-60	p 589	N83-31589 #	NAS 1 15 82522	p 410	N83-25268* #	NAS 1 15 84270	p 461	N83-26845* #
NADC-83039-60	p 721	N83-36012 #	NAS 1 15 82528	p 270	N83-25854* #	NAS 1 15 84276	p 47	N83-10048* #
			NAS 1 15 82890	p 401	N83-12092* #	NAS 1 15 84281	p 48	N83-10051* #
NAE-AN-3	p 648	N83-32071 #	NAS 1 15 82932	p 200	N83-12087* #	NAS 1 15 84289	p 217	N83-17552* #
NAE-AN-5	p 629	N83-31608 #	NAS 1 15 82939	p 9	N83-10019* #	NAS 1 15 84291	p 204	N83-13112* #
NAE-AN-7	p 510	N83-29187 #	NAS 1 15 82949	p 201	N83-12090* #	NAS 1 15 84292	p 571	N83-28985* #
NAE-AN-8	p 510	N83-29188 #	NAS 1 15 82950	p 74	N83-11840* #	NAS 1 15 84293	p 216	N83-16349* #
			NAS 1 15 82953	p 183	N83-14523* #	NAS 1 15 84294	p 205	N83-13114* #
NAE-LR-611	p 68	N83-11520 #	NAS 1 15 82956	p 218	N83-12433* #	NAS 1 15 84295	p 52	N83-11140* #
			NAS 1 15 82963	p 194	N83-17509* #	NAS 1 15 84296	p 396	N83-23316* #
NAEC-92-169	p 638	N83-31752 #	NAS 1 15 82964	p 166	N83-15306* #	NAS 1 15 84298	p 265	N83-18712* #
NAEC-92-170	p 302	N83-20007 #	NAS 1 15 82975	p 68	N83-11514* #	NAS 1 15 84300	p 217	N83-12393* #
			NAS 1 15 82976	p 67	N83-10425* #	NAS 1 15 84303	p 187	N83-17451* #
NAL-TM-440	p 400	N83-23324* #	NAS 1 15 82978	p 163	N83-14126* #	NAS 1 15 84305	p 478	N83-27148* #
			NAS 1 15 82979	p 44	N83-11128* #	NAS 1 15 84309	p 377	N83-24473* #
NAL-TR-647T	p 57	N83-11146 #	NAS 1 15 82983	p 44	N83-11129* #	NAS 1 15 84311	p 288	N83-18745* #
NAL-TR-693	p 179	N83-12043 #	NAS 1 15 82986	p 69	N83-10559* #	NAS 1 15 84312	p 192	N83-16273* #
NAL-TR-699	p 200	N83-12084 #	NAS 1 15 82988	p 44	N83-11130* #	NAS 1 15 84315	p 311	N83-22091* #
NAL-TR-700	p 200	N83-12085 #	NAS 1 15 82994	p 73	N83-10885* #	NAS 1 15 84316	p 266	N83-19739* #
NAL-TR-702	p 207	N83-17529 #	NAS 1 15 83002	p 224	N83-13939* #	NAS 1 15 84323	p 270	N83-18721* #
NAL-TR-703	p 200	N83-12086 #	NAS 1 15 83003	p 201	N83-12091* #	NAS 1 15 84324	p 343	N83-22205* #
NAL-TR-709	p 217	N83-12348 #	NAS 1 15 83003	p 297	N83-19921* #	NAS 1 15 84327	p 250	N83-19721* #
NAL-TR-713-PT-1	p 207	N83-17528 #	NAS 1 15 83006	p 61	N83-11282* #	NAS 1 15 84330	p 515	N83-22159* #
NAL-TR-718	p 217	N83-17554 #	NAS 1 15 83009	p 159	N83-15302* #	NAS 1 15 84334	p 563	N83-29636* #
NAL-TR-722	p 244	N83-18660 #	NAS 1 15 83012	p 222	N83-12966* #	NAS 1 15 84337	p 352	N83-22320* #
NAL-TR-724	p 244	N83-18661 #	NAS 1 15 83013	p 202	N83-13101* #	NAS 1 15 84339	p 721	N83-34923* #
NAL-TR-726T	p 288	N83-18743 #	NAS 1 15 83020	p 191	N83-16152* #	NAS 1 15 84348	p 462	N83-26846* #
NAL-TR-729-PT-1	p 245	N83-18675 #	NAS 1 15 83027	p 163	N83-14127* #	NAS 1 15 84349	p 571	N83-28986* #
NAL-TR-734	p 245	N83-18674 #	NAS 1 15 83028	p 282	N83-18725* #	NAS 1 15 84363	p 377	N83-24472* #
NAL-TR-741	p 395	N83-24508 #	NAS 1 15 83030	p 183	N83-14432* #	NAS 1 15 84364	p 478	N83-27149* #
NAL-TR-743	p 397	N83-24514 #	NAS 1 15 83031	p 139	N83-14078* #	NAS 1 15 84367	p 563	N83-29634* #
			NAS 1 15 83032	p 179	N83-15483* #	NAS 1 15 84372	p 548	N83-28006* #
NAPC-PE-80	p 539	N83-29234* #	NAS 1 15 83037	p 128	N83-14061* #	NAS 1 15 84374	p 504	N83-27961* #
			NAS 1 15 83038	p 191	N83-15169* #	NAS 1 15 84381	p 506	N83-29180* #
NAR-TR-270	p 506	N83-29182 #	NAS 1 15 83043	p 166	N83-15307* #	NAS 1 15 84386	p 652	N83-32397* #
			NAS 1 15 83047	p 178	N83-15364* #	NAS 1 15 84388	p 688	N83-33904* #
NAS 1 15 X-1831	p 13	N83-11084* #	NAS 1 15 83054	p 367	N83-23112* #	NAS 1 15 84405	p 702	N83-34278* #
NAS 1 15 X-2284	p 52	N83-11141* #	NAS 1 15 83057	p 339	N83-22200* #	NAS 1 15 84486	p 190	N83-16150* #
NAS 1 15 X-2454	p 4	N83-11020* #	NAS 1 15 83069	p 423	N83-25657* #	NAS 1 15 84490	p 9	N83-10017* #
NAS 1 15 X-2471	p 4	N83-11019* #	NAS 1 15 83088	p 339	N83-22201* #	NAS 1 15 84493	p 319	N83-22168* #
NAS 1 15 X-2551	p 12	N83-11074* #	NAS 1 15 83234-SUPPL	p 365	N83-23049* #	NAS 1 15 84526	p 174	N83-14138* #
NAS 1 15 X-2571	p 6	N83-11034* #	NAS 1 15 83234	p 364	N83-23048* #	NAS 1 15 84527	p 56	N83-10082* #
NAS 1 15 X-2582	p 5	N83-11030* #	NAS 1 15 83246	p 301	N83-19018* #	NAS 1 15 84528	p 31	N83-10035* #
NAS 1 15 X-2618	p 5	N83-11029* #	NAS 1 15 83252	p 30	N83-10034* #	NAS 1 15 84534	p 207	N83-17530* #
NAS 1 15 X-2759	p 5	N83-11028* #	NAS 1 15 83292	p 301	N83-19124* #	NAS 1 15 84538	p 15	N83-10024* #
NAS 1 15 X-2760	p 5	N83-11027* #	NAS 1 15 83317	p 239	N83-18405* #	NAS 1 15 84545	p 192	N83-12070* #
NAS 1 15 X-2794	p 6	N83-11033* #	NAS 1 15 83325	p 408	N83-24829* #	NAS 1 15 84550	p 219	N83-13419* #
NAS 1 15 X-2808	p 6	N83-11032* #	NAS 1 15 83327	p 367	N83-21895* #	NAS 1 15 84553	p 191	N83-16151* #
NAS 1 15 X-2900	p 4	N83-11023* #	NAS 1 15 83328	p 305	N83-19496* #	NAS 1 15 84554	p 177	N83-14170* #
NAS 1 15 X-2929	p 4	N83-11024* #	NAS 1 15 83330	p 283	N83-19754* #	NAS 1 15 84556	p 217	N83-12395* #
NAS 1 15 X-2954	p 4	N83-11025* #	NAS 1 15 83333	p 367	N83-23114* #	NAS 1 15 84563	p 216	N83-17550* #
NAS 1 15 X-2977	p 5	N83-11026* #	NAS 1 15 83338	p 338	N83-20947* #	NAS 1 15 84568	p 265	N83-18709* #
NAS 1 15 X-2978	p 5	N83-11031* #	NAS 1 15 83341	p 412	N83-24287* #	NAS 1 15 84571	p 362	N83-21730* #
NAS 1 15 X-3024	p 4	N83-11021* #	NAS 1 15 83343	p 458	N83-25711* #	NAS 1 15 84573	p 377	N83-24471* #
NAS 1 15 X-3036	p 4	N83-11022* #	NAS 1 15 83346	p 393	N83-23306* #	NAS 1 15 84578	p 178	N83-15361* #
NAS 1 15 X-3082	p 12	N83-11076* #	NAS 1 15 83347	p 368	N83-23115* #	NAS 1 15 84581	p 271	N83-19748* #
NAS 1 15 X-3095	p 32	N83-11116* #	NAS 1 15 83348	p 394	N83-24506* #	NAS 1 15 84582	p 245	N83-18673* #
NAS 1 15 X-3149	p 32	N83-11115* #	NAS 1 15 83349	p 482	N83-26643* #	NAS 1 15 84584	p 288	N83-19757* #
NAS 1 15 X-3203	p 13	N83-11083* #	NAS 1 15 83357	p 470	N83-25790* #	NAS 1 15 84588	p 138	N83-15266* #
NAS 1 15 X-3211	p 13	N83-11081* #	NAS 1 15 83359	p 394	N83-24505* #	NAS 1 15 84596	p 194	N83-17508* #
NAS 1 15 X-3231	p 12	N83-11073* #	NAS 1 15 83360	p 311	N83-22092* #	NAS 1 15 84597	p 195	N83-17510* #
NAS 1 15 X-3251	p 13	N83-11082* #	NAS 1 15 83370	p 482	N83-27793* #	NAS 1 15 84601	p 335	N83-22196* #
NAS 1 15 X-3355	p 4	N83-11018* #	NAS 1 15 83372	p 537	N83-27995* #	NAS 1 15 84606	p 234	N83-17899* #
NAS 1 15 X-71996	p 11	N83-11070* #	NAS 1 15 83373	p 563	N83-29597* #	NAS 1 15 84610	p 382	N83-24490* #
NAS 1 15 X-72007	p 12	N83-11078* #	NAS 1 15 83387	p 412	N83-25499* #	NAS 1 15 84614	p 506	N83-29176* #
NAS 1 15 X-72684	p 13	N83-11085* #	NAS 1 15 83389	p 408	N83-24858* #	NAS 1 15 84620	p 424	N83-25660* #

NAS 1 15 84823	p 491	N83-27951*	NAS 1.26 165952	p 192	N83-12071*	NAS 1.26 168097	p 380	N83-23281*
NAS 1 15 84827	p 564	N83-29732*	NAS 1 26 165965	p 296	N83-18894*	NAS 1 26 168106	p 409	N83-24048*
NAS 1 15 84635	p 461	N83-26844*	NAS 1 26 165994	p 207	N83-12102*	NAS 1 26 168108	p 362	N83-22740*
NAS 1 15 84637	p 297	N83-18815*	NAS 1 26 166002	p 177	N83-14169*	NAS 1 26 168109	p 361	N83-21509*
NAS 1 15 84639	p 331	N83-20933*	NAS 1 26 166010	p 140	N83-15273*	NAS 1 26 168110	p 362	N83-22747*
NAS 1 15 84647	p 315	N83-22157*	NAS 1 26 166017	p 208	N83-13122*	NAS 1 26 168110	p 332	N83-22188*
NAS 1 15 84652	p 411	N83-24212*	NAS 1 26 166021	p 190	N83-15042*	NAS 1 26 168124	p 478	N83-27213*
NAS 1 15 84659	p 396	N83-23317*	NAS 1 26 166023	p 170	N83-15317*	NAS 1 26 168138	p 404	N83-23484*
NAS 1 15 84660	p 669	N83-33859*	NAS 1 26 166026	p 174	N83-14140*	NAS 1 26 168140	p 637	N83-30662*
NAS 1 15 84661	p 549	N83-29273*	NAS 1 26 166042	p 178	N83-15320*	NAS 1 26 168161	p 537	N83-27996*
NAS 1 15 84664	p 653	N83-32518*	NAS 1 26 166047	p 170	N83-15319*	NAS 1 26 168163	p 539	N83-28234*
NAS 1 15 84665	p 417	N83-26785*	NAS 1 26 166053	p 238	N83-18404*	NAS 1 26 168166	p 377	N83-24474*
NAS 1 15 84723	p 67	N83-10378*	NAS 1 26 166056	p 238	N83-18304*	NAS 1 26 168167	p 617	N83-30432*
NAS 1 15 84899	p 198	N83-13095*	NAS 1 26 166061	p 569	N83-30061*	NAS 1 26 168180	p 637	N83-30551*
NAS 1 15 84900	p 208	N83-13124*	NAS 1 26 166062	p 569	N83-30062*	NAS 1 26 168180	p 699	N83-33182*
NAS 1 15 84901	p 265	N83-18710*	NAS 1 26 166067	p 265	N83-18713*	NAS 1 26 168187	p 645	N83-30960*
NAS 1 15 84908	p 339	N83-22203*	NAS 1 26 166084	p 606	N83-30407*	NAS 1 26 168202	p 645	N83-30959*
NAS 1 15 84913	p 526	N83-27978*	NAS 1 26 166088	p 549	N83-29272*	NAS 1 26 168213	p 668	N83-32782*
NAS 1 15 85007	p 479	N83-27537*	NAS 1 26 166089	p 381	N83-24488*	NAS 1 26 168241	p 747	N83-34844*
NAS 1 15 85020	p 409	N83-23670*	NAS 1 26 166092	p 423	N83-25658*	NAS 1 26 168712	p 605	N83-30402*
NAS 1 15 85163	p 176	N83-13059*	NAS 1 26 166093	p 423	N83-25659*	NAS 1 26 168934	p 211	N83-12237*
NAS 1 15 85199	p 234	N83-16814*	NAS 1 26 166097	p 412	N83-25498*	NAS 1 26 169385	p 211	N83-12246*
NAS 1 15 85220	p 248	N83-18697*	NAS 1 26 166099	p 408	N83-24876*	NAS 1 26 169386	p 224	N83-12024*
NAS 1 15 85255	p 610	N83-30412	NAS 1 26 166104	p 546	N83-27998*	NAS 1 26 169388	p 211	N83-12248*
NAS 1 15 85325	p 401	N83-23326*	NAS 1 26 166117	p 412	N83-25496*	NAS 1 26 169395	p 60	N83-10214*
NAS 1 15 85404	p 765	N83-35318*	NAS 1 26 166118	p 397	N83-24512*	NAS 1 26 169441	p 72	N83-10803*
NAS 1 15 85428	p 748	N83-36031*	NAS 1 26 166121	p 547	N83-29271*	NAS 1 26 169448	p 66	N83-10323*
NAS 1 15 85633	p 314	N83-20916*	NAS 1 26 166122	p 705	N83-34591*	NAS 1 26 169455	p 15	N83-10023*
NAS 1 15 85634	p 315	N83-20917*	NAS 1 26 166155	p 178	N83-13065*	NAS 1 26 169464	p 13	N83-11086*
NAS 1 15 85636	p 571	N83-28984*	NAS 1 26 166274	p 206	N83-18331*	NAS 1 26 169475	p 200	N83-12088*
NAS 1 15 85637	p 573	N83-29170*	NAS 1 26 166281	p 26	N83-10029*	NAS 1 26 169477	p 179	N83-12046*
NAS 1 15 85641	p 426	N83-26815*	NAS 1 26 166282	p 334	N83-20841*	NAS 1 26 169521	p 221	N83-13835*
NAS 1 15 85642	p 444	N83-25707*	NAS 1 26 166374	p 26	N83-10027*	NAS 1 26 169533	p 223	N83-13936*
NAS 1 15 85650	p 706	N83-33682*	NAS 1 26 166382	p 170	N83-15315*	NAS 1 26 169534	p 190	N83-15043*
NAS 1 15 85652	p 666	N83-33848*	NAS 1 26 166404	p 266	N83-19740*	NAS 1 26 169537	p 225	N83-14022*
NAS 1 15 85654	p 527	N83-27979*	NAS 1 26 166406	p 47	N83-10047*	NAS 1 26 169559	p 181	N83-13076*
NAS 1 15 85661	p 527	N83-27860*	NAS 1 26 166411	p 217	N83-17553*	NAS 1 26 169691	p 147	N83-15276*
NAS 1 15 85664	p 648	N83-32095*	NAS 1 26 166412	p 27	N83-11101*	NAS 1 26 169705	p 147	N83-15275*
NAS 1 15 85669	p 564	N83-29733*	NAS 1 26 166424	p 27	N83-11102*	NAS 1 26 169722	p 137	N83-15284*
NAS 1 15 85692	p 702	N83-34226*	NAS 1 26 166425	p 16	N83-11097*	NAS 1 26 169736	p 148	N83-15277*
NAS 1 21 460	p 733	N83-36022*	NAS 1 26 166426	p 266	N83-18718*	NAS 1 26 169737	p 238	N83-17237*
NAS 1 21 470	p 331	N83-20931*	NAS 1 26 166427	p 157	N83-15283*	NAS 1 26 169742	p 238	N83-17238*
NAS 1 21 7037(160)	p 708	N83-33792*	NAS 1 26 166432	p 608	N83-31597*	NAS 1 26 169749	p 166	N83-15309*
NAS 1 26 167901	p 373	N83-24466*	NAS 1 26 166449	p 345	N83-22214*	NAS 1 26 169751	p 190	N83-16284*
NAS 1 26 152344	p 708	N83-33800*	NAS 1 26 166453	p 296	N83-18851*	NAS 1 26 169755	p 226	N83-16543*
NAS 1 26 152362	p 204	N83-12099*	NAS 1 26 166454	p 440	N83-25695*	NAS 1 26 169757	p 225	N83-16417*
NAS 1 26 156887	p 192	N83-12072*	NAS 1 26 166455	p 359	N83-21210*	NAS 1 26 169758	p 205	N83-16329*
NAS 1 26 157823	p 362	N83-22689*	NAS 1 26 166456	p 310	N83-19652*	NAS 1 26 169828	p 236	N83-18072*
NAS 1 26 159058	p 61	N83-11248*	NAS 1 26 166457	p 266	N83-18717*	NAS 1 26 169830	p 210	N83-17534*
NAS 1 26 159252	p 225	N83-16397*	NAS 1 26 166459	p 411	N83-24194*	NAS 1 26 169859	p 217	N83-17556*
NAS 1 26 159258	p 216	N83-17551*	NAS 1 26 166467	p 249	N83-18702*	NAS 1 26 169875	p 226	N83-17597*
NAS 1 26 159288	p 205	N83-16330*	NAS 1 26 166469-VOL-1	p 358	N83-21209*	NAS 1 26 169892	p 305	N83-19487*
NAS 1 26 159356	p 61	N83-11331*	NAS 1 26 166471-VOL-1	p 426	N83-26818*	NAS 1 26 169927	p 187	N83-17454*
NAS 1 26 159379	p 32	N83-11117*	NAS 1 26 166471-VOL-2	p 368	N83-23240*	NAS 1 26 169940	p 244	N83-18663*
NAS 1 26 159380	p 191	N83-16288*	NAS 1 26 166471-VOL-2	p 369	N83-23241*	NAS 1 26 169944	p 244	N83-18662*
NAS 1 26 159859	p 191	N83-16289*	NAS 1 26 166471-VOL-3	p 344	N83-22207*	NAS 1 26 169977	p 266	N83-18716*
NAS 1 26 163100	p 201	N83-12094*	NAS 1 26 166471-VOL-4	p 344	N83-22208*	NAS 1 26 169984	p 309	N83-19576*
NAS 1 26 163109	p 170	N83-15318*	NAS 1 26 166471-VOL-5	p 344	N83-22210*	NAS 1 26 169989	p 244	N83-18672*
NAS 1 26 163116	p 214	N83-17546*	NAS 1 26 166477	p 344	N83-22211*	NAS 1 26 169997	p 246	N83-18709*
NAS 1 26 163117	p 204	N83-13110*	NAS 1 26 166480	p 376	N83-23275*	NAS 1 26 170013	p 268	N83-19756*
NAS 1 26 163120	p 205	N83-13113*	NAS 1 26 166483	p 467	N83-26849*	NAS 1 26 170083	p 368	N83-22025*
NAS 1 26 165141	p 170	N83-15316*	NAS 1 26 166485	p 483	N83-27845*	NAS 1 26 170089	p 339	N83-22204*
NAS 1 26 165148	p 178	N83-15412*	NAS 1 26 166486	p 427	N83-26820*	NAS 1 26 170099	p 342	N83-20951*
NAS 1 26 165202	p 212	N83-16341*	NAS 1 26 166497	p 510	N83-29188*	NAS 1 26 170100	p 338	N83-20945*
NAS 1 26 165256	p 165	N83-15304*	NAS 1 26 166503	p 583	N83-31578*	NAS 1 26 170118	p 342	N83-20952*
NAS 1 26 165265	p 629	N83-30435*	NAS 1 26 166511	p 612	N83-31602*	NAS 1 26 170194	p 336	N83-22197*
NAS 1 26 165296	p 44	N83-11127*	NAS 1 26 166517	p 589	N83-31588*	NAS 1 26 170207	p 344	N83-22206*
NAS 1 26 165354	p 201	N83-12089*	NAS 1 26 166553	p 593	N83-31590*	NAS 1 26 170229	p 411	N83-24184*
NAS 1 26 165376	p 616	N83-30427*	NAS 1 26 166770	p 181	N83-13075*	NAS 1 26 170233	p 393	N83-23305*
NAS 1 26 165399	p 617	N83-30430*	NAS 1 26 167851-VOL-1	p 212	N83-13174*	NAS 1 26 170245	p 388	N83-23294*
NAS 1 26 165400	p 214	N83-17545*	NAS 1 26 167874	p 166	N83-15308*	NAS 1 26 170280	p 404	N83-24711*
NAS 1 26 165494	p 616	N83-30429*	NAS 1 26 167875	p 214	N83-17542*	NAS 1 26 170281	p 397	N83-24515*
NAS 1 26 165518	p 771	N83-37028*	NAS 1 26 167891	p 188	N83-15627*	NAS 1 26 170317	p 391	N83-24504*
NAS 1 26 165523	p 202	N83-13104*	NAS 1 26 167893	p 686	N83-33894*	NAS 1 26 170340	p 408	N83-24796*
NAS 1 26 165551	p 684	N83-32804*	NAS 1 26 167906	p 359	N83-21314*	NAS 1 26 170392-VOL-1	p 154	N83-14107*
NAS 1 26 165582	p 16	N83-11095*	NAS 1 26 167913	p 202	N83-13103*	NAS 1 26 170392-VOL-2	p 154	N83-14108*
NAS 1 26 165612	p 202	N83-13100*	NAS 1 26 167943	p 283	N83-19753*	NAS 1 26 170392-VOL-3	p 154	N83-14109*
NAS 1 26 165618	p 214	N83-17539*	NAS 1 26 167954	p 74	N83-10970*	NAS 1 26 170392-VOL-4	p 154	N83-14110*
NAS 1 26 165630	p 212	N83-16342*	NAS 1 26 167960	p 183	N83-14128*	NAS 1 26 170392-VOL-5	p 154	N83-14111*
NAS 1 26 165634	p 42	N83-10044*	NAS 1 26 167962	p 138	N83-15265*	NAS 1 26 170395	p 137	N83-15263*
NAS 1 26 165635	p 605	N83-30401*	NAS 1 26 167966	p 165	N83-15305*	NAS 1 26 170397	p 288	N83-18744*
NAS 1 26 165659	p 605	N83-30404*	NAS 1 26 167981	p 536	N83-27993*	NAS 1 26 170398	p 333	N83-22193*
NAS 1 26 165664	p 606	N83-30406*	NAS 1 26 167985	p 214	N83-17543*	NAS 1 26 170399	p 333	N83-22194*
NAS 1 26 165704	p 581	N83-30387*	NAS 1 26 167989	p 214	N83-17544*	NAS 1 26 170402	p 397	N83-23318*
NAS 1 26 165718	p 606	N83-30405*	NAS 1 26 168008	p 60	N83-10207*	NAS 1 26 170403	p 344	N83-22212*
NAS 1 26 165748	p 530	N83-27989*	NAS 1 26 168019	p 338	N83-20948*	NAS 1 26 170404	p 397	N83-24513*
NAS 1 26 165767	p 635	N83-30522*	NAS 1 26 168029	p 270	N83-18720*	NAS 1 26 170406	p 442	N83-26829*
NAS 1 26 165770	p 616	N83-30428*	NAS 1 26 168045	p 339	N83-22198*	NAS 1 26 170407	p 531	N83-29204*
NAS 1 26 165805	p 666	N83-33852*	NAS 1 26 168049	p 174	N83-14139*	NAS 1 26 170666	p 183	N83-14430*
NAS 1 26 165811	p 227	N83-17600*	NAS 1 26 168050	p 228	N83-17728*	NAS 1 26 170687	p 220	N83-13706*
NAS 1 26 165887	p 198	N83-17523*	NAS 1 26 168051	p 233	N83-17880*	NAS 1 26 170763	p 395	N83-24507*
NAS 1 26 165910	p 771	N83-35943*	NAS 1 26 168056	p 506	N83-29178*	NAS 1 26 170802	p 704	N83-34514*
NAS 1 26 165923	p 249	N83-18701*	NAS 1 26 168067	p 213	N83-16343*	NAS 1 26 170845	p 632	N83-31612*
NAS 1 26 165935	p 304	N83-20445*	NAS 1 26 168067	p 238	N83-17242*	NAS 1 26 172126	p 690	N83-33966*
	p 246	N83-19714*		p 426	N83-26816*		p 637	N83-30539*
	p 9	N83-10018*		p 190	N83-16286*		p 693	N83-33955*

NAS 1 26 172133	p 491 N83-27952* #	NAS 1 60 2078	p 11 N83-11059* #	NASA-CR-157823	p 61 N83-11248* #
NAS 1 26 172151	p 562 N83-29448* #	NAS 1 60 2079	p 73 N83-11838* #	NASA-CR-159056	p 225 N83-16397* #
NAS 1 26 172153	p 572 N83-30165* #	NAS 1 60 2080	p 232 N83-16758* #	NASA-CR-159252	p 216 N83-17551* #
NAS 1 26 172171	p 705 N83-33591* #	NAS 1 60 2081	p 292 N83-18770* #	NASA-CR-159258	p 205 N83-16330* #
NAS 1 26 172184	p 678 N83-32796* #	NAS 1 60 2082	p 270 N83-18723* #	NASA-CR-159288	p 61 N83-11331* #
NAS 1 26 172186	p 666 N83-33854* #	NAS 1 60 2083	p 183 N83-14521* #	NASA-CR-159356	p 32 N83-11117* #
NAS 1 26 172188	p 686 N83-33891* #	NAS 1 60 2085	p 210 N83-17535* #	NASA-CR-159379	p 191 N83-16288* #
NAS 1 26 172190	p 679 N83-33876* #	NAS 1 60 2087	p 139 N83-14077* #	NASA-CR-159380	p 191 N83-16289* #
NAS 1 26 172657	p 440 N83-25694* #	NAS 1 60 2092	p 209 N83-16338* #	NASA-CR-159859	p 201 N83-12094* #
NAS 1 26 172658	p 440 N83-25692* #	NAS 1 60 2101	p 234 N83-16951* #	NASA-CR-163100	p 170 N83-15318* #
NAS 1 26 172659	p 440 N83-25693* #	NAS 1 60 2106	p 266 N83-18715* #	NASA-CR-163109	p 214 N83-17546* #
NAS 1 26 172780	p 607 N83-31595* #	NAS 1 60 2109	p 260 N83-18704* #	NASA-CR-163116	p 204 N83-13110* #
NAS 1 26 172827	p 637 N83-30548* #	NAS 1 60 2110	p 225 N83-16492* #	NASA-CR-163117	p 205 N83-13113* #
NAS 1 26 172833	p 583 N83-31576* #	NAS 1 60 2112	p 215 N83-17547* #	NASA-CR-163120	p 170 N83-15316* #
NAS 1 26 172852	p 754 N83-36041* #	NAS 1 60 2116	p 424 N83-25666* #	NASA-CR-165141	p 178 N83-15412* #
NAS 1 26 172859	p 691 N83-33911* #	NAS 1 60 2118	p 265 N83-18714* #	NASA-CR-165148	p 212 N83-16341* #
NAS 1 26 172904	p 569 N83-30060* #	NAS 1 60 2120	p 427 N83-26821* #	NASA-CR-165202	p 165 N83-15304* #
NAS 1 26 172910	p 605 N83-30403* #	NAS 1 60 2121	p 707 N83-34713* #	NASA-CR-165256	p 629 N83-30435* #
NAS 1 26 172996	p 698 N83-33014* #	NAS 1 60 2125	p 316 N83-22162* #	NASA-CR-165265	p 44 N83-11127* #
NAS 1 26 173013	p 705 N83-34656* #	NAS 1 60 2126	p 288 N83-19758* #	NASA-CR-165296	p 201 N83-12089* #
NAS 1 26 173047	p 665 N83-33843* #	NAS 1 60 2127	p 561 N83-28378* #	NASA-CR-165354	p 616 N83-30427* #
NAS 1 26 173063	p 679 N83-33875* #	NAS 1 60 2133	p 316 N83-22161* #	NASA-CR-165376	p 617 N83-30430* #
NAS 1 26 174458	p 766 N83-36509* #	NAS 1 60 2135	p 333 N83-22191* #	NASA-CR-165399	p 214 N83-17545* #
NAS 1 26 3246	p 315 N83-20918* #	NAS 1 60 2136	p 333 N83-22192* #	NASA-CR-165400	p 616 N83-30429* #
NAS 1 26 3247	p 180 N83-13070* #	NAS 1 60 2142	p 458 N83-25712* #	NASA-CR-165494	p 771 N83-37028* #
NAS 1 26 3295	p 442 N83-26831* #	NAS 1 60 2143	p 608 N83-31596* #	NASA-CR-165518	p 202 N83-13104* #
NAS 1 26 3439	p 190 N83-16287* #	NAS 1 60 2151	p 316 N83-22166* #	NASA-CR-165523	p 684 N83-32804* #
NAS 1 26 3458	p 581 N83-30385* #	NAS 1 60 2156	p 395 N83-24509* #	NASA-CR-165525	p 16 N83-11095* #
NAS 1 26 3538	p 222 N83-12968* #	NAS 1 60 2158	p 377 N83-24478* #	NASA-CR-165581	p 202 N83-13100* #
NAS 1 26 3566	p 189 N83-14929* #	NAS 1 60 2159	p 582 N83-30391* #	NASA-CR-165582	p 214 N83-17539* #
NAS 1 26 3567	p 316 N83-22165* #	NAS 1 60 2167	p 583 N83-31577* #	NASA-CR-165612	p 212 N83-16342* #
NAS 1 26 3576	p 249 N83-18699* #	NAS 1 60 2171	p 459 N83-26839* #	NASA-CR-165618	p 42 N83-10044* #
NAS 1 26 3582	p 154 N83-14105* #	NAS 1 60 2176	p 718 N83-36000* #	NASA-CR-165630	p 605 N83-30401* #
NAS 1 26 3590	p 69 N83-11661* #	NAS 1 60 2186	p 754 N83-36039* #	NASA-CR-165634	p 605 N83-30404* #
NAS 1 26 3598	p 159 N83-14123* #	NAS 1 60 2188	p 617 N83-30431* #	NASA-CR-165635	p 606 N83-30406* #
NAS 1 26 3604	p 32 N83-11113* #	NAS 1 60 2190	p 720 N83-34921* #	NASA-CR-165659	p 581 N83-30387* #
NAS 1 26 3609	p 224 N83-13937* #	NAS 1 60 2192	p 526 N83-27977* #	NASA-CR-165664	p 606 N83-30405* #
NAS 1 26 3610	p 74 N83-11839* #	NAS 1 60 2194	p 736 N83-36028* #	NASA-CR-165704	p 530 N83-27989* #
NAS 1 26 3624	p 201 N83-12093* #	NAS 1 60 2196	p 733 N83-34935* #	NASA-CR-165718	p 635 N83-30522* #
NAS 1 26 3627	p 11 N83-11062* #	NAS 1 60 2203	p 686 N83-33893* #	NASA-CR-165748	p 616 N83-30428* #
NAS 1 26 3628	p 11 N83-11061* #	NAS 1 60 2208	p 703 N83-34372* #	NASA-CR-165767	p 666 N83-33852* #
NAS 1 26 3633	p 221 N83-12959* #	NAS 1 60 2210	p 718 N83-34906* #	NASA-CR-165770	p 227 N83-17600* #
NAS 1 26 3636	p 179 N83-12049* #	NAS 1 60 2227	p 746 N83-34941* #	NASA-CR-165805	p 198 N83-17523* #
NAS 1 26 3637	p 180 N83-13073* #	NAS 1 61 1092-REV	p 638 N83-31730* #	NASA-CR-16581	p 771 N83-35943* #
NAS 1 26 3640	p 316 N83-22163* #	NAS 1 61 2181	p 706 N83-33684* #	NASA-CR-165853	p 181 N83-13075* #
NAS 1 26 3641	p 316 N83-22164* #	NAS 1 61 2184	p 665 N83-32776* #	NASA-CR-165887	p 249 N83-18701* #
NAS 1 26 3642	p 377 N83-24479* #	NAS 126 166084	p 606 N83-30407* #	NASA-CR-165910	p 304 N83-20445* #
NAS 1 26 3644	p 180 N83-13072* #	NAS 126 168124	p 478 N83-27213* #	NASA-CR-165923	p 246 N83-19714* #
NAS 1 26 3650	p 139 N83-14076* #			NASA-CR-165935	p 9 N83-10018* #
NAS 1 26 3653	p 146 N83-14098* #	NASA-CASE-ARC-10812-1	p 685 N83-33884* #	NASA-CR-165952	p 192 N83-12071* #
NAS 1 26 3655	p 427 N83-26822* #	NASA-CASE-ARC-11252-1	p 759 N83-36118* #	NASA-CR-165965	p 296 N83-18894* #
NAS 1 26 3664	p 195 N83-17515* #	NASA-CASE-ARC-11312-1	p 702 N83-34304* #	NASA-CR-165994	p 207 N83-12102* #
NAS 1 26 3665	p 238 N83-17239* #			NASA-CR-166002	p 177 N83-14169* #
NAS 1 26 3671	p 427 N83-26819* #	NASA-CASE-FRC-11043-1	p 682 N83-33882* #	NASA-CR-166010	p 140 N83-15273* #
NAS 1 26 3673	p 282 N83-18729* #	NASA-CASE-FRC-11065-1	p 266 N83-19737* #	NASA-CR-166017	p 208 N83-13122* #
NAS 1 26 3678	p 362 N83-21711* #	NASA-CASE-FRC-11072-1	p 526 N83-27975* #	NASA-CR-166021	p 190 N83-15042* #
NAS 1 26 3681	p 345 N83-22213* #			NASA-CR-166023	p 170 N83-15317* #
NAS 1 26 3684	p 424 N83-25667* #	NASA-CASE-LAR-12458-1	p 361 N83-21503* #	NASA-CR-166026	p 174 N83-14140* #
NAS 1 26 3685	p 506 N83-29175* #	NASA-CASE-LAR-12615-1	p 246 N83-19715* #	NASA-CR-166042	p 176 N83-15320* #
NAS 1 26 3688	p 389 N83-24500* #	NASA-CASE-LAR-12624-1	p 713 N83-35992* #	NASA-CR-166047	p 170 N83-15319* #
NAS 1 26 3701	p 505 N83-29174* #	NASA-CASE-LAR-12720-1	p 361 N83-21504* #	NASA-CR-166053	p 238 N83-18404* #
NAS 1 26 3709	p 547 N83-29270* #	NASA-CASE-LAR-12883-1	p 237 N83-17235* #	NASA-CR-166056	p 236 N83-18304* #
NAS 1 26 3713	p 528 N83-29198* #	NASA-CASE-LAR-12950-1	p 465 N83-25727* #	NASA-CR-166061	p 569 N83-30061* #
NAS 1 26 3714	p 665 N83-32777* #	NASA-CASE-LAR-12979-1	p 505 N83-29173* #	NASA-CR-166062	p 569 N83-30062* #
NAS 1 26 3716	p 668 N83-32783* #	NASA-CASE-LAR-13065-1	p 413 N83-25539* #	NASA-CR-166067	p 265 N83-18713* #
NAS 1 26 3733	p 768 N83-36598* #	NASA-CASE-LAR-13076-1	p 733 N83-34934* #	NASA-CR-166084	p 606 N83-30407* #
NAS 1 55 2210	p 302 N83-20119* #			NASA-CR-166088	p 549 N83-29272* #
NAS 1 55 2242	p 73 N83-10883* #	NASA-CASE-LEW-13142-1	p 748 N83-36029* #	NASA-CR-166089	p 381 N83-24488* #
NAS 1 55 2250	p 186 N83-15629* #	NASA-CASE-LEW-13343	p 638 N83-31795* #	NASA-CR-166092	p 423 N83-25658* #
NAS 1 55 2251	p 210 N83-12147* #	NASA-CASE-LEW-13524-1	p 645 N83-30957* #	NASA-CR-166093	p 423 N83-25659* #
NAS 1 55 2262	p 290 N83-18748* #	NASA-CASE-LEW-13639-2	p 227 N83-17683* #	NASA-CR-166097	p 412 N83-25498* #
NAS 1 55 2264	p 359 N83-21391* #	NASA-CASE-LEW-13654-1	p 164 N83-14129* #	NASA-CR-166099	p 408 N83-24876* #
NAS 1 55 2267	p 352 N83-22442* #	NASA-CASE-LEW-13773-1	p 528 N83-29197* #	NASA-CR-166104	p 546 N83-27998* #
NAS 1 55 2268	p 537 N83-29208* #	NASA-CASE-LEW-14586-1	p 617 N83-31603* #	NASA-CR-166117	p 412 N83-25496* #
NAS 1 55 2270	p 410 N83-25265* #			NASA-CR-166118	p 397 N83-24512* #
NAS 1 55 2274	p 658 N83-33827* #	NASA-CASE-MFS-25842-1	p 477 N83-26080* #	NASA-CR-166121	p 547 N83-29271* #
NAS 1 55 2277	p 688 N83-33896* #			NASA-CR-166122	p 705 N83-34591* #
NAS 1 55 2278	p 693 N83-33957* #	NASA-CASE-NPO-14597-2	p 563 N83-29708* #	NASA-CR-166155	p 176 N83-13065* #
NAS 1 60 1674	p 552 N83-28098* #	NASA-CASE-NPO-15351-1	p 38 N83-10040* #	NASA-CR-166155	p 206 N83-16331* #
NAS 1 60 1786	p 191 N83-16290* #			NASA-CR-166274	p 26 N83-10029* #
NAS 1 60 1805	p 582 N83-30390* #	NASA-CP-2210	p 302 N83-20119* #	NASA-CR-166281	p 334 N83-20941* #
NAS 1 60 1864	p 582 N83-30389* #	NASA-CP-2242	p 73 N83-10883* #	NASA-CR-166282	p 26 N83-10027* #
NAS 1 60 1865	p 581 N83-30386* #	NASA-CP-2250	p 186 N83-15629* #	NASA-CR-166374	p 170 N83-15315* #
NAS 1 60 1972	p 221 N83-17560* #	NASA-CP-2251	p 210 N83-12147* #	NASA-CR-166382	p 266 N83-19740* #
NAS 1 60 2017	p 424 N83-25665* #	NASA-CP-2262	p 290 N83-18748* #	NASA-CR-166404	p 47 N83-10047* #
NAS 1 60 2023	p 43 N83-11125* #	NASA-CP-2264	p 359 N83-21391* #	NASA-CR-166406	p 217 N83-17553* #
NAS 1 60 2033	p 216 N83-16350* #	NASA-CP-2267	p 352 N83-22442* #	NASA-CR-166411	p 27 N83-11101* #
NAS 1 60 2034	p 10 N83-11058* #	NASA-CP-2268	p 537 N83-29208* #	NASA-CR-166412	p 27 N83-11102* #
NAS 1 60 2035	p 515 N83-29193* #	NASA-CP-2270	p 410 N83-25265* #	NASA-CR-166418	p 16 N83-11097* #
NAS 1 60 2056	p 61 N83-11340* #	NASA-CP-2274	p 658 N83-33827* #	NASA-CR-166424	p 266 N83-18718* #
NAS 1 60 2057	p 42 N83-10045* #	NASA-CP-2277	p 688 N83-33896* #	NASA-CR-166425	p 157 N83-15283* #
NAS 1 60 2063	p 226 N83-16528* #	NASA-CP-2278	p 693 N83-33957* #	NASA-CR-166426	p 608 N83-31597* #
NAS 1 60 2067	p 52 N83-11139* #			NASA-CR-166427	p 345 N83-22214* #
NAS 1 60 2068	p 9 N83-10016* #	NASA-CR-152344	p 204 N83-12099* #	NASA-CR-166432	p 296 N83-18851* #
NAS 1 60 2070	p 67 N83-10442* #	NASA-CR-152362	p 192 N83-12072* #	NASA-CR-166448	p 440 N83-25695* #
NAS 1 60 2074	p 68 N83-11513* #	NASA-CR-156887	p 362 N83-22689* #	NASA-CR-166449	p 359 N83-21210* #

## REPORT NUMBER INDEX

## NASA-TM-82950

NASA-CR-166453	p 310	N83-19652* #	NASA-CR-169828	p 236	N83-18307* #	NASA-CR-3644	p 180	N83-13072* #
NASA-CR-166454	p 266	N83-18717* #	NASA-CR-169830	p 210	N83-17534* #	NASA-CR-3650	p 139	N83-14076* #
NASA-CR-166456	p 411	N83-24194* #	NASA-CR-169858	p 217	N83-17556* #	NASA-CR-3653	p 146	N83-14098* #
NASA-CR-166457	p 249	N83-18702* #	NASA-CR-169859	p 226	N83-17597* #	NASA-CR-3655	p 427	N83-26822* #
NASA-CR-166459	p 358	N83-21209* #	NASA-CR-169869	p 305	N83-19487* #	NASA-CR-3664	p 195	N83-17515* #
NASA-CR-166467	p 426	N83-26818* #	NASA-CR-169875	p 187	N83-17454* #	NASA-CR-3665	p 238	N83-17239* #
NASA-CR-166469-VOL 1	p 368	N83-23240* #	NASA-CR-169926	p 244	N83-18663* #	NASA-CR-3671	p 427	N83-26819* #
NASA-CR-166470-VOL-2	p 369	N83-23241* #	NASA-CR-169927	p 244	N83-18662* #	NASA-CR-3673	p 282	N83-18729* #
NASA-CR-166471-VOL-1	p 344	N83-22207* #	NASA-CR-169940	p 266	N83-18716* #	NASA-CR-3678	p 362	N83-21711* #
NASA-CR-166471-VOL-2	p 344	N83-22208* #	NASA-CR-169977	p 309	N83-19576* #	NASA-CR-3681	p 345	N83-22213* #
NASA-CR-166471-VOL-4	p 344	N83-22210* #	NASA-CR-169984	p 244	N83-18672* #	NASA-CR-3684	p 424	N83-25667* #
NASA-CR-166471-VOL-5	p 344	N83-22211* #	NASA-CR-169997	p 246	N83-19709* #	NASA-CR-3685	p 506	N83-29175* #
NASA-CR-166477	p 376	N83-23275* #	NASA-CR-170013	p 288	N83-19756* #	NASA-CR-3688	p 389	N83-24500* #
NASA-CR-166480	p 467	N83-26849* #	NASA-CR-170083	p 368	N83-22025* #	NASA-CR-3701	p 505	N83-29174* #
NASA-CR-166483	p 483	N83-27845* #	NASA-CR-170089	p 339	N83-22204* #	NASA-CR-3709	p 547	N83-29270* #
NASA-CR-166485	p 427	N83-26820* #	NASA-CR-170099	p 342	N83-20951* #	NASA-CR-3713	p 528	N83-29198* #
NASA-CR-166488	p 510	N83-29186* #	NASA-CR-170100	p 338	N83-20945* #	NASA-CR-3714	p 665	N83-32777* #
NASA-CR-166497	p 583	N83-31578* #	NASA-CR-170118	p 342	N83-20952* #	NASA-CR-3716	p 668	N83-32783* #
NASA-CR-166503	p 612	N83-31602* #	NASA-CR-170194	p 336	N83-22197* #	NASA-CR-3733	p 768	N83-36598* #
NASA-CR-166511	p 589	N83-31586* #	NASA-CR-170207	p 344	N83-22206* #			
NASA-CR-166517	p 593	N83-31590* #	NASA-CR-170229	p 411	N83-24184* #	NASA-NEWS-RELEASE-83-132	p 708	N83-34882* #
NASA-CR-167770	p 212	N83-13174* #	NASA-CR-170233	p 393	N83-23305* #			
NASA-CR-167851-VOL-1	p 166	N83-15308* #	NASA-CR-170245	p 388	N83-23294* #	NASA-RP-1092-REV	p 638	N83-31730* #
NASA-CR-167874	p 214	N83-17542* #	NASA-CR-170280	p 404	N83-24711* #			
NASA-CR-167875	p 186	N83-15627* #	NASA-CR-170281	p 397	N83-24515* #	NASA-SP-460	p 331	N83-20931* #
NASA-CR-167891	p 686	N83-33894* #	NASA-CR-170317	p 391	N83-24504* #	NASA-SP-470	p 708	N83-33792* #
NASA-CR-167893	p 359	N83-21314* #	NASA-CR-170340	p 408	N83-24796* #	NASA-SP-7037(160)	p 373	N83-24466* #
NASA-CR-167901	p 708	N83-33800* #	NASA-CR-170392-VOL-1	p 154	N83-14107* #			
NASA-CR-167906	p 202	N83-13103* #	NASA-CR-170392-VOL-2	p 154	N83-14108* #	NASA-TM-X-1831	p 13	N83-11084* #
NASA-CR-167913	p 283	N83-19753* #	NASA-CR-170392-VOL-3	p 154	N83-14109* #	NASA-TM-X-2284	p 52	N83-11141* #
NASA-CR-167943	p 74	N83-10970* #	NASA-CR-170392-VOL-4	p 154	N83-14110* #	NASA-TM-X-2454	p 4	N83-11020* #
NASA-CR-167954	p 163	N83-14128* #	NASA-CR-170392-VOL-5	p 154	N83-14111* #	NASA-TM-X-2471	p 4	N83-11019* #
NASA-CR-167960	p 138	N83-15265* #	NASA-CR-170394	p 137	N83-15263* #	NASA-TM-X-2551	p 12	N83-11074* #
NASA-CR-167962	p 165	N83-15305* #	NASA-CR-170395	p 288	N83-18744* #	NASA-TM-X-2571	p 6	N83-11034* #
NASA-CR-167984	p 536	N83-27993* #	NASA-CR-170397	p 333	N83-22193* #	NASA-TM-X-2582	p 5	N83-11030* #
NASA-CR-167965	p 214	N83-17543* #	NASA-CR-170397	p 333	N83-22194* #	NASA-TM-X-2618	p 5	N83-11029* #
NASA-CR-167966	p 214	N83-17544* #	NASA-CR-170398	p 397	N83-23318* #	NASA-TM-X-2759	p 5	N83-11028* #
NASA-CR-167981	p 60	N83-10207* #	NASA-CR-170399	p 344	N83-22212* #	NASA-TM-X-2760	p 5	N83-11027* #
NASA-CR-167992	p 338	N83-20946* #	NASA-CR-170402	p 397	N83-24513* #	NASA-TM-X-2794	p 6	N83-11033* #
NASA-CR-168008	p 270	N83-18720* #	NASA-CR-170403	p 442	N83-26829* #	NASA-TM-X-2808	p 6	N83-11032* #
NASA-CR-168016	p 339	N83-22198* #	NASA-CR-170404	p 531	N83-29204* #	NASA-TM-X-2900	p 4	N83-11023* #
NASA-CR-168019	p 174	N83-14139* #	NASA-CR-170666	p 183	N83-14430* #	NASA-TM-X-2929	p 4	N83-11024* #
NASA-CR-168027	p 228	N83-17728* #	NASA-CR-170667	p 220	N83-13706* #	NASA-TM-X-2954	p 4	N83-11025* #
NASA-CR-168029	p 233	N83-17880* #	NASA-CR-170763	p 395	N83-24507* #	NASA-TM-X-2977	p 5	N83-11026* #
NASA-CR-168045	p 506	N83-29178* #	NASA-CR-170802	p 704	N83-34514* #	NASA-TM-X-2978	p 5	N83-11031* #
NASA-CR-168049	p 213	N83-16343* #	NASA-CR-170845	p 632	N83-31612* #	NASA-TM-X-3027	p 4	N83-11021* #
NASA-CR-168050	p 238	N83-17242* #	NASA-CR-170849	p 690	N83-33906* #	NASA-TM-X-3036	p 4	N83-11022* #
NASA-CR-168051	p 426	N83-26816* #	NASA-CR-172123	p 637	N83-30539* #	NASA-TM-X-3082	p 12	N83-11076* #
NASA-CR-168067	p 190	N83-16286* #	NASA-CR-172126	p 693	N83-33955* #	NASA-TM-X-3095	p 32	N83-11116* #
NASA-CR-168097	p 380	N83-23281* #	NASA-CR-172133	p 491	N83-27952* #	NASA-TM-X-3149	p 32	N83-11115* #
NASA-CR-168106	p 409	N83-24048* #	NASA-CR-172151	p 562	N83-29448* #	NASA-TM-X-3203	p 13	N83-11083* #
NASA-CR-168108	p 362	N83-22740* #	NASA-CR-172153	p 572	N83-30165* #	NASA-TM-X-3211	p 13	N83-11081* #
NASA-CR-168109	p 361	N83-21509* #	NASA-CR-172171	p 705	N83-33591* #	NASA-TM-X-3231	p 12	N83-11073* #
NASA-CR-168110	p 362	N83-22747* #	NASA-CR-172184	p 678	N83-32796* #	NASA-TM-X-3251	p 13	N83-11082* #
NASA-CR-168120	p 332	N83-22188* #	NASA-CR-172186	p 666	N83-33854* #	NASA-TM-X-3355	p 4	N83-11018* #
NASA-CR-168124	p 478	N83-27213* #	NASA-CR-172188	p 686	N83-33891* #	NASA-TM-X-71996	p 11	N83-11070* #
NASA-CR-168138	p 404	N83-23464* #	NASA-CR-172190	p 679	N83-33876* #	NASA-TM-X-72007	p 12	N83-11078* #
NASA-CR-168140	p 637	N83-30662* #	NASA-CR-172657	p 440	N83-25694* #	NASA-TM-X-72684	p 13	N83-11085* #
NASA-CR-168161	p 537	N83-27996* #	NASA-CR-172658	p 440	N83-25692* #	NASA-TM-X-72701	p 11	N83-11069* #
NASA-CR-168163	p 539	N83-29234* #	NASA-CR-172659	p 440	N83-25693* #	NASA-TM-X-72711	p 12	N83-11075* #
NASA-CR-168166	p 377	N83-24474* #	NASA-CR-172760	p 607	N83-31595* #	NASA-TM-X-72712	p 12	N83-11077* #
NASA-CR-168167	p 317	N83-30432* #	NASA-CR-172827	p 637	N83-30548* #	NASA-TM-X-73948	p 12	N83-11079* #
NASA-CR-168180	p 637	N83-30551* #	NASA-CR-172833	p 583	N83-31576* #	NASA-TM-X-74041	p 13	N83-11080* #
NASA-CR-168190	p 699	N83-33182* #	NASA-CR-172852	p 754	N83-36041* #			
NASA-CR-168197	p 645	N83-30960* #	NASA-CR-172859	p 691	N83-33911* #	NASA-TM-76715	p 191	N83-16291* #
NASA-CR-168202	p 645	N83-30959* #	NASA-CR-172904	p 569	N83-30060* #	NASA-TM-76931	p 400	N83-23324* #
NASA-CR-168213	p 668	N83-32782* #	NASA-CR-172910	p 605	N83-30403* #	NASA-TM-76970	p 205	N83-16328* #
NASA-CR-168241	p 747	N83-34944* #	NASA-CR-172996	p 698	N83-33014* #	NASA-TM-76971	p 690	N83-33908* #
NASA-CR-168712	p 605	N83-30402* #	NASA-CR-173013	p 705	N83-34656* #	NASA-TM-77005	p 293	N83-18771* #
NASA-CR-169384	p 211	N83-12237* #	NASA-CR-173047	p 665	N83-33843* #	NASA-TM-77006	p 631	N83-30439* #
NASA-CR-169385	p 211	N83-12246* #	NASA-CR-173063	p 679	N83-33875* #	NASA-TM-77013	p 314	N83-20915* #
NASA-CR-169386	p 224	N83-13024* #	NASA-CR-174458	p 766	N83-36509* #	NASA-TM-77024	p 684	N83-32805* #
NASA-CR-169388	p 211	N83-12248* #	NASA-CR-3246	p 315	N83-20918* #	NASA-TM-77042	p 388	N83-23295* #
NASA-CR-169395	p 60	N83-10214* #	NASA-CR-3247	p 180	N83-13070* #	NASA-TM-77050	p 401	N83-23288* #
NASA-CR-169441	p 72	N83-10803* #	NASA-CR-3295	p 442	N83-26831* #	NASA-TM-77053	p 393	N83-23310* #
NASA-CR-169448	p 66	N83-10323* #	NASA-CR-3439	p 190	N83-16287* #	NASA-TM-77069	p 631	N83-30438* #
NASA-CR-169455	p 15	N83-10023* #	NASA-CR-3458	p 581	N83-30385* #	NASA-TM-77073	p 691	N83-33909* #
NASA-CR-169464	p 13	N83-11086* #	NASA-CR-3538	p 222	N83-12968* #	NASA-TM-77077	p 582	N83-30394* #
NASA-CR-169475	p 200	N83-12088* #	NASA-CR-3566	p 189	N83-14929* #	NASA-TM-77081	p 684	N83-32809* #
NASA-CR-169477	p 179	N83-12046* #	NASA-CR-3567	p 316	N83-22165* #	NASA-TM-77083	p 584	N83-31579* #
NASA-CR-169521	p 221	N83-13835* #	NASA-CR-3576	p 249	N83-18699* #	NASA-TM-77087	p 686	N83-33892* #
NASA-CR-169533	p 223	N83-13936* #	NASA-CR-3582	p 154	N83-14105* #	NASA-TM-78731	p 11	N83-11071* #
NASA-CR-169534	p 190	N83-15043* #	NASA-CR-3590	p 69	N83-11661* #	NASA-TM-78733	p 12	N83-11072* #
NASA-CR-169537	p 225	N83-14022* #	NASA-CR-3598	p 159	N83-14123* #	NASA-TM-81336-SUPPL	p 666	N83-33846* #
NASA-CR-169559	p 181	N83-13076* #	NASA-CR-3604	p 32	N83-11113* #	NASA-TM-81372	p 205	N83-13115* #
NASA-CR-169691	p 147	N83-15276* #	NASA-CR-3609	p 224	N83-13937* #	NASA-TM-81790	p 53	N83-11142* #
NASA-CR-169692	p 147	N83-15275* #	NASA-CR-3610	p 74	N83-11839* #	NASA-TM-81857	p 32	N83-11114* #
NASA-CR-169705	p 137	N83-15264* #	NASA-CR-3624	p 201	N83-12093* #	NASA-TM-81912	p 317	N83-22167* #
NASA-CR-169722	p 148	N83-15277* #	NASA-CR-3627	p 11	N83-11062* #	NASA-TM-81933	p 582	N83-30388* #
NASA-CR-169736	p 238	N83-17237* #	NASA-CR-3628	p 11	N83-11061* #	NASA-TM-82522	p 410	N83-25268* #
NASA-CR-169737	p 238	N83-17238* #	NASA-CR-3633	p 221	N83-12959* #	NASA-TM-82528	p 470	N83-25854* #
NASA-CR-169742	p 166	N83-15309* #	NASA-CR-3636	p 179	N83-12049* #	NASA-TM-82890	p 201	N83-12092* #
NASA-CR-169749	p 190	N83-16284* #	NASA-CR-3637	p 180	N83-13073* #	NASA-TM-82932	p 200	N83-12087* #
NASA-CR-169750	p 226	N83-16543* #	NASA-CR-3640	p 316	N83-22163* #	NASA-TM-82939	p 9	N83-10019* #
NASA-CR-169751	p 225	N83-16417* #	NASA-CR-3641	p 316	N83-22164* #	NASA-TM-82949	p 201	N83-12090* #
NASA-CR-169755	p 205	N83-16329* #	NASA-CR-3642	p 377	N83-24479* #	NASA-TM-82950	p 74	N83-11840* #

## NASA-TM-82953

## REPORT NUMBER INDEX

NASA-TM-82953	p 183	N83-14523* #	NASA-TM-84294	p 205	N83-13114* #	NASA-TM-85661	p 648	N83-32095* #
NASA-TM-82956	p 218	N83-12433* #	NASA-TM-84295	p 52	N83-11140* #	NASA-TM-85664	p 564	N83-29733* #
NASA-TM-82963	p 194	N83-17509* #	NASA-TM-84296	p 396	N83-23316* #	NASA-TM-85669	p 702	N83-34226* #
NASA-TM-82964	p 166	N83-15306* #	NASA-TM-84298	p 265	N83-18712* #	NASA-TM-85692	p 733	N83-36022* #
NASA-TM-82975	p 68	N83-11514* #	NASA-TM-84300	p 217	N83-12393* #			
NASA-TM-82976	p 67	N83-10425* #	NASA-TM-84303	p 187	N83-17451* #	NASA-TP-1674	p 552	N83-28098* #
NASA-TM-82978	p 163	N83-14126* #	NASA-TM-84305	p 478	N83-27148* #	NASA-TP-1786	p 191	N83-16290* #
NASA-TM-82979	p 44	N83-11128* #	NASA-TM-84309	p 377	N83-24473* #	NASA-TP-1805	p 582	N83-30390* #
NASA-TM-82983	p 44	N83-11129* #	NASA-TM-84311	p 288	N83-18745* #	NASA-TP-1864	p 582	N83-30389* #
NASA-TM-82986	p 69	N83-10559* #	NASA-TM-84312	p 192	N83-16273* #	NASA-TP-1865	p 581	N83-30386* #
NASA-TM-82988	p 44	N83-11130* #	NASA-TM-84315	p 311	N83-22091* #	NASA-TP-1972	p 221	N83-17560* #
NASA-TM-82994	p 73	N83-10885* #	NASA-TM-84316	p 266	N83-19739* #	NASA-TP-2017	p 424	N83-25665* #
NASA-TM-83002	p 224	N83-13939* #	NASA-TM-84323	p 270	N83-18721* #	NASA-TP-2023	p 43	N83-11125* #
NASA-TM-83003	p 297	N83-19921* #	NASA-TM-84324	p 343	N83-22205* #	NASA-TP-2033	p 216	N83-16350* #
NASA-TM-83006	p 61	N83-11282* #	NASA-TM-84327	p 250	N83-19721* #	NASA-TP-2034	p 10	N83-11058* #
NASA-TM-83008	p 201	N83-12091* #	NASA-TM-84330	p 315	N83-22159* #	NASA-TP-2035	p 515	N83-29193* #
NASA-TM-83009	p 159	N83-15302* #	NASA-TM-84334	p 563	N83-29636* #	NASA-TP-2056	p 61	N83-11340* #
NASA-TM-83012	p 222	N83-12966* #	NASA-TM-84337	p 352	N83-22320* #	NASA-TP-2057	p 42	N83-10045* #
NASA-TM-83013	p 202	N83-13101* #	NASA-TM-84339	p 721	N83-34923* #	NASA-TP-2063	p 226	N83-16528* #
NASA-TM-83020	p 191	N83-16152* #	NASA-TM-84348	p 462	N83-26846* #	NASA-TP-2067	p 52	N83-11139* #
NASA-TM-83027	p 163	N83-14127* #	NASA-TM-84349	p 571	N83-28986* #	NASA-TP-2068	p 9	N83-10016* #
NASA-TM-83028	p 282	N83-18725* #	NASA-TM-84363	p 377	N83-24472* #	NASA-TP-2070	p 67	N83-10442* #
NASA-TM-83030	p 183	N83-14432* #	NASA-TM-84364	p 478	N83-27149* #	NASA-TP-2074	p 68	N83-11513* #
NASA-TM-83031	p 139	N83-14078* #	NASA-TM-84367	p 563	N83-29634* #	NASA-TP-2078	p 11	N83-11059* #
NASA-TM-83032	p 179	N83-15483* #	NASA-TM-84372	p 548	N83-28006* #	NASA-TP-2079	p 73	N83-11838* #
NASA-TM-83037	p 128	N83-14061* #	NASA-TM-84374	p 504	N83-27961* #	NASA-TP-2080	p 232	N83-16758* #
NASA-TM-83038	p 191	N83-15169* #	NASA-TM-84381	p 506	N83-29180* #	NASA-TP-2081	p 292	N83-18770* #
NASA-TM-83043	p 166	N83-15307* #	NASA-TM-84386	p 652	N83-32397* #	NASA-TP-2082	p 270	N83-18723* #
NASA-TM-83047	p 178	N83-15364* #	NASA-TM-84388	p 688	N83-33904* #	NASA-TP-2083	p 183	N83-14521* #
NASA-TM-83054	p 367	N83-23112* #	NASA-TM-84405	p 702	N83-34278* #	NASA-TP-2085	p 210	N83-17535* #
NASA-TM-83057	p 339	N83-22200* #	NASA-TM-84486	p 190	N83-16150* #	NASA-TP-2087	p 139	N83-14077* #
NASA-TM-83069	p 423	N83-25657* #	NASA-TM-84490	p 9	N83-10017* #	NASA-TP-2092	p 209	N83-16338* #
NASA-TM-83088	p 339	N83-22201* #	NASA-TM-84493	p 319	N83-22168* #	NASA-TP-2101	p 234	N83-16951* #
NASA-TM-83234-SUPPL	p 365	N83-23049* #	NASA-TM-84526	p 174	N83-14138* #	NASA-TP-2106	p 266	N83-18715* #
NASA-TM-83234	p 364	N83-23048* #	NASA-TM-84527	p 56	N83-10082* #	NASA-TP-2109	p 260	N83-18704* #
NASA-TM-83246	p 301	N83-19018* #	NASA-TM-84528	p 31	N83-10035* #	NASA-TP-2110	p 225	N83-16492* #
NASA-TM-83252	p 30	N83-10034* #	NASA-TM-84534	p 207	N83-17530* #	NASA-TP-2112	p 215	N83-17547* #
NASA-TM-83292	p 301	N83-19124* #	NASA-TM-84538	p 15	N83-10024* #	NASA-TP-2116	p 424	N83-25666* #
NASA-TM-83317	p 239	N83-18405* #	NASA-TM-84545	p 192	N83-12070* #	NASA-TP-2118	p 265	N83-18714* #
NASA-TM-83325	p 408	N83-24829* #	NASA-TM-84550	p 219	N83-13419* #	NASA-TP-2120	p 427	N83-26821* #
NASA-TM-83327	p 367	N83-21895* #	NASA-TM-84553	p 191	N83-16151* #	NASA-TP-2121	p 707	N83-34713* #
NASA-TM-83328	p 305	N83-19496* #	NASA-TM-84554	p 177	N83-14170* #	NASA-TP-2125	p 316	N83-22162* #
NASA-TM-83330	p 283	N83-19754* #	NASA-TM-84556	p 217	N83-12395* #	NASA-TP-2126	p 288	N83-19758* #
NASA-TM-83333	p 367	N83-23114* #	NASA-TM-84563	p 216	N83-17550* #	NASA-TP-2127	p 561	N83-28378* #
NASA-TM-83338	p 338	N83-20947* #	NASA-TM-84568	p 265	N83-18709* #	NASA-TP-2133	p 316	N83-22161* #
NASA-TM-83341	p 412	N83-24287* #	NASA-TM-84571	p 362	N83-21730* #	NASA-TP-2135	p 333	N83-22191* #
NASA-TM-83343	p 458	N83-25711* #	NASA-TM-84573	p 377	N83-24471* #	NASA-TP-2136	p 333	N83-22192* #
NASA-TM-83346	p 393	N83-23306* #	NASA-TM-84578	p 178	N83-15361* #	NASA-TP-2142	p 458	N83-25712* #
NASA-TM-83347	p 368	N83-23115* #	NASA-TM-84581	p 271	N83-19748* #	NASA-TP-2143	p 608	N83-31596* #
NASA-TM-83348	p 394	N83-24506* #	NASA-TM-84582	p 245	N83-18673* #	NASA-TP-2151	p 316	N83-22166* #
NASA-TM-83349	p 482	N83-26643* #	NASA-TM-84584	p 288	N83-19757* #	NASA-TP-2156	p 395	N83-24509* #
NASA-TM-83357	p 470	N83-25790* #	NASA-TM-84588	p 138	N83-15266* #	NASA-TP-2158	p 377	N83-24478* #
NASA-TM-83359	p 394	N83-24505* #	NASA-TM-84596	p 194	N83-17508* #	NASA-TP-2159	p 582	N83-30391* #
NASA-TM-83360	p 311	N83-22092* #	NASA-TM-84597	p 195	N83-17510* #	NASA-TP-2167	p 583	N83-31577* #
NASA-TM-83370	p 482	N83-27793* #	NASA-TM-84601	p 335	N83-22196* #	NASA-TP-2171	p 459	N83-26839* #
NASA-TM-83372	p 537	N83-27995* #	NASA-TM-84606	p 234	N83-17899* #	NASA-TP-2176	p 718	N83-36000* #
NASA-TM-83373	p 563	N83-29597* #	NASA-TM-84610	p 382	N83-24490* #	NASA-TP-2181	p 706	N83-33684* #
NASA-TM-83387	p 412	N83-25499* #	NASA-TM-84614	p 506	N83-29176* #	NASA-TP-2184	p 665	N83-32776* #
NASA-TM-83389	p 408	N83-24858* #	NASA-TM-84620	p 424	N83-25660* #	NASA-TP-2186	p 754	N83-36039* #
NASA-TM-83390	p 407	N83-24764* #	NASA-TM-84623	p 491	N83-27951* #	NASA-TP-2188	p 617	N83-30431* #
NASA-TM-83395	p 554	N83-29360* #	NASA-TM-84627	p 564	N83-29732* #	NASA-TP-2190	p 720	N83-34921* #
NASA-TM-83397	p 561	N83-28455* #	NASA-TM-84635	p 461	N83-26844* #	NASA-TP-2192	p 526	N83-27977* #
NASA-TM-83398	p 424	N83-25662* #	NASA-TM-84637	p 297	N83-19815* #	NASA-TP-2194	p 736	N83-36028* #
NASA-TM-83399	p 536	N83-27994* #	NASA-TM-84639	p 331	N83-20933* #	NASA-TP-2196	p 733	N83-34935* #
NASA-TM-83411	p 482	N83-27794* #	NASA-TM-84647	p 315	N83-22157* #	NASA-TP-2203	p 686	N83-33893* #
NASA-TM-83412	p 459	N83-26838* #	NASA-TM-84652	p 411	N83-24212* #	NASA-TP-2208	p 703	N83-34372* #
NASA-TM-83414	p 684	N83-32811* #	NASA-TM-84659	p 396	N83-23317* #	NASA-TP-2210	p 718	N83-34906* #
NASA-TM-83420	p 553	N83-28255* #	NASA-TM-84660	p 669	N83-33859* #	NASA-TP-2227	p 746	N83-34941* #
NASA-TM-83421	p 536	N83-27991* #	NASA-TM-84661	p 549	N83-29273* #	NAUFP-202-1	p 74	N83-10970* #
NASA-TM-83423	p 554	N83-29358* #	NASA-TM-84664	p 653	N83-32518* #			
NASA-TM-83429	p 539	N83-29235* #	NASA-TM-84665	p 417	N83-26785* #	NAVFAC-DM-24 2	p 175	N83-14142 #
NASA-TM-83433	p 712	N83-34885* #	NASA-TM-84723	p 67	N83-10378* #			
NASA-TM-83435	p 536	N83-27992* #	NASA-TM-84899	p 198	N83-13095* #	NAVFC-DM-23 1	p 174	N83-14141 #
NASA-TM-83436	p 539	N83-29237* #	NASA-TM-84900	p 208	N83-13124* #			
NASA-TM-83438	p 504	N83-27957* #	NASA-TM-84901	p 265	N83-18710* #	NAVTRAEQUIPC-IH-338	p 736	N83-34940 #
NASA-TM-83447	p 539	N83-29236* #	NASA-TM-84908	p 339	N83-22203* #	NAVTRAEQUIPC-IH-340	p 159	N83-14124 #
NASA-TM-83454	p 702	N83-34192* #	NASA-TM-84913	p 526	N83-27978* #			
NASA-TM-83458	p 684	N83-32810* #	NASA-TM-85007	p 479	N83-27537* #	NAVTRAEQUIPC-78-C-0060-9	p 220	N83-16356 #
NASA-TM-83466	p 746	N83-34942* #	NASA-TM-85020	p 409	N83-23670* #	NAVTRAEQUIPC-79-C-0076-1	p 633	N83-31615 #
NASA-TM-83484	p 682	N83-33883* #	NASA-TM-85163	p 176	N83-13059* #	NAVTRAEQUIPC-80-C-0132-1	p 206	N83-16334 #
NASA-TM-83493	p 747	N83-34945* #	NASA-TM-85199	p 234	N83-16814* #	NAVTRAEQUIPC-81-0105-1	p 466	N83-25733 #
NASA-TM-83494	p 747	N83-34946* #	NASA-TM-85220	p 248	N83-18697* #			
NASA-TM-83499	p 747	N83-34947* #	NASA-TM-85255	p 610	N83-30412* #	NAVTRAEQUIPCEN-IH-337	p 207	N83-12103 #
NASA-TM-83501	p 747	N83-34948* #	NASA-TM-85325	p 401	N83-23326* #			
NASA-TM-83505	p 712	N83-34886* #	NASA-TM-85404	p 765	N83-35318* #	NBS-GCR-82-404	p 319	N83-22174 #
NASA-TM-84245-VOL-2	p 179	N83-12048* #	NASA-TM-85428	p 748	N83-36031* #			
NASA-TM-84258-PT-1	p 48	N83-10049* #	NASA-TM-85633	p 314	N83-20916* #	NBSIR-82-2508-PT-1	p 251	N83-19727 #
NASA-TM-84258-PT-2	p 48	N83-10050* #	NASA-TM-85634	p 315	N83-20917* #	NBSIR-82-2525-PT-4	p 251	N83-19729 #
NASA-TM-84269	p 16	N83-11098* #	NASA-TM-85636	p 571	N83-28984* #	NBSIR-82-2536-PT-5	p 251	N83-19728 #
NASA-TM-84270	p 461	N83-26845* #	NASA-TM-85637	p 573	N83-29170* #	NBSIR-82-2537-PT-2	p 251	N83-19730 #
NASA-TM-84276	p 47	N83-10048* #	NASA-TM-85641	p 426	N83-26815* #	NBSIR-82-2598-PT-6	p 721	N83-34927 #
NASA-TM-84281	p 48	N83-10051* #	NASA-TM-85642	p 444	N83-25707* #			
NASA-TM-84289	p 217	N83-17552* #	NASA-TM-85647	p 706	N83-33682* #	NEAR-TR-269	p 504	N83-27963 #
NASA-TM-84291	p 204	N83-13112* #	NASA-TM-85650	p 666	N83-33848* #	NEAR-TR-274	p 213	N83-16346 #
NASA-TM-84292	p 571	N83-28985* #	NASA-TM-85652	p 527	N83-27979* #			
NASA-TM-84293	p 216	N83-16349* #	NASA-TM-85654	p 527	N83-27980* #			

## REPORT NUMBER INDEX

RADCR-82-148

NEL-681	p 218	N83-13294 #	ONERA, TP NO 1982-116	p 247	A83-24327 #	PB82-910414	p 249	N83-18700 #
NLR-MP-81016-U	p 203	N83-13106 #	ONERA, TP NO 1982-118	p 284	A83-24329 #	PB82-910415	p 248	N83-18698 #
NLR-MP-81017-U	p 198	N83-13096 #	ONERA, TP NO 1982-119	p 243	A83-24330 #	PB83-101659	p 430	N83-25688 #
NLR-MP-81019-U	p 198	N83-13097 #	ONERA, TP NO 1982-120	p 244	A83-24331 #	PB83-102772	p 293	N83-19764 #
NLR-MP-81028-U	p 198	N83-13099 #	ONERA, TP NO 1982-121	p 276	A83-24332 #	PB83-110585	p 251	N83-19731 #
NLR-MP-81029-U	p 159	N83-14125 #	ONERA, TP NO 1982-122	p 305	A83-24333 #	PB83-113522	p 251	N83-19727 #
NLR-MP-81034-U	p 209	N83-16339 #	ONERA, TP NO 1982-131	p 174	A83-18414 #	PB83-113530	p 251	N83-19728 #
NLR-MP-81035-U	p 209	N83-16340 #	ONERA, TP NO 1982-32	p 221	A83-13375 #	PB83-113548	p 251	N83-19729 #
NLR-MP-81046-U	p 207	N83-17531 #	ONERA, TP NO 1982-66	p 177	A83-14526 #	PB83-113555	p 251	N83-19730 #
NLR-MP-81062-U	p 674	N83-32786 #	ONERA, TP NO 1982-68	p 213	A83-14528 #	PB83-119891	p 319	N83-22174 #
NLR-MP-81063-U	p 238	N83-18291 #	ONERA, TP NO 1982-73	p 195	A83-14530 #	PB83-144865	p 460	N83-26843 #
NLR-MP-82003-U	p 234	N83-17903 #	ONERA, TP NO 1982-74	p 205	A83-23247 #	PB83-147413	p 479	N83-27476 #
NLR-MP-82007-U	p 234	N83-17902 #	ONERA, TP NO 1982-75	p 232	A83-23248 #	PB83-147751	p 471	N83-26934 #
NLR-MP-82008-U	p 207	N83-17532 #	ONERA, TP NO 1982-76	p 136	A83-18426 #	PB83-148387	p 475	N83-25919 #
NLR-MP-82039-U	p 679	N83-32799 #	ONERA, TP NO 1982-81	p 213	A83-14533 #	PB83-153692	p 560	N83-28290 #
NLR-MP-82042-U	p 700	N83-33233 #	ONERA, TP NO 1982-82	p 181	A83-14534 #	PB83-157883	p 529	N83-29203 #
NLR-MP-87067-U	p 228	N83-17716 #	ONERA, TP NO 1982-83	p 185	A83-14535 #	PB83-168187	p 529	N83-29202 #
			ONERA, TP NO 1982-87	p 206	A83-14539 #	PB83-180265	p 647	N83-31912 #
			ONERA, TP NO 1982-88	p 206	A83-14540 #	PB83-186734	p 633	N83-31616 #
NLR-TR-81056-U	p 403	N83-23421 #	ONERA, TP NO 1982-89	p 173	A83-18427 #	PB83-187344	p 698	N83-33001 #
NLR-TR-81110-U	p 389	N83-23297 #	ONERA, TP NO 1982-90	p 207	A83-14541 #	PB83-187799	p 647	N83-31916 #
NLR-TR-81114-U	p 404	N83-23422 #	ONERA, TP NO 1982-91	p 181	A83-18428 #	PB83-191312	p 691	N83-33911 #
NLR-TR-81135-U	p 38	N83-10043 #	ONERA, TP NO 1982-92	p 173	A83-18429 #	PB83-193052	p 721	N83-34927 #
NLR-TR-82001-U	p 389	N83-23298 #	ONERA, TP NO 1982-95	p 152	A83-18430 #	PB83-194043	p 754	N83-34959 #
NLR-TR-83003-U	p 718	N83-36002 #	ONERA, TP NO 1983-105	p 764	A83-49416 #	PB83-197053	p 768	N83-36615 #
			ONERA, TP NO 1983-107	p 717	A83-49418 #	PB83-202283	p 712	N83-34889 #
NMERI-TA5-4	p 548	N83-28008 #	ONERA, TP NO 1983-115	p 753	A83-49426 #	PB83-210443	p 754	N83-36042 #
			ONERA, TP NO 1983-11	p 464	A83-36421 #	PB83-214288	p 766	N83-36352 #
NMI-R-157	p 702	N83-34223 #	ONERA, TP NO 1983-21	p 480	A83-36430 #	PB83-910401	p 430	N83-26827 #
			ONERA, TP NO 1983-24	p 464	A83-36433 #	PB83-910404	p 720	N83-34922 #
NOAA-TM-ERL-RFC-11	p 768	N83-36615 #	ONERA, TP NO 1983-27	p 688	A83-44306 #	PB83-917003	p 510	N83-29189 #
			ONERA, TP NO 1983-28	p 689	A83-44307 #			
NOAA-83042204	p 768	N83-36615 #	ONERA, TP NO 1983-29	p 683	A83-44308 #	PDE-101	p 632	N83-30443 #
			ONERA, TP NO 1983-30	p 683	A83-44309 #			
NOR-82-58	p 193	N83-12076 #	ONERA, TP NO 1983-36	p 659	A83-44314 #	PFTR-1080-82-5	p 205	N83-13116 #
			ONERA, TP NO 1983-37	p 687	A83-44315 #			
NORDA-TN-201	p 567	N83-29955 #	ONERA, TP NO 1983-44	p 667	A83-44318 #	PHL-1982-64	p 560	N83-28317 #
			ONERA, TP NO 1983-52	p 446	A83-35820 #			
NPL-AC-102	p 653	N83-32517 #	ONERA, TP NO 1983-54	p 719	A83-48176 #	PIAC-97-C-6	p 204	N83-12099 #
			ONERA, TP NO 1983-59	p 719	A83-48180 #			
NPS-67-82-007	p 407	N83-23595 #	ONERA, TP NO 1983-68	p 756	A83-48189 #	PMA-55-1-81	p 206	N83-16334 #
			ONERA, TP NO 1983-73	p 497	A83-38638 #			
NPS67-82-003	p 156	N83-14118 #	ONERA, TP NO 1983-76	p 769	A83-48191 #	PML-1981-36	p 221	N83-17574 #
NPS67-82-006	p 527	N83-27984 #	ONERA, TP NO 1983-79	p 769	A83-48194 #	PML-1982-7	p 585	N83-30398 #
NPS67-82-13	p 215	N83-17549 #	ONERA, TP NO 1983-80	p 769	A83-48195 #			
						PNL-SA-10089	p 235	N83-18106 #
						PNL-SA-9961	p 226	N83-16531 #
NRC-20415	p 68	N83-11520 #	ORI-TR-1799	p 175	N83-12040 #			
NRC-20936	p 648	N83-32071 #						
NRC-21066	p 629	N83-31608 #	OTA-BP-T 14	p 251	N83-19731 #	PNR-90111	p 68	N83-11484 #
NRC-21276	p 510	N83-29187 #				PNR-90112	p 44	N83-11134 #
NRC-21277	p 510	N83-29188 #	OTA-BR-T-10-PT-2	p 221	N83-12919 #	PNR-90113	p 45	N83-11135 #
						PNR-90114	p 45	N83-11136 #
NRC/CNR TT-2066	p 631	N83-30436 #	OTA-STI-175	p 27	N83-10033 #	PNR-90116	p 68	N83-11485 #
			OTA-STI-176	p 293	N83-19764 #	PNR-90118	p 68	N83-11486 #
NRL-MR-4694	p 178	N83-14294 #				PNR-90120	p 203	N83-13107 #
NRL-MR-4863	p 189	N83-14954 #	OTA-T-170-PT-3	p 221	N83-12920 #	PNR-90148	p 563	N83-29670 #
NRL-MR-4938	p 237	N83-18322 #				PNR-90149	p 554	N83-29322 #
NRL-MR-4986	p 382	N83-23289 #	OU/AEC-EER-53-5	p 210	N83-17534 #	PNR-90159	p 460	N83-26842 #
NRL-MR-5070	p 617	N83-30433 #	OU/AEC-EER-54-2	p 217	N83-12299 #			
NRL-MR-5085	p 589	N83-31587 #				PRA-8049	p 515	N83-29194 #
			OU/AEC/EER-54-3	p 390	N83-23302 #			
NSF/ISP-82038	p 754	N83-34959 #				PSU/TURBO-82-5	p 427	N83-26819 #
			OUEL-1462/83	p 632	N83-31610 #			
NSF/PRA-82005	p 224	N83-13027 #				PWA-5512-96	p 214	N83-17544 #
NSF/PRA-82007	p 224	N83-13028 #	PAPER-12 4	p 58	N83-10102 #	PWA-5515-175	p 165	N83-15305 #
						PWA-5515-176	p 538	N83-27993 #
NSMRL-990	p 197	N83-16310 #	PB82-179946	p 194	N83-12079 #	PWA-5515-177	p 214	N83-17543 #
NSMRL-990	p 198	N83-16312 #	PB82-183740	p 175	N83-12040 #	PWA-5517-31	p 629	N83-30435 #
			PB82-183757	p 176	N83-12041 #	PWA-5523-122	p 163	N83-14128 #
NSRDS-NBS-61-PT-5	p 296	N83-18904 #	PB82-186800	p 221	N83-12920 #	PWA-5594-106	p 165	N83-15304 #
			PB82-186818	p 221	N83-12919 #	PWA-5594-152	p 616	N83-30429 #
NSTB-AAR-82-4	p 184	N83-13082 #	PB82-195884	p 58	N83-11153 #	PWA-5594-157	p 616	N83-30427 #
			PB82-195892	p 223	N83-12975 #	PWA-5594-180	p 283	N83-19753 #
NSWC/TR-82-176	p 178	N83-14287 #	PB82-197385	p 224	N83-13028 #	PWA-5719-34	p 637	N83-30551 #
			PB82 197393	p 224	N83-13027 #	PWA-5723-27	p 42	N83-10044 #
NT-81-25	p 33	N83-11122 #	PB82 203837	p 223	N83-12976 #	PWA-5768-29	p 426	N83-26816 #
			PB82 204512	p 194	N83-13093 #	PWA-5891-18	p 699	N83-33182 #
NTIA/REPT-83-117	p 766	N83-36352 #	PB82 206095	p 194	N83-12080 #	PWA-5907-19	p 645	N83-30959 #
			PB82 206855	p 184	N83-12081 #			
NTSB-AAR-82-13	p 197	N83-16309 #	PB82 207606	p 27	N83-10033 #	P83-10167	p 708	N83-34882 #
NTSB-AAR-82-14	p 249	N83-18700 #	PB82 212309	p 66	N83-10295 #			
NTSB-AAR-82-8	p 15	N83-10022 #	PB82 212499	p 13	N83-11086 #	QR-9	p 645	N83-30921 #
NTSB-AAR-83-01	p 430	N83-26827 #	PB82-213448	p 33	N83-11122 #			
NTSB-AAR-83-04	p 720	N83-34922 #	PB82-213737	p 60	N83-10214 #	QTPR-3	p 373	N83-23272 #
			PB82-218520	p 69	N83-11628 #	QTPR-5	p 61	N83-11248 #
NTSB-ARC-83-01	p 409	N83-23664 #	PB82-219189	p 69	N83-11629 #	QTPR-7	p 605	N83-30403 #
			PB82-230921	p 220	N83-13673 #		p 607	N83-31595 #
NTSB-114-82-15	p 248	N83-18698 #	PB82 232019	p 296	N83-18904 #			
			PB82-235946	p 218	N83-13320 #	QTR-11	p 440	N83-25692 #
NTSB/SIR-83-02	p 510	N83-29189 #	PB82 239849	p 219	N83-13417 #	QTR-12	p 440	N83-25693 #
			PB82 259003	p 226	N83-16538 #	QTR-13	p 440	N83-25694 #
OEHL-83-101EH174BNA	p 770	N83-36852 #	PB82-259144	p 220	N83-16358 #			
			PB82-259151	p 220	N83-16359 #	R-1496	p 32	N83-11117 #
ONERA, TP NO 1982-108	p 174	A83-18434 #	PB82-910404	p 184	N83-13082 #			
ONERA, TP NO 1982-109	p 152	A83-18435 #	PB82-910408	p 15	N83-10022 #	RADC-TR-82-113-VOL-1	p 217	N83-12318 #
ONERA, TP NO 1982-114	p 243	A83-24326 #	PB82-910413	p 197	N83-16309 #	RADC-TR-82-148	p 221	N83-12895 #



## RADC-TR-82-184

## REPORT NUMBER INDEX

RADC-TR-82-184	p 186	N83-15570 #	SAE ARP 1664	p 519	A83-38102 #	SAND-81-0510	p 378	N83-24486 #
RADC-TR-82-253	p 477	N83-25990 #				SAND-81-0538	p 483	N83-27803 #
RADC-TR-82-328	p 563	N83-29579 #	SAE PAPER 820603	p 696	A83-45864 #	SAND-81-1522C	p 410	N83-25226 #
RADC-TR-82-335	p 765	N83-36312 #	SAE PAPER 820609	p 696	A83-45867 #	SAND-81-1522	p 361	N83-21495 #
RADC-TR-82-339	p 765	N83-36338 #	SAE PAPER 820610	p 696	A83-45868 #	SAND-81-1701C	p 138	N83-15271 #
			SAE PAPER 820611	p 696	A83-45869 #	SAND-81-2415	p 332	N83-20940 #
RAE-FS(F)-184	p 560	N83-28326 #	SAE PAPER 820613	p 696	A83-45871 #	SAND-81-2577C	p 198	N83-16313 #
RAE-FS(F)-190	p 610	N83-30411 #	SAE PAPER 820717	p 392	A83-31802 #	SAND-82-1711C	p 594	N83-31593 #
			SAE PAPER 820719	p 391	A83-30874 #	SAND-83-0816C	p 721	N83-34926 #
RAE-LIBRARY-TRANS-2087	p 426	N83-25677 #	SAE PAPER 820720	p 392	A83-31803 #			
			SAE PAPER 820722	p 371	A83-31804 #	SAPR 2	p 618	N83-31605 #
RAE-MAT/STRUCT-24	p 700	N83-33214 #	SAE PAPER 820728	p 384	A83-30875 #	SAPR-3	p 708	N83-33800* #
			SAE PAPER 820729	p 384	A83-31805 #			
RAE-STRUCT-BF/B/0893	p 48	N83-10052 #	SAE PAPER 820730	p 385	A83-31806 #	SAR-43	p 226	N83-17597* #
			SAE PAPER 820866	p 384	A83-30944 #	SAR-4	p 186	N83-15627* #
RAE-TM-AERO-1863	p 530	N83-27988 #	SAE PAPER 820867	p 289	A83-25766 #	SAR-6	p 339	N83-22204* #
			SAE PAPER 820868	p 263	A83-25767 #			
RAE-TM-FS(B)-483	p 202	N83-17527 #	SAE PAPER 820869	p 263	A83-25768 #	SASR-2	p 266	N83-18716* #
			SAE PAPER 820870	p 263	A83-25769 #			
RAE-TM-FS(F)-449	p 309	N83-20704 #	SAE PAPER 820871	p 263	A83-25770 #	SAWE PAPER 1451	p 643	A83-43733 #
RAE-TM-FS(F)-466	p 389	N83-23301 #	SAE PAPER 820877	p 263	A83-25771 #	SAWE PAPER 1452	p 602	A83-43734 #
			SAE PAPER 820878	p 256	A83-25772 #	SAWE PAPER 1453	p 616	A83-43735 #
RAE-TM-RAD-NAV-197	p 560	N83-28291 #	SAE PAPER 820955	p 433	A83-33627 #	SAWE PAPER 1454	p 602	A83-43736 #
			SAE PAPER 820956	p 433	A83-33628* #	SAWE PAPER 1466	p 602	A83-43740 #
RAE TR-82007	p 48	N83-10052 #	SAE PAPER 820957	p 434	A83-33629 #	SAWE PAPER 1467	p 602	A83-43741 #
RAE TR-82030	p 310	N83-20707 #	SAE PAPER 821341	p 517	A83-37952 #	SAWE PAPER 1468	p 585	A83-43742* #
RAE TR-82092	p 560	N83-28326 #	SAE PAPER 821345	p 550	A83-37954 #	SAWE PAPER 1469	p 602	A83-43743 #
RAE TR-82110	p 610	N83-30411 #	SAE PAPER 821346	p 517	A83-37955 #	SAWE PAPER 1470	p 585	A83-43744 #
RAE TR-82125	p 700	N83-33214 #	SAE PAPER 821358	p 532	A83-37956 #	SAWE PAPER 1478	p 603	A83-43747 #
			SAE PAPER 821359	p 495	A83-37957* #	SAWE PAPER 1479	p 654	A83-43748 #
RAE-TRANS-2070	p 205	N83-16326 #	SAE PAPER 821360	p 517	A83-37958 #	SAWE PAPER 1480	p 654	A83-43749 #
RAE-TRANS-2082	p 553	N83-28118 #	SAE PAPER 821364	p 529	A83-37959 #	SAWE PAPER 1484	p 603	A83-43751 #
RAE-TRANS-2087	p 191	N83-16292 #	SAE PAPER 821366	p 507	A83-37960 #	SAWE PAPER 1485	p 635	A83-43752 #
			SAE PAPER 821371	p 532	A83-37963 #	SAWE PAPER 1487	p 644	A83-43754 #
RAND/N-1882-AF	p 459	N83-25714 #	SAE PAPER 821374	p 532	A83-37964 #	SAWE PAPER 1488	p 651	A83-43755 #
RAND/N-1883-AF	p 346	N83-20955 #	SAE PAPER 821375	p 517	A83-37965* #	SAWE PAPER 1490	p 644	A83-43757 #
RAND/N-1985-1-AF	p 712	N83-34888 #	SAE PAPER 821390	p 532	A83-37966 #	SAWE PAPER 1499	p 603	A83-43759 #
			SAE PAPER 821391	p 507	A83-37967 #	SAWE PAPER 1501	p 603	A83-43760 #
RAND/P-6786	p 159	N83-15303 #	SAE PAPER 821392	p 517	A83-37968 #			
			SAE PAPER 821393	p 517	A83-37969* #	SC5267 3FR	p 246	N83-19719 #
RD-2-83	p 395	N83-24507* #	SAE PAPER 821398	p 532	A83-37972 #			
			SAE PAPER 821400	p 533	A83-37973 #	SD-TR-82-2	p 66	N83 10330 #
REPRINT-839	p 563	N83-29670 #	SAE PAPER 821401	p 533	A83-37974 #			
REPRINT-840	p 554	N83-29322 #	SAE PAPER 821402	p 533	A83-37975 #	SEL-170	p 411	N83 24184* #
			SAE PAPER 821418	p 557	A83-37976 #	SEL-7867	p 734	N83-38027 #
REPT-NA-81-258	p 184	N83-14531 #	SAE PAPER 821421	p 517	A83-37978 #			
			SAE PAPER 821422	p 568	A83-37979 #	SER-510034	p 665	N83-32777* #
REPT-014524-21-T	p 411	N83-24184* #	SAE PAPER 821423	p 533	A83-37980 #	SER-510072	p 679	N83-33880 #
REPT-1378-51-6-2939	p 593	N83-31591 #	SAE PAPER 821424	p 557	A83-37981 #	SER-510089	p 192	N83-12071* #
REPT-14	p 721	N83-34923* #	SAE PAPER 821434	p 518	A83-37982* #	SER-510111	p 693	N83-33955* #
REPT-1506-01-1-2750	p 57	N83-11147 #	SAE PAPER 821435	p 518	A83-37983 #	SER-510112-VOL-1	p 427	N83-26820* #
REPT-1527-T	p 686	N83-33891* #	SAE PAPER 821436	p 518	A83-37984 #	SER-520235	p 194	N83-13092 #
REPT-2258-03-2-2477R	p 38	N83-11123 #	SAE PAPER 821437	p 557	A83-37985 #			
REPT 34	p 221	N83-17562 #	SAE PAPER 821438	p 533	A83-37986 #	SERI/TP-235-1710	p 699	N83-33169 #
REPT-459-1	p 28	N83-11107 #	SAE PAPER 821439	p 533	A83-37987 #			
REPT-459-2	p 38	N83-11124 #	SAE PAPER 821441	p 518	A83-37989 #	SERI/TR-11290-1	p 694	N83-34071 #
REPT-6645-F-9	p 204	N83-13110* #	SAE PAPER 821442	p 518	A83-37990 #	SERI/TR-635-1280	p 583	N83-30395 #
REPT 7102-F-1	p 397	N83-24513* #	SAE PAPER 821443	p 518	A83-37991 #			
REPT 761108/711129	p 471	N83-26929 #	SAE PAPER 821444	p 518	A83-37992 #	SERIAL-T-463	p 6	N83-11056 #
REPT-80-001	p 581	N83-30387* #	SAE PAPER 821445	p 519	A83-37993 #			
REPT-81SRC57	p 219	N83-13344 #	SAE PAPER 821446	p 533	A83-37994 #	SL-82-32	p 573	N83-29123 #
REPT-8242-PT-5	p 345	N83-22213* #	SAE PAPER 821456	p 657	A83-45875 #			
			SAE PAPER 821461	p 534	A83-37995 #	SNIAS-822-111-101	p 376	N83-23279 #
RFP-3387	p 665	N83-32772 #	SAE PAPER 821462	p 534	A83-37996 #	SNIAS-822-111-102	p 389	N83-24501 #
			SAE PAPER 821464	p 534	A83-37997 #	SNIAS-822-111-104	p 389	N83-23299 #
RI/RD82-224	p 646	N83-31022 #	SAE PAPER 821467	p 496	A83-37998* #	SNIAS-822-111-105	p 403	N83-23363 #
RI/RD83-104	p 478	N83-27213* #	SAE PAPER 821468	p 519	A83-37999* #	SNIAS-822-111-106	p 381	N83-23287 #
			SAE PAPER 821469	p 544	A83-38000 #	SNIAS-822-111-109	p 404	N83-23423 #
RTCA/DO-140	p 325	N83-22175 #	SAE PAPER 821475	p 534	A83-38001* #	SNIAS-822-111-110	p 407	N83-23523 #
RTCA/DO-180	p 325	N83-22175 #	SAE PAPER 821483	p 507	A83-38002 #	SNIAS-822-320-101	p 58	N83-10102 #
RTCA/DO-182	p 380	N83-23282 #	SAE PAPER 821484	p 507	A83-38003 #	SNIAS-831-422-121	p 682	N83-32802 #
			SAE PAPER 821485	p 550	A83-38004 #	SNIAS-831-502-101	p 658	N83-32742 #
R80AEG396	p 201	N83-12094* #	SAE PAPER 821486	p 507	A83-38005 #	SNIAS-831-551-101	p 765	N83-35426 #
R80AEG417	p 212	N83-16341* #	SAE PAPER 821487	p 534	A83-38006 #	SNIAS-831-551-103	p 679	N83-32800 #
R80AEG664-VOL-2	p 178	N83-15412* #	SAE PAPER 821489	p 534	A83-38007 #			
R81AEG215	p 44	N83-11127* #	SAE PAPER 821490	p 535	A83-38008 #	SP-03A82	p 281	N83-18659 #
R81AEG307	p 617	N83-30430* #	SAE PAPER 821501	p 507	A83-38009 #			
R81AEG316	p 339	N83-22204* #	SAE PAPER 821503	p 508	A83-38010 #	SPC-850	p 389	N83-23300 #
R81AEG654	p 214	N83-17539* #	SAE PAPER 821504	p 508	A83-38011 #			
R81AEG759	p 684	N83-32804* #	SAE PAPER 830705	p 634	A83-43316 #	SR-J2-04360	p 234	N83-16814* #
R82-915622-8	p 9	N83-10018* #	SAE PAPER 830706	p 599	A83-43317 #			
R82-955319-20	p 228	N83-17728* #	SAE PAPER 830707	p 691	A83-44685 #	SR-230	p 767	N83-36570 #
R82AEB078	p 404	N83-23464* #	SAE PAPER 830708	p 580	A83-43318 #	SR-3	p 186	N83-15558 #
R82AEB315	p 202	N83-13103* #	SAE PAPER 830709	p 580	A83-43319* #	SR-8302-FTT-512	p 305	N83-19487* #
R82AEB340	p 202	N83-13100* #	SAE PAPER 830710	p 599	A83-43320 #			
R82AEB403-VOL-1	p 166	N83-15308* #	SAE PAPER 830711	p 626	A83-43321 #	SRC-CR-82-33	p 765	N83-36312 #
R82AEB540-VOL-1	p 338	N83-20946* #	SAE PAPER 830712	p 599	A83-43322 #			
R82AEG533	p 214	N83-17542* #	SAE PAPER 830713	p 609	A83-43323 #	SRI-06-4860	p 190	N83-15042* #
R82AE511	p 212	N83-16342* #	SAE PAPER 830714	p 626	A83-43324 #			
R83AEB047	p 747	N83-34944* #	SAE PAPER 830715	p 627	A83-43325 #	SRL-6507	p 553	N83-28211 #
			SAE PAPER 830717	p 599	A83-43326* #			
SAAB-TN-AE-75	p 705	N83-33641 #	SAE PAPER 830720	p 627	A83-43327* #	SR82-R-4621-36	p 202	N83-13104* #
			SAE PAPER 830731	p 615	A83-43328 #			
SAE AIR 1059A	p 547	A83-38103 #	SAE PAPER 830764	p 580	A83-43329* #	SSI-80-203(S)-VOL-3	p 155	N83-14113 #
SAE AIR 1533	p 535	A83-38104 #						
SAE AIR 1813	p 547	A83-38105 #	SAE-830729	p 311	N83-22092* #	STI-TR-1172-1R-REV	p 47	N83-10047* #

# REPORT NUMBER INDEX

WSRL-0287-SD

STI-TR-2109-1	p 11	N83-11062* #	ULRF-419/CAR	p 186	N83-15558 #	USAAEFA-80-17-3	p 734	N83-36025 #
STI-TR-548	p 57	N83-11149 #	UMTA IT-06-0248-83-2	p 754	N83-36042 #	USAAEFA-81-01-3	p 527	N83-27985 #
SU-JIAA-TR-48-PT-1	p 238	N83-17238* #				USAAEFA-81-01-4	p 637	N83-30673 #
SU-JIAA-TR-48-PT-2	p 238	N83-17237* #	US-PATENT APPL-SN-132364	p 748	N83-36029* #	USAAEFA-81-01-5	p 608	N83-31601 #
			US-PATENT APPL-SN-163122	p 617	N83-31603* #	USAAEFA-81-18	p 528	N83-27987 #
SWRI-15-5607-809	p 712	N83-34890 #	US-PATENT APPL-SN-224231	p 38	N83-10040* #	USAAEFA-81-21	p 606	N83-30410 #
SWRI-6800-129	p 471	N83-25904 #	US-PATENT APPL-SN-230613	p 526	N83-27975* #	USAAEFA-82-01	p 528	N83-29199 #
			US-PATENT APPL-SN-234224	p 702	N83-34304* #	USAAEFA-82-06	p 332	N83-20939 #
T-123	p 652	N83-32401 #	US-PATENT APPL-SN-238257	p 645	N83-30957* #			
			US-PATENT APPL-SN-242790	p 682	N83-33882* #	USAAEFA-82-6	p 293	N83-18772 #
TACOM-TR-12673	p 639	N83-31824 #	US-PATENT APPL-SN-245571	p 164	N83-14129* #			
TACOM-TR-12686	p 515	N83-29194 #	US-PATENT APPL-SN-248744	p 266	N83-19737* #	USAAVRADCOM-TM-83-F-1	p 713	N83-35993 #
			US-PATENT APPL-SN-259209	p 713	N83-35992* #			
TAE-470	p 72	N83-10803* #	US-PATENT APPL-SN-267935	p 237	N83-17235* #	USAAVRADCOM-TR-81-E-1	p 183	N83-14387 #
			US-PATENT APPL-SN-274705	p 361	N83-21503* #	USAAVRADCOM-TR 81-3	p 182	N83-14369 #
TASC-TR-3030-1	p 260	N83-18706 #	US-PATENT APPL-SN-274706	p 361	N83-21504* #	USAAVRADCOM-TR-82-A-8-VOL-2	p 179	N83-12048* #
			US-PATENT APPL-SN-293418	p 638	N83-31795* #	USAAVRADCOM-TR-82-D-28	p 477	N83-26081 #
TB-82-5	p 537	N83-29207 #	US-PATENT APPL-SN-317977	p 759	N83-36118* #	USAAVRADCOM-TR-82-D-31	p 296	N83-18858 #
			US-PATENT APPL-SN-401288	p 563	N83-29708* #	USAAVRADCOM-TR-82-D-34	p 510	N83-27970 #
TDCK-76160	p 221	N83-17574 #	US-PATENT APPL-SN-456460	p 227	N83-17683* #	USAAVRADCOM-TR-82-D-35	p 250	N83-19725 #
TDCK-76716	p 585	N83-30398 #	US-PATENT APPL-SN-456915	p 246	N83-19715* #	USAAVRADCOM-TR-82-D-36	p 429	N83-25684 #
TDCK-77222	p 698	N83-33035 #	US-PATENT APPL-SN-469867	p 528	N83-29197* #	USAAVRADCOM-TR-82-D-42	p 589	N83-31589 #
TDCK-77306	p 560	N83-28317 #	US-PATENT APPL-SN-481106	p 465	N83-25727* #	USAAVRADCOM-TR-82-D-9	p 184	N83-12056 #
			US-PATENT APPL-SN-484745	p 413	N83-25539* #	USAAVRADCOM-TR-82-F-7	p 491	N83-29171 #
TECH-BEREICHT-82/013	p 394	N83-23311 #	US-PATENT APPL-SN-489902	p 477	N83-26080* #	USAAVRADCOM-TR-83-A-10	p 702	N83-34278* #
			US-PATENT APPL-SN-508371	p 505	N83-29173* #	USAAVRADCOM-TR-83-A-1	p 478	N83-27148* #
TEI-A009-9	p 645	N83-30921 #	US-PATENT APPL-SN-532342	p 733	N83-34934* #			
			US-PATENT APPL-SN-657903	p 685	N83-33884* #	USAAVRADCOM-81-0089-1	p 28	N83-11107 #
TM(NASA)-85	p 148	N83-15277* #				USAAVRADCOM-81-0089-2	p 38	N83-11124 #
			US-PATENT-CASE-179-146-R	p 526	N83-27975* #	USAAVRADCOM-82-A-17	p 216	N83-16349* #
TM-83	p 147	N83-15275* #	US-PATENT-CASE-179-179	p 526	N83-27975* #			
TM-84	p 147	N83-15276* #	US-PATENT-CASE-244-121	p 266	N83-19737* #	USAAVRADCOM-82-A-17	p 180	N83-12053 #
			US-PATENT-CASE-244-129 4	p 266	N83-19737* #	USAAVRADCOM-82-A-17	p 250	N83-19724 #
TN-11555-307-8	p 583	N83-31578* #	US-PATENT CASE-292-254	p 266	N83-19737* #	USAAVRADCOM-82-A-17		
			US-PATENT CASE-367-906	p 526	N83-27975* #	USAAVRADCOM-82-A-17	p 176	N83-13066 #
TOP-6-3-120	p 26	N83-10030 #				USAAVRADCOM-82-A-17	p 577	N83-31571 #
TO3-TZ20	p 207	N83-12102* #	US-PATENT-CLASS-102-378	p 713	N83-35992* #	USAAVRADCOM-82-A-17		
			US-PATENT-CLASS-169-47	p 759	N83-36118* #	USAAVRADCOM-82-A-17	p 147	N83-14102 #
TPR-3	p 553	N83-28273 #	US-PATENT-CLASS-181-213	p 685	N83-33884* #	USAAVRADCOM-82-A-17		
			US-PATENT-CLASS-239-265 17	p 685	N83-33884* #	USAAVRADCOM-82-A-17	p 561	N83-28377 #
TR-CRINC-FRL-467-1	p 408	N83-24796* #	US-PATENT-CLASS-244-137P	p 713	N83-35992* #	USAAVRADCOM-82-A-17		
			US-PATENT-CLASS-252-2	p 759	N83-36118* #	USAAVRADCOM-82-A-17	p 589	N83-31588 #
TR-1151-2-VOL-1	p 344	N83-22207* #	US-PATENT-CLASS-252-5	p 759	N83-36118* #	USAAVRADCOM-82-A-17		
TR-1151-2-VOL-2	p 344	N83-22208* #	US-PATENT-CLASS-33-322	p 682	N83-33882* #	USAAVRADCOM-82-A-17	p 539	N83-29238 #
TR-1151-2 VOL-4	p 344	N83-22210* #	US-PATENT-CLASS-33-322	p 38	N83-10040* #	USAAVRADCOM-82-A-17		
TR-1151-2-VOL-5	p 344	N83-22211* #	US-PATENT-CLASS-356-1	p 702	N83-34304* #	USAAVRADCOM-82-A-17	p 546	N83-27999 #
TR-1178-1-I-VOL-1	p 333	N83-22189 #	US-PATENT-CLASS-356-4	p 702	N83-34304* #	USAAVRADCOM-82-A-17		
TR-1178-1-I-VOL-2	p 333	N83-22190 #	US-PATENT-CLASS-358-104	p 702	N83-34304* #	USAAVRADCOM-82-A-17	p 704	N83-34514* #
TR-1188-1	p 397	N83-23318* #	US-PATENT-CLASS-358-109	p 38	N83-10040* #	USAAVRADCOM-82-A-17		
TR-1188-2	p 344	N83-22212* #	US-PATENT-CLASS-374-122	p 38	N83-10040* #	USAAVRADCOM-82-A-17	p 180	N83-13074 #
TR-2101	p 187	N83-17454* #	US-PATENT-CLASS-374-123	p 38	N83-10040* #	USAAVRADCOM-82-A-17	p 401	N83-23329 #
TR-582	p 28	N83-11108 #	US-PATENT-CLASS-415-175	p 617	N83-31603* #	USAAVRADCOM-82-A-17	p 679	N83-33877 #
TR-681102	p 547	N83-29270* #	US-PATENT-CLASS-415-178	p 617	N83-31603* #	USAAVRADCOM-82-A-17		
TR 81-023	p 220	N83-16356 #	US-PATENT-CLASS-415-1	p 617	N83-31603* #	USAAVRADCOM-82-A-17	p 26	N83-10028 #
TR-81415	p 319	N83-22172 #	US-PATENT-CLASS-415-47	p 617	N83-31603* #	USAAVRADCOM-82-A-17	p 204	N83-13111 #
TR-82401	p 319	N83-22171 #	US-PATENT-CLASS-427-318	p 638	N83-31795* #	USAAVRADCOM-82-A-17	p 571	N83-28983 #
TR-82411	p 589	N83-31589 #	US-PATENT-CLASS-427-419 2	p 638	N83-31795* #	USAAVRADCOM-82-A-17		
TR-8268-1	p 218	N83-13292 #	US-PATENT-CLASS-428-450	p 638	N83-31795* #	USAAVRADCOM-82-A-17	p 332	N83-20938 #
			US-PATENT-CLASS 428-469	p 638	N83-31795* #	USAAVRADCOM-82-A-17		
TRANS-15857/TLT-00841	p 460	N83-26842 #	US-PATENT-CLASS 428-641	p 638	N83-31795* #	USAAVRADCOM-82-A-17	p 176	N83-15320* #
			US-PATENT-CLASS 428 650	p 638	N83-31795* #	USAAVRADCOM-82-A-17		
TRB/TRR-836	p 66	N83-10295 #	US-PATENT-CLASS 428-680	p 638	N83-31795* #	USAAVRADCOM-82-A-17	p 633	N83-31615 #
TRB/TRR-840	p 218	N83-13320 #	US-PATENT CLASS 434-38	p 702	N83-34304* #	USAAVRADCOM-82-A-17		
TRB/TRR-865	p 560	N83-28290 #	US-PATENT-CLASS 434-4	p 702	N83-34304* #	USAAVRADCOM-82-A-17	p 282	N83-18730 #
			US-PATENT-CLASS-60-262	p 685	N83-33884* #	USAAVRADCOM-82-A-17	p 282	N83-18738 #
TRITA-FPT-042	p 460	N83-26843 #	US-PATENT-CLASS-60-269	p 685	N83-33884* #	USAAVRADCOM-82-A-17	p 242	N83-18656 #
			US-PATENT-CLASS-60-271	p 685	N83-33884* #	USAAVRADCOM-82-A-17		
TS-126	p 383	N83-24499 #	US-PATENT-CLASS-60-39 07	p 748	N83-36029* #	USAAVRADCOM-82-A-17	p 376	N83-23278 #
			US-PATENT-CLASS-73-147	p 237	N83-17235* #	USAAVRADCOM-82-A-17	p 192	N83-16300 #
TSARCOM-TR-83-1	p 654	N83-32677 #	US-PATENT-CLASS 73-147	p 361	N83-21503* #	USAAVRADCOM-82-A-17	p 192	N83-16301 #
			US-PATENT-CLASS 73-147	p 361	N83-21504* #	USAAVRADCOM-82-A-17	p 665	N83-32781 #
TUBS/FB-80-01-02	p 205	N83-13117 #	US-PATENT-CLASS 73-170R	p 38	N83-10040* #	USAAVRADCOM-82-A-17		
TUBS/FB-80-07-01	p 205	N83-13118 #	US-PATENT-CLASS 73-178R	p 38	N83-10040* #	USAAVRADCOM-82-A-17	p 471	N83-27033 #
TUBS/FB-80-12-02	p 221	N83-13824 #	US-PATENT-CLASS 74-5 34	p 682	N83-33882* #	USAAVRADCOM-82-A-17		
TUBS/FB-81-08-01	p 206	N83-13119 #	US-PATENT-CLASS 89-1B	p 713	N83-35992* #	USAAVRADCOM-82-A-17	p 179	N83-12050 #
TUBS/FB-81-11-01	p 206	N83-13120 #				USAAVRADCOM-82-A-17		
TUBS/FB-82-04-01	p 206	N83-13121 #	US-PATENT-4,338,061	p 617	N83-31603* #	USAAVRADCOM-82-A-17	p 48	N83-10053 #
			US-PATENT-4,346,595	p 38	N83-10040* #	USAAVRADCOM-82-A-17	p 61	N83-11251 #
UCID-19620	p 360	N83-22498 #	US-PATENT-4,363,237	p 237	N83-17235* #	USAAVRADCOM-82-A-17	p 546	N83-28002 #
			US-PATENT-4,372,110	p 685	N83-33884* #	USAAVRADCOM-82-A-17	p 14	N83-11092 #
UCRL-15504	p 304	N83-20430 #	US-PATENT-4,372,158	p 361	N83-21503* #	USAAVRADCOM-82-A-17	p 546	N83-28003 #
			US-PATENT-4,372,159	p 361	N83-21504* #	USAAVRADCOM-82-A-17	p 69	N83-11526 #
UD-347/82	p 389	N83-23296 #	US-PATENT-4,374,183	p 638	N83-31795* #	USAAVRADCOM-82-A-17	p 505	N83-27967 #
			US-PATENT-4,375,281	p 266	N83-19737* #	USAAVRADCOM-82-A-17	p 700	N83-33234 #
UDR-TR-79-54	p 184	N83-14543 #	US-PATENT-4,387,513	p 682	N83-33882* #	USAAVRADCOM-82-A-17		
UDR-TR-80-37-VOL-2	p 225	N83-16402 #	US-PATENT-4,388,502	p 526	N83-27975* #	USAAVRADCOM-82-A-17	p 232	N83-16566 #
UDR-TR-81 14	p 225	N83-16401 #	US-PATENT-4,391,514	p 702	N83-34304* #	USAAVRADCOM-82-A-17		
UDR-TR-82-03-VOL-1	p 618	N83-31606 #	US-PATENT-4,404,793	p 748	N83-36029* #	USAAVRADCOM-82-A-17	p 407	N83-24732 #
UDR-TR-82-104	p 458	N83-25713 #	US-PATENT-4,406,797	p 759	N83-36118* #	USAAVRADCOM-82-A-17		
UDR-TR-82-30	p 653	N83-31422 #	US-PATENT-4,407,468	p 713	N83-35992* #	USAAVRADCOM-82-A-17	p 224	N83-13937* #
UDR-TR-82-39	p 213	N83-16345 #				USAAVRADCOM-82-A-17	p 238	N83-18404* #
UDR-TR-82-64	p 395	N83-24510 #	USAAEFA-79-24	p 529	N83-29201 #	USAAVRADCOM-82-A-17		
			USAAEFA-80-07	p 440	N83-25698 #	USAAVRADCOM-82-A-17	p 74	N83-11839* #
			USAAEFA-80-17 1	p 193	N83-12075 #	USAAVRADCOM-82-A-17		
UDRI-TR-81-160-VOL-2	p 16	N83-11099 #	USAAEFA-80-17 2	p 442	N83-25705 #	USAAVRADCOM-82-A-17	p 293	N83-19763 #

**WSU-AR-78-4**

*REPORT NUMBER INDEX*

WSU-AR-78-4

p 190 N83-16287\* #

XRS-82-217A

p 311 N83-20907 #

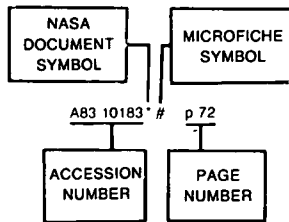
# ACCESSION NUMBER INDEX

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JANUARY 1984

1983 Cumulative Index

## Typical Accession Number Index Listing



Listings in this index are arranged alphanumerically by accession number. The page number listed to the right indicates the page on which the citation is located. An asterisk (\*) indicates that the item is a NASA report. A pound sign (#) indicates that the item is available on microfiche.

A83-10063 #	p 62	A83-10866 #	p 39	A83-11151 #	p 40	A83-11903* #	p 37	A83-13346 #	p 199
A83-10178 #	p 53	A83-10867 #	p 39	A83-11153 #	p 70	A83-11910* #	p 71	A83-13375 #	p 221
A83-10179 #	p 28	A83-10870 #	p 62	A83-11155 #	p 70	A83-11915* #	p 72	A83-13490 #	p 212
A83-10180 #	p 6	A83-10871 #	p 40	A83-11156* #	p 46	A83-11918 #	p 24	A83-13512 #	p 209
A83-10182 #	p 29	A83-10898 #	p 72	A83-11160 #	p 20	A83-11942 #	p 64	A83-13521* #	p 212
A83-10183* #	p 72	A83-11000 #	p 2	A83-11162 #	p 70	A83-11949 #	p 41	A83-13575 #	p 206
A83-10184* #	p 39	A83-11050* #	p 59	A83-11163 #	p 70	A83-12008 #	p 56	A83-13590 #	p 222
A83-10185 #	p 7	A83-11059 #	p 54	A83-11171 #	p 35	A83-12014 #	p 59	A83-13814 #	p 195
A83-10186* #	p 29	A83-11069 #	p 55	A83-11172 #	p 35	A83-12077 #	p 41	A83-13907 #	p 213
A83-10187 #	p 33	A83-11074 #	p 55	A83-11175 #	p 46	A83-12097 #	p 30	A83-13912 #	p 175
A83-10188 #	p 29	A83-11076 #	p 62	A83-11176 #	p 71	A83-12098 #	p 41	A83-14042 #	p 189
A83-10189 #	p 53	A83-11079 #	p 55	A83-11177 #	p 71	A83-12099 #	p 24	A83-14115 #	p 199
A83-10190* #	p 62	A83-11080 #	p 55	A83-11178* #	p 55	A83-12224 #	p 14	A83-14116 #	p 185
A83-10191* #	p 29	A83-11081 #	p 55	A83-11179 #	p 46	A83-12225 #	p 24	A83-14324 #	p 189
A83-10192* #	p 29	A83-11082 #	p 55	A83-11180 #	p 20	A83-12324 #	p 2	A83-14325 #	p 175
A83-10193 #	p 29	A83-11083 #	p 2	A83-11181 #	p 21	A83-12343 #	p 41	A83-14485 #	p 213
A83-10250 #	p 45	A83-11085 #	p 63	A83-11182 #	p 21	A83-12347 #	p 64	A83-14494 #	p 185
A83-10259 #	p 17	A83-11086 #	p 2	A83-11183* #	p 21	A83-12350 #	p 41	A83-14526 #	p 177
A83-10439 #	p 45	A83-11087 #	p 29	A83-11184 #	p 21	A83-12457* #	p 72	A83-14528 #	p 213
A83-10440 #	p 7	A83-11088 #	p 29	A83-11185 #	p 63	A83-12458* #	p 47	A83-14530 #	p 195
A83-10442 #	p 34	A83-11089 #	p 63	A83-11186 #	p 35	A83-12654 #	p 2	A83-14533 #	p 213
A83-10444 #	p 39	A83-11090 #	p 17	A83-11188 #	p 36	A83-12657 #	p 64	A83-14534 #	p 181
A83-10453 #	p 62	A83-11092 #	p 18	A83-11190 #	p 71	A83-12658 #	p 3	A83-14535 #	p 185
A83-10455 #	p 69	A83-11094 #	p 18	A83-11191 #	p 21	A83-12659 #	p 3	A83-14539 #	p 206
A83-10458 #	p 58	A83-11095 #	p 18	A83-11192 #	p 21	A83-12660 #	p 64	A83-14540 #	p 206
A83-10466 #	p 58	A83-11096 #	p 18	A83-11200 #	p 71	A83-12665 #	p 30	A83-14541 #	p 207
A83-10573 #	p 7	A83-11097 #	p 34	A83-11201 #	p 22	A83-12755 #	p 64	A83-14576 #	p 213
A83-10576 #	p 7	A83-11098 #	p 34	A83-11202 #	p 40	A83-12756 #	p 65	A83-14605 #	p 177
A83-10577 #	p 45	A83-11099 #	p 18	A83-11203 #	p 40	A83-12764* #	p 65	A83-14606 #	p 177
A83-10579 #	p 7	A83-11100 #	p 34	A83-11205 #	p 40	A83-12765 #	p 65	A83-14617 #	p 189
A83-10580 #	p 7	A83-11101 #	p 34	A83-11206 #	p 40	A83-12772 #	p 65	A83-14618 #	p 182
A83-10581 #	p 7	A83-11102 #	p 18	A83-11207 #	p 40	A83-12777 #	p 65	A83-14619 #	p 182
A83-10653 #	p 59	A83-11103 #	p 70	A83-11208 #	p 46	A83-12783 #	p 65	A83-14620 #	p 213
A83-10655* #	p 59	A83-11104 #	p 70	A83-11209 #	p 46	A83-12851 #	p 3	A83-14621 #	p 189
A83-10660 #	p 39	A83-11105 #	p 2	A83-11210 #	p 46	A83-12852* #	p 3	A83-14623 #	p 182
A83-10666 #	p 39	A83-11106 #	p 2	A83-11211 #	p 22	A83-12853 #	p 65	A83-14624 #	p 182
A83-10668 #	p 17	A83-11107 #	p 29	A83-11212 #	p 22	A83-12857 #	p 25	A83-14625 #	p 199
A83-10669 #	p 7	A83-11108 #	p 29	A83-11222 #	p 22	A83-12878 #	p 25	A83-14700 #	p 189
A83-10675 #	p 39	A83-11109 #	p 63	A83-11224 #	p 22	A83-12879 #	p 25	A83-14726 #	p 213
A83-10707 #	p 17	A83-11110 #	p 17	A83-11227 #	p 36	A83-12895 #	p 25	A83-14843* #	p 203
A83-10732 #	p 53	A83-11111 #	p 18	A83-11228 #	p 56	A83-12933 #	p 41	A83-14862 #	p 185
A83-10737 #	p 54	A83-11112 #	p 19	A83-11231 #	p 63	A83-12934 #	p 30	A83-14951 #	p 199
A83-10738 #	p 17	A83-11113 #	p 19	A83-11233 #	p 36	A83-12935 #	p 37	A83-14952 #	p 190
A83-10739 #	p 54	A83-11114 #	p 2	A83-11234 #	p 22	A83-12966 #	p 42	A83-15068* #	p 199
A83-10750 #	p 1	A83-11115 #	p 2	A83-11235 #	p 22	A83-12968 #	p 3	A83-15095 #	p 178
A83-10751 #	p 54	A83-11116 #	p 34	A83-11237 #	p 56	A83-12969 #	p 30	A83-15096 #	p 178
A83-10752 #	p 54	A83-11117 #	p 34	A83-11238 #	p 56	A83-12971 #	p 60	A83-15160 #	p 214
A83-10755 #	p 54	A83-11118 #	p 34	A83-11239 #	p 23	A83-13004 #	p 66	A83-15191 #	p 214
A83-10763 #	p 69	A83-11119 #	p 34	A83-11240 #	p 36	A83-13008 #	p 25	A83-15192 #	p 214
A83-10778 #	p 1	A83-11120 #	p 34	A83-11241 #	p 23	A83-13009 #	p 25	A83-15197 #	p 195
A83-10780 #	p 1	A83-11121 #	p 19	A83-11242 #	p 23	A83-13010 #	p 37	A83-15198 #	p 214
A83-10785 #	p 1	A83-11122 #	p 19	A83-11243 #	p 23	A83-13011 #	p 14	A83-15199 #	p 214
A83-10786 #	p 1	A83-11123 #	p 19	A83-11244 #	p 23	A83-13012 #	p 14	A83-15211 #	p 214
A83-10803 #	p 17	A83-11124 #	p 19	A83-11249 #	p 71	A83-13013 #	p 25	A83-15281 #	p 178
A83-10805 #	p 17	A83-11125 #	p 19	A83-11251 #	p 23	A83-13014 #	p 26	A83-15283 #	p 178
		A83-11126 #	p 19	A83-11253 #	p 23	A83-13016 #	p 26	A83-15289 #	p 222
		A83-11127 #	p 19	A83-11254 #	p 47	A83-13017 #	p 30	A83-15290* #	p 178
		A83-11128 #	p 20	A83-11255 #	p 23	A83-13018 #	p 8	A83-15298 #	p 222
		A83-11131 #	p 70	A83-11257 #	p 36	A83-13023 #	p 8	A83-15308 #	p 190
		A83-11134 #	p 35	A83-11258* #	p 36	A83-13025 #	p 30	A83-15309 #	p 207
		A83-11135 #	p 35	A83-11260 #	p 24	A83-13077 #	p 8	A83-15310 #	p 203
		A83-11136 #	p 63	A83-11261 #	p 36	A83-13095 #	p 42	A83-15311 #	p 199
		A83-11140 #	p 20	A83-11262 #	p 36	A83-13100 #	p 42	A83-15312 #	p 203
		A83-11141 #	p 20	A83-11459 #	p 37	A83-13126 #	p 176	A83-15313 #	p 178
		A83-11144 #	p 29	A83-11460 #	p 24	A83-13127 #	p 177	A83-15314 #	p 222
		A83-11146 #	p 20	A83-11482* #	p 59	A83-13129 #	p 177	A83-15315 #	p 178
		A83-11147 #	p 35	A83-11492* #	p 59	A83-13133* #	p 212	A83-15316 #	p 222
		A83-11148 #	p 45	A83-11505 #	p 63	A83-13136* #	p 221	A83-15317* #	p 222
				A83-11512 #	p 41	A83-13144 #	p 177	A83-15319 #	p 199
				A83-11557 #	p 24	A83-13158 #	p 189	A83-15320* #	p 199
				A83-11575 #	p 37	A83-13159* #	p 198,	A83-15321* #	p 214
				A83-11627 #	p 41	A83-13160* #	p 198	A83-15322 #	p 178
				A83-11628 #	p 63	A83-13161* #	p 189	A83-15324 #	p 178
				A83-11772 #	p 8	A83-13162 #	p 199	A83-15394 #	p 209
				A83-11773 #	p 8	A83-13163 #	p 189	A83-15398 #	p 190
				A83-11775 #	p 8	A83-13164 #	p 177	A83-15403 #	p 182
				A83-11778 #	p 8	A83-13165* #	p 189	A83-15404 #	p 182
				A83-11779 #	p 64	A83-13166* #	p 177	A83-15405 #	p 182
				A83-11800 #	p 59	A83-13167* #	p 189	A83-15407 #	p 183
				A83-11805 #	p 29	A83-13168 #	p 181	A83-15408 #	p 183
				A83-11806* #	p 30	A83-13170 #	p 189	A83-15409 #	p 183
				A83-11807 #	p 37	A83-13172 #	p 177	A83-15415 #	p 215
				A83-11808 #	p 47	A83-13200 #	p 209	A83-15416 #	p 183
				A83-11809 #	p 47	A83-13234 #	p 212		
				A83-11857 #	p 64	A83-13239 #	p 212		
				A83-11902* #	p 24				

## A83-15418

A83-15418 # p 183  
 A83-15421 # p 190  
 A83-15423 # p 183  
 A83-15424 # p 183  
 A83-15425 # p 190  
 A83-15428 # p 190  
 A83-15429 # p 195  
 A83-15433 # p 209  
 A83-15434 # p 184  
 A83-15436 # p 190  
 A83-15437 # p 195  
 A83-15438 # p 196  
 A83-15440 # p 191  
 A83-15441 # p 184  
 A83-15442 # p 191  
 A83-15444 # p 191  
 A83-15543 # p 178  
 A83-15545 # p 215  
 A83-15546 # p 215  
 A83-15850 # p 199  
 A83-15874 # p 210  
 A83-16010 # p 200  
 A83-16027 # p 191  
 A83-16028 # p 215  
 A83-16029 # p 191  
 A83-16115 # p 191  
 A83-16122 # p 215  
 A83-16126 # p 196  
 A83-16127 # p 191  
 A83-16130 # p 196  
 A83-16131 # p 196  
 A83-16132 # p 196  
 A83-16133 # p 196  
 A83-16134 # p 196  
 A83-16135 # p 197  
 A83-16136 # p 197  
 A83-16145 # p 210  
 A83-16146 # p 220  
 A83-16198 # p 215  
 A83-16326 # p 175  
 A83-16331 # p 207  
 A83-16332 # p 185  
 A83-16333 # p 186  
 A83-16334 # p 197  
 A83-16335 # p 207  
 A83-16336 # p 197  
 A83-16337 # p 197  
 A83-16371 # p 200  
 A83-16372 # p 192  
 A83-16373 # p 192  
 A83-16374 # p 175  
 A83-16375 # p 225  
 A83-16394 # p 179  
 A83-16399 # p 192  
 A83-16400 # p 192  
 A83-16448 # p 186  
 A83-16454 # p 129  
 A83-16455 # p 129  
 A83-16456 # p 160  
 A83-16457 # p 129  
 A83-16458 # p 160  
 A83-16459 # p 129  
 A83-16460 # p 129  
 A83-16472 # p 148  
 A83-16477 # p 179  
 A83-16482 # p 171  
 A83-16488 # p 148  
 A83-16489 # p 129  
 A83-16490 # p 148  
 A83-16491 # p 160  
 A83-16492 # p 167  
 A83-16493 # p 168  
 A83-16494 # p 140  
 A83-16496 # p 168  
 A83-16497 # p 168  
 A83-16507 # p 130  
 A83-16509 # p 130  
 A83-16510 # p 130  
 A83-16511 # p 130  
 A83-16512 # p 149  
 A83-16513 # p 130  
 A83-16514 # p 130  
 A83-16515 # p 130  
 A83-16516 # p 149  
 A83-16517 # p 149  
 A83-16518 # p 131  
 A83-16519 # p 149  
 A83-16525 # p 131  
 A83-16526 # p 188  
 A83-16527 # p 188  
 A83-16537 # p 131  
 A83-16540 # p 131  
 A83-16544 # p 131  
 A83-16547 # p 171  
 A83-16548 # p 171  
 A83-16550 # p 168

A83-16551 # p 171  
 A83-16552 # p 171  
 A83-16554 # p 172  
 A83-16556 # p 172  
 A83-16557 # p 172  
 A83-16559 # p 160  
 A83-16566 # p 168  
 A83-16567 # p 149  
 A83-16572 # p 160  
 A83-16573 # p 131  
 A83-16574 # p 132  
 A83-16577 # p 132  
 A83-16578 # p 132  
 A83-16582 # p 127  
 A83-16583 # p 188  
 A83-16595 # p 132  
 A83-16602 # p 132  
 A83-16603 # p 132  
 A83-16608 # p 160  
 A83-16618 # p 133  
 A83-16619 # p 133  
 A83-16622 # p 133  
 A83-16624 # p 168  
 A83-16625 # p 140  
 A83-16627 # p 149  
 A83-16628 # p 150  
 A83-16655 # p 176  
 A83-16662 # p 161  
 A83-16663 # p 161  
 A83-16664 # p 179  
 A83-16667 # p 133  
 A83-16673 # p 169  
 A83-16674 # p 150  
 A83-16676 # p 133  
 A83-16686 # p 133  
 A83-16687 # p 172  
 A83-16688 # p 179  
 A83-16702 # p 161  
 A83-16705 # p 161  
 A83-16706 # p 134  
 A83-16707 # p 134  
 A83-16708 # p 134  
 A83-16714 # p 188  
 A83-16772 # p 158  
 A83-16773 # p 161  
 A83-16774 # p 150  
 A83-16775 # p 134  
 A83-16776 # p 161  
 A83-16781 # p 134  
 A83-16792 # p 134  
 A83-16797 # p 158  
 A83-16816 # p 180  
 A83-16818 # p 150  
 A83-16821 # p 172  
 A83-16828 # p 135  
 A83-16866 # p 140  
 A83-16867 # p 140  
 A83-16872 # p 150  
 A83-16876 # p 158  
 A83-16878 # p 161  
 A83-16880 # p 159  
 A83-16882 # p 135  
 A83-16896 # p 127  
 A83-16897 # p 180  
 A83-16898 # p 180  
 A83-16900 # p 141  
 A83-16926 # p 150  
 A83-16927 # p 169  
 A83-16929 # p 190  
 A83-16931 # p 172  
 A83-16932 # p 150  
 A83-16953 # p 162  
 A83-17125 # p 162  
 A83-17236 # p 162  
 A83-17254 # p 177  
 A83-17276 # p 151  
 A83-17282 # p 180  
 A83-17301 # p 127  
 A83-17302 # p 159  
 A83-17304 # p 141  
 A83-17305 # p 141  
 A83-17311 # p 141  
 A83-17312 # p 141  
 A83-17314 # p 189  
 A83-17316 # p 180  
 A83-17317 # p 135  
 A83-17408 # p 135  
 A83-17412 # p 135  
 A83-17413 # p 135  
 A83-17532 # p 180  
 A83-17724 # p 180  
 A83-17726 # p 141  
 A83-17727 # p 142  
 A83-17728 # p 142  
 A83-17729 # p 142  
 A83-17730 # p 142

A83-17731 # p 142  
 A83-17733 # p 142  
 A83-17734 # p 142  
 A83-17735 # p 143  
 A83-17847 # p 135  
 A83-17902 # p 136  
 A83-17905 # p 136  
 A83-17915 # p 151  
 A83-17922 # p 169  
 A83-18068 # p 151  
 A83-18074 # p 151  
 A83-18075 # p 127  
 A83-18147 # p 162  
 A83-18148 # p 151  
 A83-18213 # p 162  
 A83-18270 # p 172  
 A83-18271 # p 173  
 A83-18272 # p 173  
 A83-18273 # p 173  
 A83-18274 # p 173  
 A83-18373 # p 173  
 A83-18376 # p 151  
 A83-18377 # p 151  
 A83-18378 # p 143  
 A83-18379 # p 169  
 A83-18380 # p 151  
 A83-18391 # p 152  
 A83-18382 # p 152  
 A83-18383 # p 181  
 A83-18384 # p 127  
 A83-18385 # p 169  
 A83-18386 # p 181  
 A83-18387 # p 152  
 A83-18393 # p 190  
 A83-18397 # p 190  
 A83-18398 # p 152  
 A83-18401 # p 169  
 A83-18402 # p 152  
 A83-18403 # p 138  
 A83-18404 # p 136  
 A83-18405 # p 136  
 A83-18406 # p 162  
 A83-18407 # p 173  
 A83-18410 # p 136  
 A83-18413 # p 188  
 A83-18414 # p 190  
 A83-18415 # p 138  
 A83-18426 # p 136  
 A83-18427 # p 173  
 A83-18428 # p 181  
 A83-18429 # p 173  
 A83-18430 # p 152  
 A83-18434 # p 174  
 A83-18435 # p 152  
 A83-18596 # p 181  
 A83-18627 # p 143  
 A83-18632 # p 143  
 A83-18643 # p 181  
 A83-18645 # p 143  
 A83-18646 # p 143  
 A83-18647 # p 144  
 A83-18672 # p 144  
 A83-18679 # p 181  
 A83-18682 # p 144  
 A83-18692 # p 181  
 A83-18725 # p 182  
 A83-18808 # p 127  
 A83-18821 # p 162  
 A83-18822 # p 144  
 A83-18823 # p 153  
 A83-18925 # p 153  
 A83-18948 # p 162  
 A83-18949 # p 163  
 A83-18950 # p 177  
 A83-18963 # p 128  
 A83-18996 # p 188  
 A83-19025 # p 163  
 A83-19026 # p 144  
 A83-19031 # p 169  
 A83-19033 # p 189  
 A83-19039 # p 144  
 A83-19102 # p 177  
 A83-19150 # p 138  
 A83-19177 # p 159  
 A83-19312 # p 182  
 A83-19313 # p 182  
 A83-19314 # p 182  
 A83-19385 # p 163  
 A83-19410 # p 128  
 A83-19411 # p 153  
 A83-19412 # p 136  
 A83-19414 # p 174  
 A83-19450 # p 153  
 A83-19579 # p 153  
 A83-19582 # p 137  
 A83-19584 # p 139

A83-19590 # p 137  
 A83-19591 # p 137  
 A83-19593 # p 163  
 A83-19594 # p 153  
 A83-19595 # p 163  
 A83-19620 # p 182  
 A83-19622 # p 169  
 A83-19661 # p 202  
 A83-19663 # p 217  
 A83-19664 # p 218  
 A83-19666 # p 210  
 A83-19667 # p 188  
 A83-19674 # p 228  
 A83-19711 # p 228  
 A83-19777 # p 199  
 A83-19779 # p 199  
 A83-19804 # p 228  
 A83-19808 # p 237  
 A83-19810 # p 237  
 A83-19811 # p 237  
 A83-19813 # p 237  
 A83-19814 # p 237  
 A83-19821 # p 228  
 A83-19846 # p 222  
 A83-19949 # p 218  
 A83-20074 # p 215  
 A83-20082 # p 222  
 A83-20144 # p 215  
 A83-20288 # p 228  
 A83-20289 # p 235  
 A83-20364 # p 237  
 A83-20379 # p 229  
 A83-20381 # p 185  
 A83-20384 # p 229  
 A83-20390 # p 208  
 A83-20392 # p 202  
 A83-20398 # p 235  
 A83-20400 # p 188  
 A83-20429 # p 222  
 A83-20432 # p 185  
 A83-20442 # p 222  
 A83-20448 # p 222  
 A83-20464 # p 202  
 A83-20478 # p 185  
 A83-20479 # p 185  
 A83-20480 # p 185  
 A83-20481 # p 222  
 A83-20484 # p 222  
 A83-20485 # p 186  
 A83-20493 # p 186  
 A83-20496 # p 203  
 A83-20497 # p 223  
 A83-20499 # p 223  
 A83-20500 # p 229  
 A83-20507 # p 186  
 A83-20598 # p 203  
 A83-20599 # p 203  
 A83-20600 # p 203  
 A83-20646 # p 186  
 A83-20647 # p 239  
 A83-20788 # p 196  
 A83-20849 # p 208  
 A83-20913 # p 218  
 A83-20962 # p 229  
 A83-21001 # p 186  
 A83-21002 # p 215  
 A83-21005 # p 203  
 A83-21006 # p 215  
 A83-21007 # p 229  
 A83-21014 # p 223  
 A83-21016 # p 189  
 A83-21017 # p 203  
 A83-21019 # p 199  
 A83-21021 # p 189  
 A83-21022 # p 189  
 A83-21024 # p 189  
 A83-21025 # p 204  
 A83-21032 # p 204  
 A83-21033 # p 204  
 A83-21034 # p 199  
 A83-21048 # p 223  
 A83-21079 # p 210  
 A83-21080 # p 189  
 A83-21160 # p 215  
 A83-21348 # p 229  
 A83-21349 # p 204  
 A83-21350 # p 210  
 A83-21448 # p 229  
 A83-21454 # p 223  
 A83-21459 # p 230  
 A83-21461 # p 230  
 A83-21467 # p 223  
 A83-21470 # p 224  
 A83-21481 # p 224  
 A83-21493 # p 224  
 A83-21547 # p 239

A83-21574 # p 204  
 A83-21654 # p 230  
 A83-21757 # p 224  
 A83-21771 # p 204  
 A83-21796 # p 230  
 A83-21799 # p 230  
 A83-21802 # p 224  
 A83-21876 # p 196  
 A83-21877 # p 196  
 A83-21878 # p 196  
 A83-22019 # p 224  
 A83-22027 # p 230  
 A83-22072 # p 189  
 A83-22076 # p 216  
 A83-22093 # p 189  
 A83-22128 # p 237  
 A83-22132 # p 190  
 A83-22138 # p 190  
 A83-22151 # p 230  
 A83-22152 # p 190  
 A83-22153 # p 190  
 A83-22154 # p 211  
 A83-22155 # p 204  
 A83-22156 # p 211  
 A83-22157 # p 196  
 A83-22158 # p 218  
 A83-22159 # p 211  
 A83-22160 # p 216  
 A83-22161 # p 237  
 A83-22162 # p 190  
 A83-22163 # p 208  
 A83-22164 # p 216  
 A83-22166 # p 224  
 A83-22175 # p 196  
 A83-22263 # p 224  
 A83-22268 # p 231  
 A83-22319 # p 231  
 A83-22357 # p 197  
 A83-22410 # p 231  
 A83-22492 # p 208  
 A83-22494 # p 211  
 A83-22495 # p 218  
 A83-22502 # p 208  
 A83-22521 # p 208  
 A83-22523 # p 199  
 A83-22574 # p 186  
 A83-22575 # p 186  
 A83-22576 # p 200  
 A83-22577 # p 186  
 A83-22578 # p 209  
 A83-22588 # p 190  
 A83-22590 # p 209  
 A83-22591 # p 200  
 A83-22595 # p 225  
 A83-22596 # p 231  
 A83-22647 # p 190  
 A83-22651 # p 211  
 A83-22652 # p 211  
 A83-22653 # p 211  
 A83-22654 # p 211  
 A83-22655 # p 211  
 A83-22656 # p 212  
 A83-22657 # p 221  
 A83-22658 # p 212  
 A83-22703 # p 234  
 A83-22726 # p 200  
 A83-22727 # p 200  
 A83-22737 # p 200  
 A83-22824 # p 200  
 A83-22825 # p 235  
 A83-22832 # p 231  
 A83-22833 # p 218  
 A83-22834 # p 231  
 A83-22835 # p 219  
 A83-22836 # p 219  
 A83-22841 # p 209  
 A83-22875 # p 219  
 A83-22882 # p 209  
 A83-22883 # p 232  
 A83-22886 # p 232  
 A83-22976 # p 197  
 A83-23138 # p 225  
 A83-23142 # p 212  
 A83-23149 # p 232  
 A83-23175 # p 212  
 A83-23220 # p 204  
 A83-23221 # p 232  
 A83-23222 # p 216  
 A83-23239 # p 212  
 A83-23240 # p 219  
 A83-23241 # p 219  
 A83-23247 # p 205  
 A83-23248 # p 232  
 A83-23249 # p 205  
 A83-23329 # p 297  
 A83-23366 # p 297

## ACCESSION NUMBER INDEX

## ACCESSION NUMBER INDEX

## A83-30875

A83-23371 #	p 252	A83-24331 #	p 244	A83-25928* #	p 307	A83-28005* #	p 365	A83-29715 #	p 350
A83-23372 #	p 252	A83-24332 #	p 276	A83-25931 #	p 307	A83-28006* #	p 337	A83-29718 #	p 350
A83-23373 #	p 247	A83-24333 #	p 305	A83-25932 #	p 279	A83-28007 #	p 365	A83-29730 #	p 368
A83-23374 #	p 268	A83-24374 #	p 269	A83-25933* #	p 264	A83-28008* #	p 365	A83-29736* #	p 350
A83-23414 #	p 252	A83-24375 #	p 253	A83-25934* #	p 307	A83-28009* #	p 365	A83-29737* #	p 338
A83-23430 #	p 272	A83-24424 #	p 285	A83-25945* #	p 280	A83-28010* #	p 366	A83-29741* #	p 355
A83-23433 #	p 272	A83-24425 #	p 242	A83-25946 #	p 280	A83-28011* #	p 366	A83-29747 #	p 355
A83-23434 #	p 272	A83-24426 #	p 262	A83-25947* #	p 280	A83-28013 #	p 326	A83-29751 #	p 355
A83-23436 #	p 273	A83-24427 #	p 285	A83-25948 #	p 280	A83-28016* #	p 366	A83-29763 #	p 355
A83-23437 #	p 273	A83-24428 #	p 269	A83-25949 #	p 307	A83-28019 #	p 337	A83-29766* #	p 355
A83-23440 #	p 273	A83-24429 #	p 285	A83-25956 #	p 280	A83-28021* #	p 366	A83-29769 #	p 356
A83-23442 #	p 273	A83-24430* #	p 262	A83-25957* #	p 280	A83-28023* #	p 366	A83-29772 #	p 328
A83-23443 #	p 273	A83-24434 #	p 285	A83-25958 #	p 281	A83-28164 #	p 321	A83-29775 #	p 356
A83-23445 #	p 273	A83-24435 #	p 253	A83-25959* #	p 281	A83-28178 #	p 321	A83-29777 #	p 338
A83-23446 #	p 273	A83-24436 #	p 285	A83-25962 #	p 307	A83-28180 #	p 326	A83-29780* #	p 328
A83-23494 #	p 252	A83-24648 #	p 298	A83-25963* #	p 281	A83-28183 #	p 340	A83-29782* #	p 329
A83-23495 #	p 253	A83-24650 #	p 285	A83-25964 #	p 264	A83-28185* #	p 327	A83-29789 #	p 351
A83-23515 #	p 274	A83-24669* #	p 276	A83-25965 #	p 264	A83-28186* #	p 366	A83-29790 #	p 351
A83-23527 #	p 268	A83-24677 #	p 276	A83-25966* #	p 307	A83-28191 #	p 327	A83-29796 #	p 356
A83-23531 #	p 268	A83-24719 #	p 298	A83-26107 #	p 281	A83-28192 #	p 327	A83-29805* #	p 356
A83-23535 #	p 268	A83-24779 #	p 253	A83-26127 #	p 290	A83-28193 #	p 327	A83-29806* #	p 329
A83-23536 #	p 268	A83-24815 #	p 285	A83-26128 #	p 290	A83-28194 #	p 317	A83-29807 #	p 334
A83-23596* #	p 298	A83-24826 #	p 276	A83-26130 #	p 290	A83-28477 #	p 354	A83-29808 #	p 356
A83-23602 #	p 241	A83-24827 #	p 276	A83-26131 #	p 290	A83-28478 #	p 350	A83-29814 #	p 356
A83-23615 #	p 293	A83-24828 #	p 277	A83-26132 #	p 290	A83-28507 #	p 354	A83-29822* #	p 357
A83-23616 #	p 294	A83-24829 #	p 277	A83-26133 #	p 290	A83-28510 #	p 337	A83-29823* #	p 357
A83-23642 #	p 294	A83-24830 #	p 277	A83-26199 #	p 296	A83-28510 #	p 337	A83-29824* #	p 357
A83-23643 #	p 294	A83-24831 #	p 277	A83-26261 #	p 257	A83-28594 #	p 321	A83-29825* #	p 312
A83-23645 #	p 260	A83-24832* #	p 298	A83-26262 #	p 257	A83-28595 #	p 321	A83-29836 #	p 313
A83-23676 #	p 289	A83-24833 #	p 298	A83-26263 #	p 257	A83-28596 #	p 321	A83-29844* #	p 329
A83-23679 #	p 261	A83-24834* #	p 277	A83-26264 #	p 257	A83-28597 #	p 321	A83-29846* #	p 346
A83-23685 #	p 241	A83-24835 #	p 299	A83-26266 #	p 257	A83-28634 #	p 354	A83-29847 #	p 357
A83-23686 #	p 241	A83-24836 #	p 277	A83-26309 #	p 269	A83-28647 #	p 361	A83-29848* #	p 357
A83-23706 #	p 298	A83-24837 #	p 278	A83-26312 #	p 269	A83-28649 #	p 321	A83-29849* #	p 313
A83-23708* #	p 305	A83-24838 #	p 278	A83-26313 #	p 269	A83-28667 #	p 337	A83-29850* #	p 329
A83-23849* #	p 294	A83-24839 #	p 278	A83-26314 #	p 270	A83-28700 #	p 322	A83-29853 #	p 329
A83-23850 #	p 241	A83-24840 #	p 278	A83-26318 #	p 299	A83-28775 #	p 350	A83-29855 #	p 318
A83-23877 #	p 294	A83-24841 #	p 278	A83-26420 #	p 299	A83-28776 #	p 322	A83-29856 #	p 338
A83-23920 #	p 298	A83-24842 #	p 278	A83-26448 #	p 308	A83-28779* #	p 322	A83-29857 #	p 357
A83-23931 #	p 294	A83-24851 #	p 254	A83-26449* #	p 308	A83-28781* #	p 322	A83-29860* #	p 329
A83-24026* #	p 274	A83-24852 #	p 254	A83-26450* #	p 308	A83-28782 #	p 354	A83-29864 #	p 330
A83-24028* #	p 274	A83-24853 #	p 254	A83-26471 #	p 299	A83-28784 #	p 322	A83-29865* #	p 330
A83-24029* #	p 274	A83-24854 #	p 254	A83-26476 #	p 257	A83-28785 #	p 322	A83-29866* #	p 330
A83-24030 #	p 261	A83-24855 #	p 254	A83-26477 #	p 286	A83-28787 #	p 323	A83-29867 #	p 313
A83-24031 #	p 284	A83-24856 #	p 254	A83-26478 #	p 286	A83-28788 #	p 323	A83-29868* #	p 330
A83-24033 #	p 274	A83-24857 #	p 255	A83-26480 #	p 258	A83-28789 #	p 323	A83-29869 #	p 341
A83-24034* #	p 305	A83-24859 #	p 269	A83-26481 #	p 248	A83-28790 #	p 323	A83-29870 #	p 341
A83-24035 #	p 294	A83-24860 #	p 255	A83-26482 #	p 258	A83-28791 #	p 323	A83-29874 #	p 358
A83-24037 #	p 304	A83-24861 #	p 255	A83-26483 #	p 286	A83-28813 #	p 327	A83-29876* #	p 330
A83-24038* #	p 274	A83-24862 #	p 255	A83-26484 #	p 264	A83-28832* #	p 346	A83-29877 #	p 331
A83-24039 #	p 243	A83-24863 #	p 255	A83-26485 #	p 258	A83-28899* #	p 317	A83-29878 #	p 331
A83-24040 #	p 253	A83-24864 #	p 255	A83-26486 #	p 258	A83-28951 #	p 312	A83-29879 #	p 358
A83-24049 #	p 298	A83-26487 #	p 255	A83-26487 #	p 300	A83-28952* #	p 346	A83-29883 #	p 313
A83-24151 #	p 241	A83-26488 #	p 269	A83-26503 #	p 286	A83-28957* #	p 367	A83-29885 #	p 358
A83-24152 #	p 242	A83-24869 #	p 255	A83-26544 #	p 286	A83-28966 #	p 354	A83-29887 #	p 358
A83-24153 #	p 242	A83-24870 #	p 256	A83-26559 #	p 287	A83-28970 #	p 312	A83-29888 #	p 341
A83-24155 #	p 261	A83-24871 #	p 256	A83-26600 #	p 287	A83-29011 #	p 337	A83-29927* #	p 313
A83-24156 #	p 284	A83-24872 #	p 256	A83-26601 #	p 287	A83-29012* #	p 312	A83-29950* #	p 367
A83-24157 #	p 261	A83-24873 #	p 256	A83-26602 #	p 258	A83-29014 #	p 337	A83-29966 #	p 318
A83-24158 #	p 247	A83-24874 #	p 256	A83-26603 #	p 287	A83-29015 #	p 327	A83-29967 #	p 318
A83-24159 #	p 284	A83-24875 #	p 256	A83-26604* #	p 287	A83-29016* #	p 340	A83-29968 #	p 318
A83-24160 #	p 261	A83-24876 #	p 285	A83-26761 #	p 300	A83-29018* #	p 312	A83-29969 #	p 318
A83-24161 #	p 261	A83-24879 #	p 286	A83-26762 #	p 287	A83-29020 #	p 312	A83-29970 #	p 358
A83-24162 #	p 261	A83-24901 #	p 248	A83-26763 #	p 300	A83-29021 #	p 312	A83-29971 #	p 313
A83-24163 #	p 253	A83-25115 #	p 262	A83-26764 #	p 300	A83-29023* #	p 340	A83-30073 #	p 391
A83-24164 #	p 253	A83-25122 #	p 242	A83-26765 #	p 300	A83-29024* #	p 337	A83-30074 #	p 371
A83-24165 #	p 269	A83-25137 #	p 262	A83-26767 #	p 300	A83-29201 #	p 323	A83-30075 #	p 371
A83-24166 #	p 247	A83-25267 #	p 279	A83-26767 #	p 300	A83-29203 #	p 317	A83-30143 #	p 383
A83-24167 #	p 247	A83-25269* #	p 295	A83-26830 #	p 258	A83-29205 #	p 317	A83-30152 #	p 371
A83-24168 #	p 242	A83-25317 #	p 295	A83-26835 #	p 259	A83-29204 #	p 317	A83-30158 #	p 391
A83-24169 #	p 284	A83-25325 #	p 295	A83-26885 #	p 300	A83-29205* #	p 323	A83-30159 #	p 390
A83-24170 #	p 284	A83-25621 #	p 299	A83-26922 #	p 296	A83-29207 #	p 323	A83-30161* #	p 390
A83-24171 #	p 247	A83-25622 #	p 299	A83-26923 #	p 281	A83-29210 #	p 324	A83-30162 #	p 383
A83-24172 #	p 262	A83-25686 #	p 295	A83-26929 #	p 259	A83-29212 #	p 324	A83-30163 #	p 383
A83-24173 #	p 289	A83-25690* #	p 295	A83-26934 #	p 259	A83-29213 #	p 324	A83-30171 #	p 395
A83-24178* #	p 262	A83-25693* #	p 248	A83-27040 #	p 360	A83-29214 #	p 324	A83-30174 #	p 390
A83-24179 #	p 262	A83-25700 #	p 299	A83-27043 #	p 360	A83-29215 #	p 354	A83-30175 #	p 391
A83-24180 #	p 274	A83-25766 #	p 289	A83-27044 #	p 360	A83-29241 #	p 327	A83-30177 #	p 391
A83-24181 #	p 243	A83-25767 #	p 263	A83-27123 #	p 334	A83-29270 #	p 367	A83-30190 #	p 391
A83-24182 #	p 274	A83-25768 #	p 263	A83-27124 #	p 320	A83-29277 #	p 338	A83-30275 #	p 381
A83-24183 #	p 274	A83-25769 #	p 263	A83-27163 #	p 336	A83-29278 #	p 354	A83-30310 #	p 405
A83-24184 #	p 275	A83-25770 #	p 263	A83-27187 #	p 336	A83-29281 #	p 327	A83-30311 #	p 383
A83-24185 #	p 275	A83-25771 #	p 263	A83-27189 #	p 353	A83-29282 #	p 350	A83-30312 #	p 383
A83-24186 #	p 275	A83-25772 #	p 256	A83-27190 #	p 336	A83-29283 #	p 354	A83-30313 #	p 398
A83-24187 #	p 275	A83-25895 #	p 263	A83-27203 #	p 361	A83-29285 #	p 363	A83-30314 #	p 373
A83-24188 #	p 310	A83-25896 #	p 248	A83-27215 #	p 349	A83-29286 #	p 340	A83-30315 #	p 408
A83-24197 #	p 275	A83-25909 #	p 279	A83-27265 #	p 353	A83-29291 #	p 341	A83-30316 #	p 408
A83-24198 #	p 275	A83-25910* #	p 279	A83-27324 #	p 336	A83-29294 #	p 338	A83-30357 #	p 409
A83-24199 #	p 276	A83-25911* #	p 279	A83-27479 #	p 336	A83-29371 #	p 317	A83-30643 #	p 373
A83-24200 #	p 276	A83-25912* #	p 279	A83-27499* #	p 326	A83-29372 #	p 317	A83-30680 #	p 373
A83-24201 #	p 295	A83-25913 #	p 306	A83-27714 #	p 312	A83-29391 #	p 328	A83-30723 #	p 374
A83-24241 #	p 243	A83-25914 #	p 264	A83-27714 #	p 312	A83-29392 #	p 350	A83-30731 #	p 405
A83-24262* #	p 243	A83-25915* #	p 306	A83-27874 #	p 320	A83-29393 #	p 318	A83-30829 #	p 383
A83-24326* #	p 243	A83-25916* #	p 306	A83-27919 #	p 320	A83-29394 #	p 328	A83-30830 #	p 371
A83-24327 #	p 247	A83-25919 #	p 306	A83-27969 #	p 320	A83-29395 #	p 328	A83-30856 #	p 405
A83-24329 #	p 284	A83-25923* #	p 306	A83-28002 #	p 365	A83-29403 #	p 367	A83-30874 #	p 391
A83-24330 #	p 243	A83-25924* #	p 307	A83-28004* #	p 365	A83-29675 #	p 328	A83-30875 #	p 391
						A83-29696 #	p 355		

## A83-30924

A83-30924 #	p 384	A83-33160 #	p 388	A83-35274 #	p 431	A83-36212 #	p 480	A83-36450 #	p 422
A83-30944 #	p 384	A83-33161 #	p 376	A83-35275 #	p 431	A83-36214 #	p 436	A83-36455 #	p 480
A83-31051 #	p 384	A83-33166 #	p 396	A83-35315 #	p 434	A83-36215 #	p 437	A83-36457 #	p 415
A83-31052 #	p 405	A83-33167 #	p 393	A83-35535 #	p 417	A83-36216 #	p 463	A83-36458 #	p 415
A83-31079 #	p 374	A83-33169 #	p 388	A83-35541 #	p 418	A83-36217 #	p 463	A83-36459 #	p 415
A83-31082 #	p 374	A83-33351 #	p 398	A83-35590 #	p 418	A83-36218 #	p 418	A83-36460 #	p 437
A83-31172 #	p 384	A83-33352 #	p 409	A83-35598 #	p 462	A83-36219 #	p 463	A83-36461 #	p 438
A83-31325 #	p 411	A83-33353 #	p 398	A83-35599 #	p 431	A83-36221 #	p 474	A83-36462 #	p 438
A83-31481 #	p 405	A83-33354 #	p 399	A83-35620 #	p 418	A83-36222 #	p 464	A83-36463 #	p 457
A83-31489 #	p 405	A83-33355 #	p 379	A83-35623 #	p 434	A83-36223 #	p 480	A83-36464 #	p 457
A83-31493 #	p 391	A83-33356 #	p 399	A83-35624 #	p 434	A83-36224 #	p 464	A83-36465 #	p 438
A83-31495 #	p 384	A83-33358 #	p 379	A83-35625 #	p 463	A83-36225 #	p 437	A83-36466 #	p 438
A83-31499 #	p 406	A83-33359 #	p 379	A83-35675 #	p 445	A83-36226 #	p 437	A83-36467 #	p 438
A83-31587 #	p 384	A83-33360 #	p 379	A83-35707 #	p 418	A83-36234 #	p 420	A83-36468 #	p 438
A83-31588 #	p 378	A83-33361 #	p 399	A83-35712 #	p 482	A83-36235 #	p 450	A83-36469 #	p 438
A83-31623 #	p 374	A83-33362 #	p 399	A83-35772 #	p 434	A83-36236 #	p 450	A83-36470 #	p 432
A83-31802 #	p 392	A83-33363 #	p 399	A83-35773 #	p 461	A83-36237 #	p 474	A83-36471 #	p 416
A83-31803 #	p 392	A83-33364 #	p 399	A83-35790 #	p 445	A83-36238 #	p 450	A83-36472 #	p 439
A83-31804 #	p 371	A83-33365 #	p 400	A83-35801 #	p 445	A83-36239 #	p 474	A83-36473 #	p 439
A83-31805 #	p 384	A83-33366 #	p 379	A83-35806 #	p 446	A83-36240 #	p 469	A83-36474 #	p 439
A83-31806 #	p 385	A83-33367 #	p 388	A83-35809 #	p 473	A83-36241 #	p 469	A83-36612 #	p 457
A83-31812 #	p 385	A83-33368 #	p 379	A83-35810 #	p 473	A83-36242 #	p 470	A83-36613 #	p 444
A83-31813 #	p 371	A83-33369 #	p 380	A83-35811 #	p 468	A83-36244 #	p 450	A83-36625 #	p 432
A83-31821 #	p 385	A83-33370 #	p 380	A83-35812 #	p 446	A83-36250 #	p 450	A83-36625 #	p 432
A83-31822 #	p 385	A83-33371 #	p 380	A83-35813 #	p 446	A83-36251 #	p 451	A83-36791 #	p 458
A83-31923 #	p 413	A83-33372 #	p 411	A83-35820 #	p 446	A83-36252 #	p 451	A83-36792 #	p 458
A83-31939 #	p 385	A83-33373 #	p 376	A83-35821 #	p 469	A83-36253 #	p 451	A83-36793 #	p 458
A83-31940 #	p 385	A83-33486 #	p 481	A83-35822 #	p 469	A83-36254 #	p 451	A83-36794 #	p 475
A83-31941 #	p 386	A83-33487 #	p 481	A83-35828 #	p 418	A83-36258 #	p 420	A83-36910 #	p 475
A83-31975 #	p 374	A83-33505 #	p 482	A83-35829 #	p 446	A83-36259 #	p 420	A83-36911 #	p 428
A83-32075 #	p 406	A83-33506 #	p 433	A83-35830 #	p 446	A83-36260 #	p 451	A83-36912 #	p 458
A83-32077 #	p 403	A83-33507 #	p 472	A83-35831 #	p 446	A83-36261 #	p 451	A83-36913 #	p 422
A83-32175 #	p 398	A83-33545 #	p 428	A83-35832 #	p 446	A83-36277 #	p 475	A83-36914 #	p 416
A83-32340 #	p 403	A83-33546 #	p 433	A83-35833 #	p 446	A83-36282 #	p 452	A83-36915 #	p 439
A83-32387 #	p 406	A83-33548 #	p 433	A83-35839 #	p 447	A83-36284 #	p 452	A83-36916 #	p 422
A83-32398 #	p 386	A83-33613 #	p 480	A83-35838 #	p 418	A83-36285 #	p 437	A83-36917 #	p 422
A83-32425 #	p 395	A83-33621 #	p 433	A83-35839 #	p 418	A83-36286 #	p 452	A83-36918 #	p 439
A83-32449 #	p 406	A83-33622 #	p 415	A83-35841 #	p 447	A83-36287 #	p 420	A83-36919 #	p 439
A83-32475 #	p 386	A83-33625 #	p 428	A83-35842 #	p 447	A83-36291 #	p 420	A83-36920 #	p 423
A83-32514 #	p 374	A83-33627 #	p 433	A83-35843 #	p 447	A83-36292 #	p 421	A83-36921 #	p 439
A83-32576 #	p 386	A83-33628 #	p 433	A83-35846 #	p 447	A83-36293 #	p 452	A83-36922 #	p 423
A83-32577 #	p 386	A83-33629 #	p 434	A83-35847 #	p 447	A83-36294 #	p 452	A83-36923 #	p 423
A83-32578 #	p 386	A83-33650 #	p 472	A83-35848 #	p 447	A83-36295 #	p 452	A83-36924 #	p 423
A83-32579 #	p 386	A83-33676 #	p 428	A83-35849 #	p 448	A83-36296 #	p 453	A83-36925 #	p 458
A83-32580 #	p 386	A83-33772 #	p 417	A83-35850 #	p 463	A83-36297 #	p 453	A83-36951 #	p 429
A83-32581 #	p 386	A83-33900 #	p 460	A83-35851 #	p 419	A83-36298 #	p 453	A83-36952 #	p 429
A83-32582 #	p 386	A83-33951 #	p 467	A83-35852 #	p 419	A83-36299 #	p 453	A83-36953 #	p 429
A83-32583 #	p 374	A83-33952 #	p 434	A83-35853 #	p 419	A83-36300 #	p 453	A83-36954 #	p 429
A83-32584 #	p 375	A83-33953 #	p 468	A83-35854 #	p 448	A83-36301 #	p 453	A83-36955 #	p 416
A83-32585 #	p 398	A83-33954 #	p 468	A83-35856 #	p 448	A83-36302 #	p 453	A83-37061 #	p 529
A83-32586 #	p 406	A83-33955 #	p 468	A83-35858 #	p 448	A83-36303 #	p 444	A83-37062 #	p 511
A83-32587 #	p 392	A83-33964 #	p 472	A83-35859 #	p 448	A83-36304 #	p 454	A83-37063 #	p 516
A83-32588 #	p 386	A83-33972 #	p 417	A83-35862 #	p 473	A83-36305 #	p 454	A83-37064 #	p 544
A83-32589 #	p 386	A83-33974 #	p 472	A83-35863 #	p 463	A83-36316 #	p 454	A83-37065 #	p 544
A83-32599 #	p 403	A83-34170 #	p 472	A83-35865 #	p 448	A83-36322 #	p 454	A83-37066 #	p 544
A83-32651 #	p 406	A83-34253 #	p 445	A83-35866 #	p 448	A83-36323 #	p 454	A83-37067 #	p 511
A83-32783 #	p 386	A83-34311 #	p 472	A83-35868 #	p 419	A83-36324 #	p 421	A83-37068 #	p 570
A83-32785 #	p 387	A83-34312 #	p 434	A83-35869 #	p 449	A83-36325 #	p 444	A83-37069 #	p 544
A83-32787 #	p 392	A83-34315 #	p 473	A83-35870 #	p 449	A83-36326 #	p 444	A83-37070 #	p 567
A83-32788 #	p 406	A83-34329 #	p 462	A83-35871 #	p 449	A83-36327 #	p 444	A83-37071 #	p 531
A83-32790 #	p 403	A83-34472 #	p 473	A83-35872 #	p 449	A83-36328 #	p 444	A83-37072 #	p 567
A83-32791 #	p 392	A83-34475 #	p 484	A83-35873 #	p 419	A83-36329 #	p 455	A83-37073 #	p 567
A83-32792 #	p 392	A83-34500 #	p 468	A83-35874 #	p 419	A83-36330 #	p 455	A83-37103 #	p 511
A83-32797 #	p 406	A83-34501 #	p 468	A83-35875 #	p 419	A83-36331 #	p 455	A83-37104 #	p 568
A83-32926 #	p 372	A83-34744 #	p 473	A83-35879 #	p 449	A83-36332 #	p 455	A83-37105 #	p 568
A83-32927 #	p 398	A83-34849 #	p 467	A83-35880 #	p 449	A83-36333 #	p 455	A83-37106 #	p 568
A83-32928 #	p 398	A83-34851 #	p 484	A83-35881 #	p 449	A83-36334 #	p 455	A83-37107 #	p 511
A83-32929 #	p 387	A83-34852 #	p 484	A83-35882 #	p 450	A83-36335 #	p 464	A83-37108 #	p 511
A83-32930 #	p 387	A83-34853 #	p 484	A83-35883 #	p 450	A83-36336 #	p 475	A83-37109 #	p 511
A83-32931 #	p 387	A83-34854 #	p 460	A83-35884 #	p 474	A83-36337 #	p 421	A83-37110 #	p 511
A83-32932 #	p 387	A83-34855 #	p 484	A83-35885 #	p 435	A83-36338 #	p 464	A83-37111 #	p 512
A83-32933 #	p 387	A83-34856 #	p 484	A83-35886 #	p 435	A83-36339 #	p 455	A83-37112 #	p 512
A83-32934 #	p 395	A83-34857 #	p 485	A83-35887 #	p 435	A83-36340 #	p 421	A83-37113 #	p 516
A83-32935 #	p 396	A83-34858 #	p 485	A83-35888 #	p 435	A83-36341 #	p 421	A83-37114 #	p 516
A83-32936 #	p 378	A83-34859 #	p 485	A83-35889 #	p 435	A83-36342 #	p 421	A83-37115 #	p 516
A83-32937 #	p 388	A83-34860 #	p 485	A83-35890 #	p 435	A83-36343 #	p 421	A83-37116 #	p 512
A83-32961 #	p 407	A83-34861 #	p 485	A83-35891 #	p 435	A83-36344 #	p 421	A83-37117 #	p 512
A83-32967 #	p 407	A83-34862 #	p 485	A83-35892 #	p 435	A83-36345 #	p 421	A83-37118 #	p 492
A83-32977 #	p 375	A83-34864 #	p 485	A83-35893 #	p 435	A83-36346 #	p 421	A83-37119 #	p 492
A83-32982 #	p 375	A83-35039 #	p 445	A83-35894 #	p 435	A83-36347 #	p 421	A83-37120 #	p 492
A83-32986 #	p 375	A83-35040 #	p 473	A83-35895 #	p 435	A83-36348 #	p 421	A83-37121 #	p 555
A83-33002 #	p 375	A83-35052 #	p 485	A83-35896 #	p 435	A83-36349 #	p 421	A83-37122 #	p 555
A83-33003 #	p 375	A83-35053 #	p 485	A83-35897 #	p 435	A83-36350 #	p 421	A83-37123 #	p 555
A83-33004 #	p 375	A83-35054 #	p 486	A83-35898 #	p 435	A83-36351 #	p 421	A83-37124 #	p 555
A83-33005 #	p 375	A83-35055 #	p 486	A83-35899 #	p 435	A83-36352 #	p 421	A83-37125 #	p 531
A83-33006 #	p 396	A83-35056 #	p 486	A83-35900 #	p 435	A83-36353 #	p 421	A83-37126 #	p 570
A83-33007 #	p 396	A83-35057 #	p 486	A83-35901 #	p 435	A83-36354 #	p 421	A83-37127 #	p 492
A83-33024 #	p 411	A83-35058 #	p 486	A83-35902 #	p 435	A83-36355 #	p 421	A83-37128 #	p 492
A83-33090 #	p 375	A83-35059 #	p 486	A83-35903 #	p 435	A83-36356 #	p 421	A83-37129 #	p 492
A83-33095 #	p 372	A83-35062 #	p 486	A83-35904 #	p 435	A83-36357 #	p 421	A83-37130 #	p 492
A83-33096 #	p 396	A83-35087 #	p 430	A83-35905 #	p 435	A83-36358 #	p 421	A83-37131 #	p 492
A83-33097 #	p 372	A83-35088 #	p 430	A83-35906 #	p 435	A83-36359 #	p 421	A83-37132 #	p 492
A83-33098 #	p 388	A83-35089 #	p 430	A83-35907 #	p 435	A83-36360 #	p 421	A83-37133 #	p 492
A83-33122 #	p 403	A83-35090 #	p 431	A83-35908 #	p 435	A83-36361 #	p 421	A83-37134 #	p 492
A83-33149 #	p 407	A83-35121 #	p 460	A83-35909 #	p 435	A83-36362 #	p 421	A83-37135 #	p 492
A83-33159 #	p 392	A83-35138 #	p 434	A83-35910 #	p 435	A83-36363 #	p 421	A83-37136 #	p 492
		A83-35192 #	p 431	A83-35911 #	p 435	A83-36364 #	p 421	A83-37137 #	p 492
		A83-35247 #	p 468	A83-35912 #	p 435	A83-36365 #	p 421	A83-37138 #	p 492
		A83-35273 #	p 431	A83-35913 #	p 435	A83-36366 #	p 421	A83-37139 #	p 492
				A83-35914 #	p 435	A83-36367 #	p 421	A83-37140 #	p 492
				A83-35915 #	p 435	A83-36368 #	p 421	A83-37141 #	p 492
				A83-35916 #	p 435	A83-36369 #	p 421	A83-37142 #	p 492
				A83-35917 #	p 435	A83-36370 #	p 421	A83-37143 #	p 492
				A83-35918 #	p 435	A83-36371 #	p 421	A83-37144 #	p 492
				A83-35919 #	p 435	A83-36372 #	p 421	A83-37145 #	p 492
				A83-35920 #	p 435	A83-36373			



## ACCESSION NUMBER INDEX

## A83-42544

A83-37512 #	p 510	A83-38078 #	p 519	A83-38917 #	p 522	A83-40455 #	p 573	A83-41715* #	p 596
A83-37513 #	p 556	A83-38079* #	p 519	A83-38918 #	p 522	A83-40456 #	p 573	A83-41716 #	p 622
A83-37514 #	p 556	A83-38080* #	p 496	A83-38919 #	p 522	A83-40471 #	p 559	A83-41717* #	p 591
A83-37515 #	p 556	A83-38081 #	p 535	A83-38920 #	p 523	A83-40472* #	p 503	A83-41718 #	p 591
A83-37516 #	p 556	A83-38102 #	p 519	A83-38921 #	p 509	A83-40473 #	p 503	A83-41719 #	p 592
A83-37517 #	p 557	A83-38103 #	p 547	A83-38922 #	p 523	A83-40605 #	p 559	A83-41728* #	p 622
A83-37518 #	p 493	A83-38104 #	p 535	A83-38923 #	p 523	A83-40619 #	p 548	A83-41738 #	p 622
A83-37519 #	p 493	A83-38105 #	p 547	A83-38931 #	p 509	A83-40620 #	p 548	A83-41739* #	p 622
A83-37520 #	p 493	A83-38329 #	p 519	A83-38932 #	p 512	A83-40621 #	p 526	A83-41740 #	p 623
A83-37521 #	p 493	A83-38347 #	p 558	A83-38934 #	p 513	A83-40622 #	p 526	A83-41759 #	p 650
A83-37532 #	p 494	A83-38470 #	p 519	A83-38935 #	p 513	A83-40623 #	p 514	A83-41760* #	p 650
A83-37533 #	p 494	A83-38471 #	p 512	A83-38937 #	p 513	A83-40624 #	p 526	A83-41761 #	p 650
A83-37535 #	p 570	A83-38626* #	p 496	A83-38950 #	p 523	A83-40665 #	p 650	A83-41762 #	p 592
A83-37551 #	p 494	A83-38627 #	p 496	A83-39043 #	p 572	A83-40674 #	p 639	A83-41765 #	p 623
A83-37552 #	p 494	A83-38630 #	p 535	A83-39044 #	p 572	A83-40675 #	p 639	A83-41806 #	p 578
A83-37553 #	p 494	A83-38631 #	p 496	A83-39045 #	p 572	A83-40757 #	p 639	A83-41850 #	p 613
A83-37559 #	p 494	A83-38632* #	p 496	A83-39075 #	p 551	A83-40758 #	p 639	A83-41879 #	p 578
A83-37562 #	p 494	A83-38633 #	p 497	A83-39099 #	p 502	A83-40759 #	p 589	A83-41891 #	p 640
A83-37570 #	p 510	A83-38638 #	p 497	A83-39101 #	p 535	A83-40864* #	p 612	A83-41901 #	p 596
A83-37626 #	p 495	A83-38639 #	p 497	A83-39102 #	p 523	A83-40865 #	p 612	A83-41902* #	p 578
A83-37638 #	p 557	A83-38643 #	p 497	A83-39103 #	p 545	A83-40873 #	p 639	A83-41903 #	p 596
A83-37640 #	p 495	A83-38644* #	p 497	A83-39104 #	p 547	A83-40880 #	p 589	A83-41904* #	p 623
A83-37642 #	p 557	A83-38647 #	p 497	A83-39106 #	p 558	A83-40881 #	p 618	A83-41905* #	p 623
A83-37644 #	p 557	A83-38648* #	p 497	A83-39118 #	p 566	A83-40884 #	p 618	A83-41906 #	p 623
A83-37731 #	p 495	A83-38649 #	p 498	A83-39120 #	p 566	A83-40885 #	p 634	A83-41907* #	p 623
A83-37802 #	p 495	A83-38653* #	p 498	A83-39169 #	p 535	A83-41025 #	p 634	A83-41908 #	p 624
A83-37803 #	p 495	A83-38654 #	p 520	A83-39219 #	p 513	A83-41026 #	p 639	A83-41909 #	p 592
A83-37810 #	p 495	A83-38655* #	p 520	A83-39220 #	p 545	A83-41039 #	p 594	A83-41910 #	p 624
A83-37819 #	p 512	A83-38656 #	p 520	A83-39221 #	p 489	A83-41040* #	p 612	A83-41911* #	p 624
A83-37820 #	p 529	A83-38657* #	p 520	A83-39222 #	p 509	A83-41042* #	p 584	A83-41912* #	p 578
A83-37821 #	p 512	A83-38659 #	p 498	A83-39267* #	p 502	A83-41044 #	p 594	A83-41913 #	p 578
A83-37836 #	p 550	A83-38660* #	p 498	A83-39345 #	p 513	A83-41045 #	p 594	A83-41919* #	p 596
A83-37856 #	p 489	A83-38661 #	p 498	A83-39346 #	p 490	A83-41046 #	p 594	A83-41920 #	p 624
A83-37857 #	p 516	A83-38662 #	p 520	A83-39356* #	p 502	A83-41048 #	p 640	A83-41921 #	p 624
A83-37858 #	p 529	A83-38663 #	p 520	A83-39378 #	p 503	A83-41052 #	p 577	A83-41922* #	p 609
A83-37859 #	p 516	A83-38664 #	p 499	A83-39380 #	p 503	A83-41073 #	p 618	A83-41928* #	p 597
A83-37860 #	p 495	A83-38665 #	p 499	A83-39381 #	p 503	A83-41075 #	p 640	A83-41929 #	p 597
A83-37861 #	p 557	A83-38666* #	p 544	A83-39423 #	p 558	A83-41076 #	p 594	A83-41932 #	p 624
A83-37879 #	p 516	A83-38667 #	p 499	A83-39424 #	p 571	A83-41077 #	p 594	A83-41933 #	p 625
A83-37952 #	p 517	A83-38668 #	p 545	A83-39485 #	p 523	A83-41078 #	p 619	A83-41934 #	p 625
A83-37954 #	p 550	A83-38669* #	p 545	A83-39508 #	p 558	A83-41079* #	p 584	A83-41935 #	p 625
A83-37955 #	p 517	A83-38672 #	p 499	A83-39509 #	p 551	A83-41080 #	p 595	A83-41936* #	p 625
A83-37956 #	p 532	A83-38673 #	p 499	A83-39511 #	p 558	A83-41081 #	p 595	A83-41940 #	p 579
A83-37957* #	p 495	A83-38675 #	p 499	A83-39547 #	p 558	A83-41199* #	p 634	A83-41941 #	p 579
A83-37958 #	p 517	A83-38676 #	p 499	A83-39562 #	p 566	A83-41206 #	p 577	A83-41944 #	p 651
A83-37959 #	p 529	A83-38677* #	p 500	A83-39620* #	p 559	A83-41226 #	p 590	A83-41945 #	p 625
A83-37960 #	p 507	A83-38678 #	p 500	A83-39696 #	p 572	A83-41228 #	p 590	A83-41946* #	p 597
A83-37963 #	p 532	A83-38679* #	p 521	A83-39698 #	p 572	A83-41266 #	p 578	A83-41947 #	p 575
A83-37964 #	p 532	A83-38680 #	p 500	A83-39801 #	p 490	A83-41310 #	p 590	A83-41948 #	p 597
A83-37965* #	p 517	A83-38683* #	p 489	A83-39802 #	p 524	A83-41320 #	p 595	A83-41949 #	p 625
A83-37966 #	p 532	A83-38684* #	p 521	A83-39803 #	p 524	A83-41467 #	p 584	A83-41950 #	p 626
A83-37967 #	p 507	A83-38685* #	p 500	A83-39804 #	p 524	A83-41477 #	p 650	A83-41951* #	p 626
A83-37968 #	p 517	A83-38686* #	p 521	A83-39805 #	p 524	A83-41482 #	p 612	A83-41952 #	p 597
A83-37969* #	p 517	A83-38687 #	p 500	A83-39806 #	p 524	A83-41484 #	p 619	A83-41953 #	p 579
A83-37972 #	p 532	A83-38688 #	p 521	A83-39807 #	p 530	A83-41492 #	p 612	A83-41954 #	p 579
A83-37973 #	p 533	A83-38689 #	p 500	A83-39808 #	p 524	A83-41528 #	p 590	A83-41956* #	p 626
A83-37974 #	p 533	A83-38690 #	p 501	A83-39809 #	p 530	A83-41531 #	p 590	A83-41957* #	p 579
A83-37975 #	p 533	A83-38691* #	p 501	A83-39810 #	p 513	A83-41532 #	p 608	A83-41958* #	p 597
A83-37976 #	p 517	A83-38692* #	p 501	A83-39811 #	p 524	A83-41533 #	p 609	A83-41959* #	p 598
A83-37978 #	p 517	A83-38693 #	p 501	A83-39812 #	p 514	A83-41534 #	p 630	A83-41960* #	p 598
A83-37979 #	p 558	A83-38700 #	p 521	A83-39813 #	p 514	A83-41585 #	p 648	A83-41961 #	p 626
A83-37980 #	p 533	A83-38746 #	p 564	A83-39814 #	p 514	A83-41596 #	p 613	A83-41962* #	p 598
A83-37981 #	p 557	A83-38748 #	p 501	A83-39815 #	p 536	A83-41659 #	p 650	A83-41963* #	p 598
A83-37982* #	p 518	A83-38749 #	p 564	A83-39816 #	p 548	A83-41660* #	p 595	A83-41968 #	p 626
A83-37983 #	p 518	A83-38750 #	p 565	A83-39817 #	p 525	A83-41661 #	p 619	A83-41983 #	p 640
A83-37984 #	p 518	A83-38751 #	p 565	A83-39818 #	p 525	A83-41662 #	p 590	A83-42099* #	p 585
A83-37985 #	p 557	A83-38760 #	p 565	A83-39822 #	p 530	A83-41663 #	p 590	A83-42100* #	p 579
A83-37986 #	p 533	A83-38761 #	p 565	A83-39823 #	p 530	A83-41664 #	p 650	A83-42126 #	p 613
A83-37987 #	p 533	A83-38762* #	p 565	A83-39838 #	p 490	A83-41665 #	p 591	A83-42127 #	p 613
A83-37989 #	p 518	A83-38764* #	p 565	A83-39872 #	p 566	A83-41666 #	p 591	A83-42128 #	p 598
A83-37990 #	p 518	A83-38765 #	p 566	A83-39939* #	p 566	A83-41667 #	p 630	A83-42129 #	p 613
A83-37991 #	p 518	A83-38766* #	p 558	A83-39941* #	p 490	A83-41668* #	p 575	A83-42130 #	p 613
A83-37992 #	p 518	A83-38776* #	p 568	A83-39991 #	p 559	A83-41669* #	p 619	A83-42132 #	p 613
A83-37993 #	p 519	A83-38785 #	p 568	A83-39993* #	p 536	A83-41675 #	p 619	A83-42133 #	p 614
A83-37994 #	p 533	A83-38798* #	p 501	A83-40008 #	p 503	A83-41678 #	p 619	A83-42138 #	p 614
A83-37995 #	p 534	A83-38803* #	p 502	A83-40129* #	p 551	A83-41679* #	p 620	A83-42139 #	p 614
A83-37996 #	p 534	A83-38804* #	p 569	A83-40130 #	p 551	A83-41680 #	p 620	A83-42140 #	p 614
A83-37997 #	p 534	A83-38810* #	p 569	A83-40131 #	p 551	A83-41681 #	p 591	A83-42144 #	p 640
A83-37998* #	p 496	A83-38869 #	p 535	A83-40158 #	p 559	A83-41683 #	p 620	A83-42146 #	p 614
A83-37999* #	p 519	A83-38875 #	p 551	A83-40159 #	p 559	A83-41684 #	p 591	A83-42150 #	p 614
A83-38000 #	p 544	A83-38901 #	p 489	A83-40215 #	p 551	A83-41686 #	p 595	A83-42151 #	p 614
A83-38001* #	p 534	A83-38902* #	p 508	A83-40244 #	p 525	A83-41687 #	p 620	A83-42152 #	p 609
A83-38002 #	p 507	A83-38903 #	p 508	A83-40286 #	p 552	A83-41688 #	p 595	A83-42153 #	p 615
A83-38003 #	p 507	A83-38904 #	p 508	A83-40297 #	p 525	A83-41689 #	p 596	A83-42154 #	p 615
A83-38004 #	p 550	A83-38905 #	p 508	A83-40291 #	p 525	A83-41691 #	p 584	A83-42210* #	p 648
A83-38005 #	p 507	A83-38906 #	p 489	A83-40301 #	p 514	A83-41697 #	p 620	A83-42254* #	p 634
A83-38006 #	p 534	A83-38907* #	p 521	A83-40302 #	p 559	A83-41698 #	p 596	A83-42334 #	p 641
A83-38007 #	p 534	A83-38908 #	p 522	A83-40303 #	p 569	A83-41699 #	p 620	A83-42524 #	p 615
A83-38008 #	p 535	A83-38909 #	p 502	A83-40305 #	p 525	A83-41700 #	p 621	A83-42526 #	p 575
A83-38009 #	p 507	A83-38910 #	p 522	A83-40307 #	p 569	A83-41701 #	p 621	A83-42533 #	p 598
A83-38010 #	p 508	A83-38911 #	p 522	A83-40331 #	p 490	A83-41702* #	p 621	A83-42536 #	p 580
A83-38011 #	p 508	A83-38912 #	p 509	A83-40332 #	p 490	A83-41703* #	p 640	A83-42537 #	p 580
A83-38013 #	p 564	A83-38913 #	p 551	A83-40333 #	p 491	A83-41709* #	p 621	A83-42540 #	p 641
A83-38022* #	p 535	A83-38914 #	p 522	A83-40342 #	p 552	A83-41710 #	p 621	A83-42541 #	p 641
A83-38076 #	p 508	A83-38915 #	p 502	A83-40356 #	p 509	A83-41712* #	p 621	A83-42542 #	p 641
A83-38077 #	p 550	A83-38916 #	p 545	A83-40454* #	p 573	A83-41713 #	p 622	A83-42544 #	p 641
						A83-41714 #	p 622		

## A83-42546

A83-42546 # p 575  
A83-42547 # p 575  
A83-42549 # p 630  
A83-42557 # p 585  
A83-42558 # p 585  
A83-42559 # p 641  
A83-42560 # p 580  
A83-42563 # p 630  
A83-42564 # p 641  
A83-42567 # p 598  
A83-42568 # p 651  
A83-42574 # p 592  
A83-42575 # p 651  
A83-42616 # p 615  
A83-42617 # p 652  
A83-42618 # p 642  
A83-42619 # p 575  
A83-42620 # p 654  
A83-42621 # p 580  
A83-42623 # p 630  
A83-42659 # p 642  
A83-42706 # p 642  
A83-42709 # p 642  
A83-42808 # p 599  
A83-42835 # p 609  
A83-42836 # p 642  
A83-42877 # p 615  
A83-42888 # p 599  
A83-42956 # p 642  
A83-42982 # p 642  
A83-42986 # p 643  
A83-43025\* # p 576  
A83-43030 # p 576  
A83-43033 # p 576  
A83-43034 # p 615  
A83-43239 # p 576  
A83-43316 # p 634  
A83-43317 # p 599  
A83-43318 # p 580  
A83-43319\* # p 580  
A83-43320 # p 599  
A83-43321 # p 626  
A83-43322 # p 599  
A83-43323 # p 609  
A83-43324 # p 626  
A83-43325 # p 529  
A83-43326\* # p 599  
A83-43327\* # p 627  
A83-43328 # p 615  
A83-43329\* # p 580  
A83-43330\* # p 600  
A83-43337 # p 643  
A83-43365 # p 643  
A83-43407 # p 585  
A83-43443\* # p 581  
A83-43454 # p 581  
A83-43522 # p 581  
A83-43641 # p 648  
A83-43673\* # p 600  
A83-43674 # p 600  
A83-43688 # p 643  
A83-43689 # p 627  
A83-43691 # p 643  
A83-43692 # p 643  
A83-43694 # p 615  
A83-43696 # p 592  
A83-43699 # p 651  
A83-43700 # p 600  
A83-43701 # p 600  
A83-43702 # p 600  
A83-43703 # p 600  
A83-43704 # p 601  
A83-43705 # p 601  
A83-43706 # p 601  
A83-43707 # p 601  
A83-43708 # p 609  
A83-43709 # p 616  
A83-43710 # p 601  
A83-43711 # p 616  
A83-43712 # p 609  
A83-43713 # p 592  
A83-43714 # p 592  
A83-43715 # p 601  
A83-43716 # p 601  
A83-43717 # p 602  
A83-43718 # p 593  
A83-43719 # p 616  
A83-43720 # p 610  
A83-43721 # p 610  
A83-43722 # p 593  
A83-43723 # p 593  
A83-43724 # p 630  
A83-43733 # p 643  
A83-43734 # p 602  
A83-43735 # p 616  
A83-43736 # p 602

A83-43740 # p 602  
A83-43741 # p 602  
A83-43742\* # p 585  
A83-43743 # p 602  
A83-43744 # p 585  
A83-43747 # p 603  
A83-43748 # p 654  
A83-43749 # p 654  
A83-43751 # p 603  
A83-43752 # p 635  
A83-43754 # p 644  
A83-43755 # p 651  
A83-43757 # p 644  
A83-43759 # p 603  
A83-43760 # p 603  
A83-43809\* # p 627  
A83-43811 # p 627  
A83-43815 # p 644  
A83-43829 # p 694  
A83-43901 # p 674  
A83-43924 # p 694  
A83-43964 # p 658  
A83-43965 # p 687  
A83-43966 # p 674  
A83-43967 # p 675  
A83-43970\* # p 675  
A83-43971\* # p 667  
A83-43972 # p 675  
A83-43973 # p 675  
A83-43974 # p 694  
A83-44046 # p 695  
A83-44061 # p 691  
A83-44102 # p 704  
A83-44159 # p 669  
A83-44168 # p 691  
A83-44306 # p 688  
A83-44307 # p 689  
A83-44308 # p 683  
A83-44309 # p 683  
A83-44314 # p 659  
A83-44315 # p 687  
A83-44318 # p 667  
A83-44358 # p 659  
A83-44360 # p 659  
A83-44494 # p 670  
A83-44555 # p 659  
A83-44556 # p 659  
A83-44561 # p 659  
A83-44569 # p 659  
A83-44570 # p 675  
A83-44571 # p 689  
A83-44572 # p 660  
A83-44677\* # p 695  
A83-44685 # p 691  
A83-44687 # p 680  
A83-44688 # p 680  
A83-44689 # p 681  
A83-44690 # p 681  
A83-44692 # p 681  
A83-44812 # p 670  
A83-44828 # p 695  
A83-44830 # p 681  
A83-44856\* # p 691  
A83-44872 # p 695  
A83-44874 # p 683  
A83-44875 # p 675  
A83-44876 # p 667  
A83-44877 # p 681  
A83-44878 # p 667  
A83-44879 # p 692  
A83-44880 # p 667  
A83-44948 # p 704  
A83-45029 # p 689  
A83-45076 # p 670  
A83-45077 # p 667  
A83-45078 # p 657  
A83-45079 # p 670  
A83-45322 # p 695  
A83-45326 # p 704  
A83-45401 # p 670  
A83-45420 # p 704  
A83-45460\* # p 670  
A83-45461\* # p 668  
A83-45462\* # p 687  
A83-45470\* # p 675  
A83-45508\* # p 660  
A83-45514 # p 675  
A83-45515\* # p 683  
A83-45517\* # p 706  
A83-45519 # p 660  
A83-45577\* # p 689  
A83-45581 # p 660  
A83-45591\* # p 695  
A83-45594 # p 660  
A83-45600 # p 683

A83-45605 # p 681  
A83-45618\* # p 681  
A83-45808 # p 707  
A83-45829 # p 707  
A83-45831 # p 707  
A83-45832 # p 707  
A83-45836 # p 708  
A83-45842 # p 708  
A83-45843 # p 657  
A83-45844 # p 657  
A83-45845 # p 675  
A83-45846 # p 687  
A83-45848 # p 671  
A83-45849 # p 687  
A83-45850 # p 687  
A83-45863 # p 695  
A83-45864 # p 696  
A83-45866 # p 689  
A83-45867 # p 696  
A83-45868 # p 696  
A83-45869 # p 696  
A83-45871 # p 696  
A83-45872 # p 696  
A83-45875 # p 657  
A83-45900 # p 668  
A83-45980 # p 705  
A83-46111 # p 696  
A83-46281 # p 692  
A83-46307 # p 697  
A83-46338 # p 671  
A83-46346 # p 697  
A83-46347 # p 676  
A83-46349 # p 676  
A83-46350\* # p 676  
A83-46420 # p 668  
A83-46435\* # p 660  
A83-46437\* # p 660  
A83-46438 # p 661  
A83-46455 # p 661  
A83-46465 # p 661  
A83-46466 # p 661  
A83-46482 # p 697  
A83-46483 # p 661  
A83-46484 # p 689  
A83-46485 # p 661  
A83-46489 # p 683  
A83-46492 # p 689  
A83-46495 # p 661  
A83-46499 # p 662  
A83-46500 # p 705  
A83-46639 # p 706  
A83-46640 # p 682  
A83-46691 # p 676  
A83-46769 # p 697  
A83-46776 # p 668  
A83-46810\* # p 692  
A83-46924 # p 676  
A83-46925 # p 657  
A83-46926 # p 676  
A83-46927 # p 668  
A83-46928\* # p 677  
A83-46929 # p 677  
A83-46930 # p 671  
A83-46952 # p 671  
A83-46953 # p 671  
A83-46954 # p 671  
A83-46955 # p 671  
A83-46956 # p 672  
A83-46957 # p 672  
A83-46958 # p 672  
A83-46959 # p 682  
A83-46960 # p 672  
A83-46961 # p 672  
A83-46963 # p 672  
A83-46964 # p 673  
A83-46965 # p 673  
A83-46966 # p 673  
A83-46967 # p 673  
A83-46968 # p 673  
A83-46969 # p 673  
A83-46970 # p 673  
A83-46971 # p 674  
A83-47019 # p 662  
A83-47020 # p 697  
A83-47021 # p 697  
A83-47034 # p 662  
A83-47182 # p 709  
A83-47183 # p 736  
A83-47185 # p 709  
A83-47186 # p 734  
A83-47187 # p 734  
A83-47188 # p 722  
A83-47189 # p 759  
A83-47190 # p 709  
A83-47191 # p 759

A83-47192 # p 724  
A83-47193 # p 722  
A83-47194 # p 736  
A83-47195 # p 724  
A83-47196 # p 725  
A83-47197 # p 752  
A83-47198 # p 709  
A83-47199 # p 722  
A83-47200 # p 722  
A83-47201 # p 750  
A83-47202 # p 736  
A83-47203 # p 760  
A83-47204 # p 709  
A83-47205 # p 710  
A83-47206 # p 760  
A83-47207 # p 752  
A83-47208 # p 752  
A83-47209 # p 752  
A83-47210 # p 725  
A83-47211 # p 710  
A83-47212 # p 750  
A83-47213 # p 750  
A83-47214 # p 710  
A83-47215 # p 725  
A83-47216 # p 725  
A83-47217 # p 737  
A83-47226 # p 752  
A83-47330 # p 755  
A83-47333 # p 755  
A83-47338 # p 755  
A83-47614 # p 760  
A83-47628 # p 769  
A83-47654 # p 710  
A83-47655 # p 722  
A83-47657\* # p 768  
A83-47808\* # p 760  
A83-47879 # p 737  
A83-47881 # p 737  
A83-47888 # p 713  
A83-47889 # p 713  
A83-47893 # p 737  
A83-47894 # p 760  
A83-47898 # p 737  
A83-47900 # p 713  
A83-47901\* # p 713  
A83-47902 # p 737  
A83-47903 # p 738  
A83-47908 # p 738  
A83-47909\* # p 714  
A83-47911 # p 738  
A83-47912 # p 738  
A83-47915 # p 738  
A83-47917 # p 714  
A83-47918 # p 714  
A83-47919 # p 738  
A83-47920 # p 714  
A83-47925 # p 738  
A83-47926 # p 739  
A83-47927 # p 760  
A83-47929 # p 739  
A83-47934 # p 739  
A83-47935 # p 760  
A83-47937 # p 755  
A83-47938 # p 739  
A83-47941\* # p 714  
A83-47942 # p 755  
A83-47943 # p 739  
A83-47944 # p 739  
A83-47950 # p 740  
A83-47951 # p 740  
A83-47958 # p 740  
A83-47959 # p 740  
A83-47960 # p 740  
A83-47963 # p 740  
A83-47964\* # p 741  
A83-47966 # p 741  
A83-47967 # p 741  
A83-47968 # p 761  
A83-47969 # p 741  
A83-47970\* # p 741  
A83-47974 # p 761  
A83-47975 # p 761  
A83-47979 # p 761  
A83-47981 # p 741  
A83-47982 # p 761  
A83-47984 # p 742  
A83-47985 # p 725  
A83-47989 # p 761  
A83-47991 # p 762  
A83-47992 # p 742  
A83-47993 # p 742  
A83-47994 # p 742  
A83-47995 # p 742  
A83-47998 # p 742  
A83-47999 # p 742  
A83-48000\* # p 743

A83-48001 # p 743  
A83-48002\* # p 743  
A83-48003 # p 743  
A83-48005 # p 743  
A83-48006 # p 762  
A83-48007 # p 762  
A83-48008 # p 743  
A83-48011 # p 714  
A83-48012\* # p 715  
A83-48013 # p 744  
A83-48016 # p 744  
A83-48017 # p 762  
A83-48018 # p 744  
A83-48020 # p 762  
A83-48021 # p 762  
A83-48023\* # p 763  
A83-48024 # p 725  
A83-48025\* # p 763  
A83-48026 # p 763  
A83-48027 # p 756  
A83-48029 # p 744  
A83-48030\* # p 763  
A83-48033 # p 726  
A83-48034 # p 756  
A83-48100 # p 726  
A83-48132 # p 715  
A83-48133 # p 715  
A83-48134 # p 715  
A83-48135 # p 753  
A83-48143 # p 715  
A83-48144 # p 715  
A83-48145 # p 715  
A83-48173 # p 744  
A83-48174 # p 744  
A83-48176 # p 719  
A83-48180 # p 719  
A83-48189 # p 756  
A83-48191 # p 769  
A83-48194 # p 769  
A83-48195 # p 769  
A83-48211\* # p 715  
A83-48212\* # p 753  
A83-48213\* # p 726  
A83-48215 # p 744  
A83-48216 # p 753  
A83-48217 # p 753  
A83-48218\* # p 719  
A83-48219 # p 710  
A83-48220 # p 716  
A83-48221 # p 716  
A83-48222 # p 716  
A83-48225 # p 766  
A83-48248 # p 755  
A83-48286 # p 756  
A83-48306 # p 763  
A83-48308 # p 756  
A83-48309 # p 756  
A83-48310 # p 757  
A83-48326 # p 710  
A83-48327 # p 719  
A83-48328 # p 726  
A83-48329 # p 726  
A83-48330 # p 726  
A83-48331\* # p 745  
A83-48332 # p 727  
A83-48333 # p 710  
A83-48334 # p 770  
A83-48335 # p 723  
A83-48336 # p 768  
A83-48337 # p 768  
A83-48338 # p 727  
A83-48339 # p 727  
A83-48340 # p 770  
A83-48341 # p 745  
A83-48342 # p 745  
A83-48343 # p 745  
A83-48344 # p 727  
A83-48345 # p 750  
A83-48346\* # p 734  
A83-48347 # p 727  
A83-48348 # p 735  
A83-48349 # p 753  
A83-48350 # p 763  
A83-48353 # p 763  
A83-48354 # p 719  
A83-48355\* # p 727  
A83-48356\* # p 727  
A83-48357 # p 728  
A83-48358 # p 745  
A83-48359 # p 711  
A83-48360 # p 728  
A83-48361 # p 711  
A83-48363 # p 728  
A83-48364\* # p 728  
A83-48365 # p 728  
A83-48366 # p 728

## ACCESSION NUMBER INDEX

## ACCESSION NUMBER INDEX

## N83-13096

A83-48367 #	p 719	A83-50145* #	p 765	N83-10330 #	p 66	N83-11122 #	p 33	N83-12091* #	p 201
A83-48368 #	p 716			N83-10378* #	p 67	N83-11123 #	p 38	N83-12092* #	p 201
A83-48369 #	p 729			N83-10403 #	p 67	N83-11124 #	p 38	N83-12093* #	p 201
A83-48370 #	p 729	N83-10003 #	p 3	N83-10425* #	p 67	N83-11125* #	p 43	N83-12094* #	p 201
A83-48371 #	p 750	N83-10004 #	p 8	N83-10433 #	p 67	N83-11127* #	p 44	N83-12096 #	p 202
A83-48375* #	p 729	N83-10005 #	p 9	N83-10435 #	p 73	N83-11128* #	p 44	N83-12097 #	p 203
A83-48376 #	p 729	N83-10006 #	p 9	N83-10442* #	p 67	N83-11129* #	p 44	N83-12099* #	p 204
A83-48377 #	p 729	N83-10013 #	p 42	N83-10559* #	p 69	N83-11130* #	p 44	N83-12100 #	p 204
A83-48378 #	p 711	N83-10014 #	p 3	N83-10803* #	p 72	N83-11132 #	p 44	N83-12101 #	p 207
A83-48449 #	p 716	N83-10016* #	p 9	N83-10875 #	p 72	N83-11133 #	p 44	N83-12102* #	p 207
A83-48518 #	p 735	N83-10017* #	p 9	N83-10883* #	p 73	N83-11134 #	p 44	N83-12103* #	p 207
A83-48544 #	p 757	N83-10018* #	p 9	N83-10885* #	p 73	N83-11135 #	p 45	N83-12104 #	p 208
A83-48598 #	p 757	N83-10019* #	p 9	N83-10887 #	p 73	N83-11136 #	p 45	N83-12105 #	p 208
A83-48636 #	p 757	N83-10020 #	p 10	N83-10970* #	p 74	N83-11138 #	p 45	N83-12106 #	p 208
A83-48640 #	p 735	N83-10021 #	p 10	N83-10989 #	p 74	N83-11139* #	p 52	N83-12147* #	p 210
A83-48641 #	p 729	N83-10022 #	p 15	N83-11018* #	p 4	N83-11140* #	p 52	N83-12148* #	p 210
A83-48642 #	p 729	N83-10023* #	p 15	N83-11019* #	p 4	N83-11141* #	p 52	N83-12150* #	p 210
A83-48643 #	p 723	N83-10024* #	p 15	N83-11020* #	p 4	N83-11142* #	p 53	N83-12151* #	p 210
A83-48644 #	p 716	N83-10025 #	p 15	N83-11021* #	p 4	N83-11143 #	p 53	N83-12153* #	p 210
A83-48679 #	p 764	N83-10026 #	p 15	N83-11022* #	p 4	N83-11144 #	p 53	N83-12156* #	p 210
A83-48733 #	p 723	N83-10027* #	p 26	N83-11023* #	p 4	N83-11145 #	p 53	N83-12161* #	p 211
A83-48734 #	p 723	N83-10028 #	p 26	N83-11024* #	p 4	N83-11146 #	p 57	N83-12163* #	p 202
A83-48735 #	p 723	N83-10029* #	p 26	N83-11025* #	p 4	N83-11147 #	p 57	N83-12164* #	p 211
A83-48769 #	p 723	N83-10030 #	p 26	N83-11026* #	p 5	N83-11149 #	p 57	N83-12167* #	p 215
A83-48771 #	p 723	N83-10031 #	p 27	N83-11027* #	p 5	N83-11150 #	p 58	N83-12237* #	p 211
A83-48773 #	p 724	N83-10032 #	p 27	N83-11028* #	p 5	N83-11151 #	p 58	N83-12246* #	p 211
A83-48824 #	p 745	N83-10033 #	p 27	N83-11029* #	p 5	N83-11152 #	p 58	N83-12248* #	p 211
A83-48885 #	p 719	N83-10034* #	p 30	N83-11030* #	p 5	N83-11153 #	p 58	N83-12252 #	p 211
A83-48887 #	p 729	N83-10035* #	p 31	N83-11031* #	p 5	N83-11152 #	p 61	N83-12256 #	p 215
A83-48889 #	p 711	N83-10036 #	p 31	N83-11032* #	p 6	N83-11243* #	p 61	N83-12267 #	p 216
A83-48890 #	p 764	N83-10037 #	p 31	N83-11033* #	p 6	N83-11248* #	p 61	N83-12270 #	p 216
A83-48891 #	p 724	N83-10038* #	p 38	N83-11034* #	p 6	N83-11251 #	p 61	N83-12271 #	p 216
A83-49176 #	p 711	N83-10039 #	p 31	N83-11035 #	p 6	N83-11281 #	p 61	N83-12272 #	p 216
A83-49177 #	p 716	N83-10040* #	p 38	N83-11036 #	p 10	N83-11282* #	p 61	N83-12273 #	p 216
A83-49178 #	p 716	N83-10041 #	p 38	N83-11037 #	p 57	N83-11331* #	p 61	N83-12274 #	p 216
A83-49179 #	p 717	N83-10042 #	p 38	N83-11043 #	p 38	N83-11340* #	p 61	N83-12275 #	p 216
A83-49180 #	p 717	N83-10043 #	p 38	N83-11044* #	p 42	N83-11350 #	p 62	N83-12279 #	p 216
A83-49181 #	p 753	N83-10044* #	p 42	N83-11045* #	p 43	N83-11351 #	p 62	N83-12298 #	p 217
A83-49182 #	p 753	N83-10045* #	p 42	N83-11046 #	p 43	N83-11390 #	p 67	N83-12299 #	p 217
A83-49183 #	p 730	N83-10046 #	p 43	N83-10047* #	p 47	N83-11394 #	p 39	N83-12300 #	p 217
A83-49184 #	p 753	N83-10048* #	p 47	N83-10049* #	p 48	N83-11395 #	p 67	N83-12318 #	p 217
A83-49187 #	p 730	N83-10049* #	p 48	N83-10050* #	p 48	N83-11484 #	p 68	N83-12348 #	p 217
A83-49188* #	p 764	N83-10050* #	p 48	N83-10051* #	p 48	N83-11485 #	p 68	N83-12380 #	p 217
A83-49189 #	p 730	N83-10051* #	p 48	N83-10052 #	p 48	N83-11486 #	p 68	N83-12393* #	p 217
A83-49190 #	p 730	N83-10052 #	p 48	N83-10053 #	p 48	N83-11513 #	p 68	N83-12395* #	p 217
A83-49191 #	p 750	N83-10054 #	p 48	N83-10054 #	p 48	N83-11514* #	p 68	N83-12410 #	p 218
A83-49192 #	p 730	N83-10055 #	p 48	N83-10055 #	p 48	N83-11520 #	p 68	N83-12433* #	p 218
A83-49193 #	p 751	N83-10056 #	p 49	N83-10056 #	p 49	N83-11521 #	p 68	N83-12460* #	p 218
A83-49300 #	p 717	N83-10057 #	p 49	N83-10057 #	p 49	N83-11526 #	p 69	N83-12464* #	p 218
A83-49416 #	p 764	N83-10058 #	p 49	N83-10058 #	p 49	N83-11628 #	p 69	N83-12867 #	p 220
A83-49418 #	p 717	N83-10059 #	p 49	N83-10059 #	p 49	N83-11629 #	p 69	N83-12895 #	p 221
A83-49426 #	p 753	N83-10060 #	p 49	N83-10060 #	p 49	N83-11661* #	p 69	N83-12919 #	p 221
A83-49436 #	p 730	N83-10061 #	p 49	N83-10061 #	p 49	N83-11838* #	p 73	N83-12920 #	p 221
A83-49446 #	p 731	N83-10062 #	p 49	N83-10062 #	p 49	N83-11839* #	p 74	N83-12959* #	p 221
A83-49462 #	p 769	N83-10063 #	p 50	N83-10063 #	p 50	N83-11840* #	p 74	N83-12966* #	p 222
A83-49463 #	p 769	N83-10064 #	p 50	N83-10064 #	p 50	N83-12040 #	p 175	N83-12968* #	p 222
A83-49466 #	p 717	N83-10065 #	p 50	N83-10065 #	p 50	N83-12041 #	p 176	N83-12972 #	p 223
A83-49475 #	p 731	N83-10066 #	p 50	N83-10066 #	p 50	N83-12043 #	p 179	N83-12973 #	p 223
A83-49481 #	p 757	N83-10067 #	p 50	N83-10067 #	p 50	N83-12046* #	p 179	N83-12974 #	p 223
A83-49482 #	p 757	N83-10068 #	p 50	N83-10068 #	p 50	N83-12048* #	p 179	N83-12975 #	p 223
A83-49501 #	p 757	N83-10069 #	p 50	N83-10069 #	p 50	N83-12049* #	p 179	N83-12976 #	p 223
A83-49576 #	p 711	N83-10070 #	p 50	N83-10070 #	p 50	N83-12049* #	p 179	N83-13024* #	p 224
A83-49577 #	p 731	N83-10071 #	p 51	N83-10071 #	p 51	N83-12050 #	p 179	N83-13027 #	p 224
A83-49578 #	p 712	N83-10072 #	p 51	N83-10072 #	p 51	N83-12051 #	p 180	N83-13028 #	p 224
A83-49579 #	p 731	N83-10073 #	p 51	N83-10073 #	p 51	N83-12053 #	p 180	N83-13028* #	p 224
A83-49580 #	p 745	N83-10074 #	p 51	N83-10074 #	p 51	N83-12055 #	p 184	N83-13059* #	p 176
A83-49581* #	p 746	N83-10075 #	p 51	N83-10075 #	p 51	N83-12056 #	p 184	N83-13060 #	p 176
A83-49582 #	p 771	N83-10076 #	p 51	N83-10076 #	p 51	N83-12057 #	p 186	N83-13061 #	p 194
A83-49583 #	p 758	N83-10077 #	p 51	N83-10077 #	p 51	N83-12058 #	p 186	N83-13062 #	p 176
A83-49584* #	p 731	N83-10078 #	p 51	N83-10078 #	p 51	N83-12059 #	p 186	N83-13063 #	p 194
A83-49585 #	p 712	N83-10079* #	p 52	N83-10079* #	p 52	N83-12060 #	p 186	N83-13064 #	p 176
A83-49586 #	p 717	N83-10080 #	p 52	N83-10080 #	p 52	N83-12061 #	p 187	N83-13065* #	p 176
A83-49587 #	p 731	N83-10082* #	p 56	N83-10082* #	p 56	N83-12063 #	p 187	N83-13066 #	p 176
A83-49588 #	p 720	N83-10083 #	p 56	N83-10083 #	p 56	N83-12064 #	p 187	N83-13067 #	p 176
A83-49589 #	p 731	N83-10084 #	p 56	N83-10084 #	p 56	N83-12066 #	p 187	N83-13068 #	p 180
A83-49590* #	p 732	N83-10085 #	p 57	N83-10085 #	p 57	N83-12067 #	p 187	N83-13070* #	p 180
A83-49592 #	p 732	N83-10086 #	p 57	N83-10086 #	p 57	N83-12068 #	p 187	N83-13072* #	p 180
A83-49593 #	p 720	N83-10087 #	p 57	N83-10087 #	p 57	N83-12069 #	p 187	N83-13073* #	p 180
A83-49594 #	p 751	N83-10102 #	p 58	N83-10102 #	p 58	N83-12070* #	p 192	N83-13074 #	p 180
A83-49595* #	p 746	N83-10103 #	p 60	N83-10103 #	p 60	N83-12071* #	p 192	N83-13075* #	p 181
A83-49596* #	p 717	N83-10104 #	p 60	N83-10104 #	p 60	N83-12072* #	p 192	N83-13076* #	p 181
A83-49597 #	p 746	N83-10105 #	p 60	N83-10105 #	p 60	N83-12074 #	p 193	N83-13077 #	p 181
A83-49599* #	p 764	N83-10106 #	p 60	N83-10106 #	p 60	N83-12075 #	p 193	N83-13078 #	p 181
A83-49667 #	p 764	N83-10107 #	p 60	N83-10107 #	p 60	N83-12076 #	p 193	N83-13079 #	p 184
A83-49691 #	p 767	N83-10108 #	p 66	N83-10108 #	p 66	N83-12077 #	p 193	N83-13080 #	p 184
A83-49698 #	p 767	N83-10109 #	p 66	N83-10109 #	p 66	N83-12078 #	p 193	N83-13081 #	p 184
A83-49722 #	p 720	N83-10110 #	p 66	N83-10110 #	p 66	N83-12079 #	p 194	N83-13082 #	p 184
A83-49763 #	p 758	N83-10111 #	p 73	N83-10111 #	p 73	N83-12080 #	p 194	N83-13084 #	p 185
A83-49769 #	p 758	N83-10112 #	p 31	N83-10112 #	p 31	N83-12081 #	p 194	N83-13086 #	p 188
A83-49778 #	p 758	N83-10113* #	p 31	N83-10113* #	p 31	N83-12082 #	p 197	N83-13087 #	p 188
A83-50074* #	p 751	N83-10114* #	p 31	N83-10114* #	p 31	N83-12083 #	p 198	N83-13088 #	p 188
A83-50115 #	p 746	N83-10115* #	p 32	N83-10115* #	p 32	N83-12084 #	p 200	N83-13089 #	p 188
A83-50135 #	p 732	N83-10116* #	p 32	N83-10116* #	p 32	N83-12085 #	p 200	N83-13090 #	p 188
A83-50138 #	p 764	N83-10117* #	p 32	N83-10117* #	p 32	N83-12086 #	p 200	N83-13092 #	p 194
A83-50140 #	p 732	N83-10118 #	p 33	N83-10118 #	p 33	N83-12087* #	p 200	N83-13093 #	p 194
A83-50141 #	p 732	N83-10119 #	p 33	N83-10119 #	p 33	N83-12088* #	p 200	N83-13094 #	p 195
		N83-10120 #	p 33	N83-10120 #	p 33	N83-12089* #	p 201	N83-13095* #	p 198
		N83-10121 #	p 33	N83-10121 #	p 33	N83-12090* #	p 201	N83-13096 #	p 198

N83-13097 #	p 198	N83-14119 #	p 156	N83-15313 #	p 167	N83-16340 #	p 209	N83-17535* #	p 210
N83-13099 #	p 198	N83-14120 #	p 156	N83-15314 #	p 167	N83-16341* #	p 212	N83-17539* #	p 214
N83-13100* #	p 202	N83-14121 #	p 156	N83-15315* #	p 170	N83-16342* #	p 212	N83-17542* #	p 214
N83-13101* #	p 202	N83-14122 #	p 156	N83-15316* #	p 170	N83-16343* #	p 213	N83-17543* #	p 214
N83-13103* #	p 202	N83-14123* #	p 159	N83-15317* #	p 170	N83-16345 #	p 213	N83-17544* #	p 214
N83-13104* #	p 202	N83-14124 #	p 159	N83-15318* #	p 170	N83-16346 #	p 213	N83-17545* #	p 214
N83-13105 #	p 203	N83-14125 #	p 159	N83-15319* #	p 170	N83-16347 #	p 213	N83-17546* #	p 214
N83-13106 #	p 203	N83-14126* #	p 163	N83-15320* #	p 176	N83-16349* #	p 216	N83-17547* #	p 215
N83-13107 #	p 203	N83-14127* #	p 163	N83-15321 #	p 176	N83-16350* #	p 216	N83-17549 #	p 215
N83-13109 #	p 204	N83-14128* #	p 163	N83-15322 #	p 176	N83-16352 #	p 219	N83-17550* #	p 216
N83-13110* #	p 204	N83-14129* #	p 164	N83-15361* #	p 178	N83-16355 #	p 219	N83-17551* #	p 216
N83-13111 #	p 204	N83-14131 #	p 164	N83-15364* #	p 178	N83-16356 #	p 220	N83-17552* #	p 217
N83-13112* #	p 204	N83-14132 #	p 164	N83-15412* #	p 178	N83-16358 #	p 220	N83-17553* #	p 217
N83-13113* #	p 205	N83-14133 #	p 164	N83-15429 #	p 178	N83-16359 #	p 220	N83-17554 #	p 217
N83-13114* #	p 205	N83-14134 #	p 170	N83-15438 #	p 178	N83-16386 #	p 221	N83-17555 #	p 217
N83-13115* #	p 205	N83-14136 #	p 170	N83-15439 #	p 178	N83-16397* #	p 225	N83-17556* #	p 217
N83-13116 #	p 205	N83-14137 #	p 170	N83-15446 #	p 179	N83-16401 #	p 225	N83-17558 #	p 220
N83-13117 #	p 205	N83-14138* #	p 174	N83-15483* #	p 179	N83-16402 #	p 225	N83-17559 #	p 220
N83-13118 #	p 205	N83-14139* #	p 174	N83-15506 #	p 184	N83-16417* #	p 225	N83-17560* #	p 221
N83-13119 #	p 206	N83-14140* #	p 174	N83-15507 #	p 184	N83-16492* #	p 225	N83-17562 #	p 221
N83-13120 #	p 206	N83-14141 #	p 174	N83-15510 #	p 184	N83-16528* #	p 226	N83-17564 #	p 221
N83-13121 #	p 206	N83-14142 #	p 175	N83-15511 #	p 167	N83-16531 #	p 226	N83-17574 #	p 221
N83-13122* #	p 208	N83-14143 #	p 175	N83-15523* #	p 185	N83-16538 #	p 226	N83-17597* #	p 226
N83-13124* #	p 208	N83-14144 #	p 175	N83-15529 #	p 185	N83-16543* #	p 226	N83-17600* #	p 227
N83-13125 #	p 209	N83-14169* #	p 177	N83-15530* #	p 185	N83-16553 #	p 226	N83-17609 #	p 227
N83-13128 #	p 209	N83-14170* #	p 177	N83-15533 #	p 185	N83-16566 #	p 232	N83-17610 #	p 227
N83-13174* #	p 212	N83-14173 #	p 177	N83-15537 #	p 185	N83-16758* #	p 232	N83-17618 #	p 227
N83-13292 #	p 218	N83-14287 #	p 178	N83-15538 #	p 185	N83-16760 #	p 232	N83-17620 #	p 227
N83-13294 #	p 218	N83-14291 #	p 178	N83-15540 #	p 185	N83-16765 #	p 233	N83-17621 #	p 227
N83-13320 #	p 218	N83-14294 #	p 178	N83-15558 #	p 186	N83-16814* #	p 234	N83-17683* #	p 227
N83-13324 #	p 219	N83-14369 #	p 182	N83-15570 #	p 186	N83-16951* #	p 234	N83-17716 #	p 228
N83-13338 #	p 219	N83-14387 #	p 183	N83-15627* #	p 186	N83-17235* #	p 237	N83-17728* #	p 228
N83-13344 #	p 219	N83-14388 #	p 183	N83-15629* #	p 186	N83-17237* #	p 238	N83-17748 #	p 233
N83-13413 #	p 219	N83-14430* #	p 183	N83-15630* #	p 186	N83-17238* #	p 238	N83-17749 #	p 233
N83-13417 #	p 219	N83-14432* #	p 183	N83-15631* #	p 186	N83-17239* #	p 238	N83-17759 #	p 208
N83-13419* #	p 219	N83-14513 #	p 190	N83-15632* #	p 186	N83-17242* #	p 238	N83-17770 #	p 233
N83-13455 #	p 220	N83-14521* #	p 183	N83-15634* #	p 187	N83-17246 #	p 238	N83-17855 #	p 233
N83-13476 #	p 220	N83-14523* #	p 183	N83-15635* #	p 187	N83-17247 #	p 238	N83-17880* #	p 233
N83-13673 #	p 220	N83-14530 #	p 184	N83-15637* #	p 187	N83-17451* #	p 187	N83-17899* #	p 234
N83-13706* #	p 220	N83-14531 #	p 184	N83-15642* #	p 187	N83-17452 #	p 187	N83-17902 #	p 234
N83-13824 #	p 221	N83-14532 #	p 184	N83-15648* #	p 187	N83-17454* #	p 187	N83-17903 #	p 234
N83-13835* #	p 221	N83-14543 #	p 184	N83-15656* #	p 187	N83-17455 #	p 188	N83-18106 #	p 235
N83-13936* #	p 223	N83-14769 #	p 189	N83-15676 #	p 187	N83-17456 #	p 188	N83-18291 #	p 236
N83-13937* #	p 224	N83-14929* #	p 189	N83-16150* #	p 190	N83-17457 #	p 213	N83-18295 #	p 236
N83-13939* #	p 224	N83-14954 #	p 189	N83-16151* #	p 191	N83-17458 #	p 207	N83-18297 #	p 236
N83-13940 #	p 224	N83-14973 #	p 189	N83-16152* #	p 191	N83-17459 #	p 202	N83-18304* #	p 236
N83-14022* #	p 225	N83-15042* #	p 190	N83-16154 #	p 191	N83-17460 #	p 235	N83-18307* #	p 236
N83-14061* #	p 128	N83-15043* #	p 190	N83-16156 #	p 191	N83-17462 #	p 188	N83-18322 #	p 237
N83-14062 #	p 128	N83-15169* #	p 191	N83-16253 #	p 191	N83-17463 #	p 198	N83-18404* #	p 238
N83-14063 #	p 128	N83-15255 #	p 164	N83-16273* #	p 192	N83-17464 #	p 202	N83-18405* #	p 239
N83-14064 #	p 137	N83-15256 #	p 165	N83-16280 #	p 187	N83-17465 #	p 188	N83-18651 #	p 308
N83-14074 #	p 139	N83-15260 #	p 165	N83-16281 #	p 187	N83-17466 #	p 210	N83-18652 #	p 242
N83-14075 #	p 139	N83-15261 #	p 165	N83-16284* #	p 190	N83-17467 #	p 213	N83-18653 #	p 281
N83-14076* #	p 139	N83-15263* #	p 137	N83-16286* #	p 190	N83-17468 #	p 239	N83-18654 #	p 244
N83-14077* #	p 139	N83-15264* #	p 137	N83-16287* #	p 190	N83-17470 #	p 188	N83-18655* #	p 308
N83-14078* #	p 139	N83-15265* #	p 138	N83-16288* #	p 191	N83-17471 #	p 192	N83-18656 #	p 242
N83-14079 #	p 139	N83-15266* #	p 138	N83-16289* #	p 191	N83-17472 #	p 192	N83-18657 #	p 308
N83-14080 #	p 144	N83-15269 #	p 138	N83-16290* #	p 191	N83-17473 #	p 193	N83-18658 #	p 309
N83-14081 #	p 145	N83-15271 #	p 138	N83-16291* #	p 191	N83-17474 #	p 193	N83-18659 #	p 281
N83-14082 #	p 145	N83-15272 #	p 140	N83-16292 #	p 191	N83-17477 #	p 193	N83-18660 #	p 244
N83-14083 #	p 145	N83-15273* #	p 140	N83-16293 #	p 191	N83-17478 #	p 193	N83-18661 #	p 244
N83-14084 #	p 145	N83-15274 #	p 147	N83-16299 #	p 192	N83-17479 #	p 193	N83-18662* #	p 244
N83-14085 #	p 145	N83-15275* #	p 147	N83-16300 #	p 192	N83-17480 #	p 193	N83-18663* #	p 244
N83-14086 #	p 145	N83-15276* #	p 147	N83-16301 #	p 192	N83-17481 #	p 194	N83-18672* #	p 244
N83-14087 #	p 145	N83-15277* #	p 148	N83-16303 #	p 192	N83-17482 #	p 235	N83-18673* #	p 245
N83-14088 #	p 145	N83-15278 #	p 148	N83-16305 #	p 192	N83-17483 #	p 236	N83-18674 #	p 245
N83-14089 #	p 145	N83-15279 #	p 148	N83-16306 #	p 192	N83-17484 #	p 194	N83-18675 #	p 245
N83-14090 #	p 145	N83-15281 #	p 156	N83-16308 #	p 197	N83-17485 #	p 236	N83-18676 #	p 245
N83-14091 #	p 145	N83-15283* #	p 157	N83-16309 #	p 197	N83-17486 #	p 194	N83-18686 #	p 245
N83-14092 #	p 146	N83-15284 #	p 157	N83-16310 #	p 197	N83-17487 #	p 194	N83-18687 #	p 245
N83-14093 #	p 146	N83-15285 #	p 175	N83-16311 #	p 197	N83-17488 #	p 194	N83-18689 #	p 245
N83-14094 #	p 146	N83-15286 #	p 175	N83-16312 #	p 198	N83-17489 #	p 236	N83-18695 #	p 245
N83-14095 #	p 146	N83-15287 #	p 175	N83-16313 #	p 198	N83-17490 #	p 188	N83-18696 #	p 264
N83-14096 #	p 146	N83-15288 #	p 175	N83-16314 #	p 200	N83-17491 #	p 198	N83-18697* #	p 248
N83-14097 #	p 146	N83-15289 #	p 175	N83-16315 #	p 201	N83-17493* #	p 198	N83-18698 #	p 248
N83-14098* #	p 146	N83-15290 #	p 176	N83-16316 #	p 201	N83-17497* #	p 198	N83-18699* #	p 249
N83-14099 #	p 146	N83-15291 #	p 157	N83-16317 #	p 201	N83-17508* #	p 194	N83-18700 #	p 249
N83-14100 #	p 147	N83-15292 #	p 157	N83-16318 #	p 201	N83-17509* #	p 194	N83-18701* #	p 249
N83-14101 #	p 147	N83-15293 #	p 157	N83-16319 #	p 201	N83-17510* #	p 195	N83-18702* #	p 249
N83-14102 #	p 147	N83-15295 #	p 176	N83-16320 #	p 201	N83-17515* #	p 195	N83-18703 #	p 249
N83-14103 #	p 147	N83-15296 #	p 157	N83-16321 #	p 201	N83-17517 #	p 195	N83-18704* #	p 260
N83-14104 #	p 153	N83-15298 #	p 158	N83-16322 #	p 201	N83-17518 #	p 195	N83-18705 #	p 260
N83-14105* #	p 154	N83-15299 #	p 158	N83-16323 #	p 202	N83-17520 #	p 195	N83-18706 #	p 260
N83-14106 #	p 154	N83-15300 #	p 158	N83-16325 #	p 202	N83-17521 #	p 195	N83-18709* #	p 265
N83-14107* #	p 154	N83-15301 #	p 158	N83-16326 #	p 205	N83-17522 #	p 196	N83-18710* #	p 265
N83-14108* #	p 154	N83-15302* #	p 159	N83-16327 #	p 205	N83-17523* #	p 198	N83-18711 #	p 265
N83-14109* #	p 154	N83-15303 #	p 159	N83-16328* #	p 205	N83-17524 #	p 198	N83-18712* #	p 265
N83-14110* #	p 154	N83-15304* #	p 165	N83-16329* #	p 205	N83-17526 #	p 198	N83-18713* #	p 265
N83-14111* #	p 154	N83-15305* #	p 165	N83-16330* #	p 205	N83-17527 #	p 202	N83-18714* #	p 265
N83-14112 #	p 155	N83-15306* #	p 166	N83-16331* #	p 206	N83-17528 #	p 207	N83-18715* #	p 266
N83-14113 #	p 155	N83-15307* #	p 166	N83-16332 #	p 206	N83-17529 #	p 207	N83-18716* #	p 266
N83-14114 #	p 155	N83-15308* #	p 166	N83-16333 #	p 206	N83-17530* #	p 207	N83-18717* #	p 266
N83-14115 #	p 155	N83-15309* #	p 166	N83-16335 #	p 206	N83-17531 #	p 207	N83-18718* #	p 266
N83-14116 #	p 155	N83-15310 #	p 166	N83-16336 #	p 206	N83-17532 #	p 207	N83-18720* #	p 270
N83-14117 #	p 155	N83-15311 #	p 167	N83-16337 #	p 206	N83-17533 #	p 207	N83-18721* #	p 270
N83-14118 #	p 156	N83-15312 #	p 167	N83-16338* #	p 209	N83-17534* #	p 210	N83-18722 #	p 270
				N83-16339 #	p 209			N83-18723* #	p 270

## ACCESSION NUMBER INDEX

N83-25268

N83-18724 #	p 271	N83-19760 #	p 289	N83-20968 #	p 348	N83-22197* #	p 338	N83-23314 #	p 394
N83-18725* #	p 282	N83-19762 #	p 293	N83-20969 #	p 348	N83-22198* #	p 339	N83-23315 #	p 394
N83-18728 #	p 282	N83-19763 #	p 293	N83-20970 #	p 349	N83-22200* #	p 339	N83-23316* #	p 396
N83-18729* #	p 282	N83-19764 #	p 293	N83-20971* #	p 349	N83-22201* #	p 339	N83-23317* #	p 396
N83-18730 #	p 282	N83-19815* #	p 297	N83-20972* #	p 349	N83-22203* #	p 339	N83-23318* #	p 397
N83-18731 #	p 301	N83-19820 #	p 297	N83-20973* #	p 349	N83-22204* #	p 339	N83-23319 #	p 397
N83-18735 #	p 282	N83-19921* #	p 297	N83-21062 #	p 351	N83-22205* #	p 343	N83-23320 #	p 400
N83-18738 #	p 282	N83-19922 #	p 297	N83-21102 #	p 351	N83-22206* #	p 344	N83-23321 #	p 400
N83-18738 #	p 282	N83-19953 #	p 302	N83-21168 #	p 351	N83-22207* #	p 344	N83-23322 #	p 400
N83-18739 #	p 282	N83-20007 #	p 302	N83-21169 #	p 351	N83-22208* #	p 344	N83-23323 #	p 400
N83-18740 #	p 283	N83-20048 #	p 302	N83-21209* #	p 358	N83-22210* #	p 344	N83-23324* #	p 400
N83-18743 #	p 288	N83-20119* #	p 302	N83-21210* #	p 359	N83-22211* #	p 344	N83-23325 #	p 400
N83-18744* #	p 288	N83-20120* #	p 302	N83-21212 #	p 359	N83-22212* #	p 344	N83-23326* #	p 401
N83-18745* #	p 288	N83-20124* #	p 302	N83-21314* #	p 359	N83-22213* #	p 345	N83-23327 #	p 401
N83-18746 #	p 288	N83-20125* #	p 303	N83-21357 #	p 359	N83-22214* #	p 345	N83-23328* #	p 401
N83-18748* #	p 290	N83-20126* #	p 303	N83-21391* #	p 359	N83-22215 #	p 345	N83-23329 #	p 401
N83-18749* #	p 291	N83-20127* #	p 303	N83-21394* #	p 359	N83-22216 #	p 345	N83-23330 #	p 401
N83-18750* #	p 291	N83-20129* #	p 303	N83-21401* #	p 360	N83-22217 #	p 345	N83-23331 #	p 401
N83-18753* #	p 291	N83-20134* #	p 303	N83-21495 #	p 361	N83-22218* #	p 345	N83-23332 #	p 401
N83-18754* #	p 291	N83-20165 #	p 303	N83-21503* #	p 361	N83-22219* #	p 346	N83-23363 #	p 403
N83-18755* #	p 291	N83-20166 #	p 303	N83-21504* #	p 361	N83-22220* #	p 352	N83-23421 #	p 403
N83-18756* #	p 291	N83-20180 #	p 303	N83-21509 #	p 361	N83-22241 #	p 352	N83-23422 #	p 404
N83-18757* #	p 291	N83-20184 #	p 267	N83-21711* #	p 362	N83-22442* #	p 352	N83-23423 #	p 404
N83-18758* #	p 291	N83-20188 #	p 251	N83-21730* #	p 362	N83-22443* #	p 352	N83-23426 #	p 404
N83-18759* #	p 291	N83-20196 #	p 272	N83-21895* #	p 367	N83-22444* #	p 352	N83-23464* #	p 404
N83-18760* #	p 292	N83-20212 #	p 304	N83-22025* #	p 368	N83-22445* #	p 352	N83-23466 #	p 404
N83-18765* #	p 292	N83-20227 #	p 242	N83-22049 #	p 369	N83-22446* #	p 352	N83-23469 #	p 404
N83-18766* #	p 292	N83-20232 #	p 304	N83-22091* #	p 311	N83-22447* #	p 352	N83-23478 #	p 404
N83-18767* #	p 292	N83-20430 #	p 304	N83-22092* #	p 311	N83-22448* #	p 352	N83-23523 #	p 407
N83-18768* #	p 292	N83-20445* #	p 304	N83-22093 #	p 311	N83-22449* #	p 353	N83-23595 #	p 407
N83-18769* #	p 292	N83-20493 #	p 304	N83-22094 #	p 342	N83-22450* #	p 353	N83-23664 #	p 409
N83-18770* #	p 292	N83-20500 #	p 304	N83-22095 #	p 342	N83-22451* #	p 353	N83-23670* #	p 409
N83-18771* #	p 293	N83-20692 #	p 309	N83-22096 #	p 342	N83-22452* #	p 353	N83-23732 #	p 409
N83-18772 #	p 293	N83-20697 #	p 272	N83-22097 #	p 342	N83-22453* #	p 353	N83-24048* #	p 409
N83-18851* #	p 296	N83-20699 #	p 309	N83-22101 #	p 343	N83-22454* #	p 340	N83-24073 #	p 409
N83-18858 #	p 296	N83-20702 #	p 272	N83-22102 #	p 332	N83-22455* #	p 340	N83-24184* #	p 411
N83-18894* #	p 296	N83-20704 #	p 309	N83-22104 #	p 363	N83-22456* #	p 340	N83-24194* #	p 411
N83-18904 #	p 296	N83-20707 #	p 310	N83-22105 #	p 343	N83-22457* #	p 340	N83-24212* #	p 411
N83-18953 #	p 301	N83-20758 #	p 310	N83-22108 #	p 343	N83-22477 #	p 334	N83-24286 #	p 412
N83-18956 #	p 283	N83-20831* #	p 243	N83-22110 #	p 343	N83-22498 #	p 360	N83-24287* #	p 412
N83-18957 #	p 283	N83-20832* #	p 268	N83-22111 #	p 343	N83-22517 #	p 360	N83-24289 #	p 412
N83-18958 #	p 301	N83-20833* #	p 268	N83-22113 #	p 334	N83-22593 #	p 360	N83-24466* #	p 373
N83-18960 #	p 283	N83-20834* #	p 251	N83-22114 #	p 363	N83-22625 #	p 360	N83-24468 #	p 373
N83-19018* #	p 301	N83-20835* #	p 310	N83-22116 #	p 334	N83-22689* #	p 362	N83-24472* #	p 377
N83-19040 #	p 283	N83-20836* #	p 252	N83-22119 #	p 335	N83-22740* #	p 362	N83-24473* #	p 377
N83-19062 #	p 301	N83-20837* #	p 252	N83-22125 #	p 363	N83-22747* #	p 362	N83-24474* #	p 377
N83-19124* #	p 301	N83-20838* #	p 252	N83-22135 #	p 364	N83-22759 #	p 362	N83-24478* #	p 377
N83-19129 #	p 301	N83-20839* #	p 313	N83-22138 #	p 364	N83-22769 #	p 363	N83-24479* #	p 377
N83-19135 #	p 302	N83-20895 #	p 314	N83-22140 #	p 364	N83-22817 #	p 363	N83-24480 #	p 377
N83-19434 #	p 302	N83-20897 #	p 341	N83-22142 #	p 335	N83-22972 #	p 349	N83-24481* #	p 378
N83-19438 #	p 249	N83-20898 #	p 341	N83-22143 #	p 343	N83-23048* #	p 364	N83-24482 #	p 378
N83-19443 #	p 250	N83-20899 #	p 341	N83-22144 #	p 335	N83-23049* #	p 365	N83-24483 #	p 378
N83-19444 #	p 250	N83-20902 #	p 314	N83-22145 #	p 364	N83-23112* #	p 367	N83-24486 #	p 378
N83-19487* #	p 305	N83-20903 #	p 314	N83-22146 #	p 335	N83-23115* #	p 367	N83-24488* #	p 381
N83-19496* #	p 305	N83-20904 #	p 314	N83-22147 #	p 335	N83-23118 #	p 368	N83-24489 #	p 381
N83-19562 #	p 305	N83-20905 #	p 346	N83-22149 #	p 335	N83-23210 #	p 320	N83-24490* #	p 382
N83-19576* #	p 309	N83-20906 #	p 314	N83-22150 #	p 364	N83-23211* #	p 320	N83-24492 #	p 382
N83-19578 #	p 309	N83-20907 #	p 311	N83-22152 #	p 364	N83-23212* #	p 320	N83-24493 #	p 382
N83-19579 #	p 309	N83-20908 #	p 311	N83-22157* #	p 315	N83-23234 #	p 320	N83-24494 #	p 382
N83-19652* #	p 310	N83-20915* #	p 314	N83-22159* #	p 315	N83-23240* #	p 368	N83-24495 #	p 383
N83-19709* #	p 246	N83-20916* #	p 314	N83-22161* #	p 316	N83-23241* #	p 369	N83-24499 #	p 383
N83-19714* #	p 246	N83-20917* #	p 315	N83-22162* #	p 316	N83-23268 #	p 372	N83-24500* #	p 389
N83-19715* #	p 246	N83-20918* #	p 315	N83-22163* #	p 316	N83-23269 #	p 372	N83-24501 #	p 389
N83-19718 #	p 246	N83-20920 #	p 315	N83-22164* #	p 316	N83-23271 #	p 372	N83-24502 #	p 390
N83-19719 #	p 246	N83-20923 #	p 315	N83-22165* #	p 316	N83-23272 #	p 373	N83-24503 #	p 390
N83-19721* #	p 250	N83-20927 #	p 324	N83-22166* #	p 316	N83-23275 #	p 376	N83-24504* #	p 391
N83-19722 #	p 250	N83-20930 #	p 324	N83-22167* #	p 317	N83-23276 #	p 376	N83-24505* #	p 394
N83-19723 #	p 250	N83-20931* #	p 331	N83-22168* #	p 319	N83-23278 #	p 376	N83-24506* #	p 394
N83-19724 #	p 250	N83-20933* #	p 331	N83-22169 #	p 319	N83-23279 #	p 376	N83-24507* #	p 395
N83-19725 #	p 250	N83-20934 #	p 331	N83-22170 #	p 319	N83-23280 #	p 377	N83-24508 #	p 395
N83-19727 #	p 251	N83-20935 #	p 331	N83-22171 #	p 319	N83-23281* #	p 380	N83-24509* #	p 395
N83-19728 #	p 251	N83-20936 #	p 331	N83-22172 #	p 319	N83-23282 #	p 380	N83-24510 #	p 395
N83-19729 #	p 251	N83-20937 #	p 332	N83-22173 #	p 319	N83-23283 #	p 380	N83-24511 #	p 395
N83-19730 #	p 251	N83-20938 #	p 332	N83-22174 #	p 319	N83-23284 #	p 380	N83-24512* #	p 397
N83-19731 #	p 251	N83-20939 #	p 332	N83-22175 #	p 325	N83-23285 #	p 381	N83-24513* #	p 397
N83-19732 #	p 260	N83-20940 #	p 332	N83-22176 #	p 325	N83-23287 #	p 381	N83-24514 #	p 397
N83-19737* #	p 266	N83-20941* #	p 334	N83-22177 #	p 325	N83-23288 #	p 381	N83-24515* #	p 397
N83-19739* #	p 266	N83-20945* #	p 338	N83-22178 #	p 325	N83-23289 #	p 382	N83-24518 #	p 402
N83-19740* #	p 266	N83-20946* #	p 338	N83-22179 #	p 362	N83-23290 #	p 382	N83-24519 #	p 402
N83-19742 #	p 267	N83-20947* #	p 338	N83-22180 #	p 320	N83-23294* #	p 388	N83-24520 #	p 402
N83-19743 #	p 267	N83-20951* #	p 338	N83-22181 #	p 325	N83-23295* #	p 388	N83-24521 #	p 402
N83-19744 #	p 267	N83-20950 #	p 339	N83-22182 #	p 325	N83-23296 #	p 389	N83-24522 #	p 402
N83-19745 #	p 267	N83-20952* #	p 342	N83-22183 #	p 325	N83-23297 #	p 389	N83-24523 #	p 402
N83-19746 #	p 267	N83-20953 #	p 346	N83-22184 #	p 325	N83-23298 #	p 389	N83-24524 #	p 402
N83-19747 #	p 267	N83-20955 #	p 346	N83-22185 #	p 326	N83-23299 #	p 389	N83-24711* #	p 404
N83-19748* #	p 271	N83-20957 #	p 347	N83-22186 #	p 326	N83-23300 #	p 389	N83-24732 #	p 407
N83-19749 #	p 271	N83-20958 #	p 347	N83-22187 #	p 326	N83-23301 #	p 389	N83-24742 #	p 407
N83-19750 #	p 271	N83-20959 #	p 347	N83-22188* #	p 332	N83-23302 #	p 390	N83-24764* #	p 407
N83-19751 #	p 271	N83-20960* #	p 347	N83-22189 #	p 333	N83-23303* #	p 391	N83-24796* #	p 408
N83-19752 #	p 271	N83-20961 #	p 347	N83-22190 #	p 333	N83-23305* #	p 393	N83-24829* #	p 408
N83-19753* #	p 283	N83-20962 #	p 347	N83-22191* #	p 333	N83-23306* #	p 393	N83-24858* #	p 408
N83-19754* #	p 283	N83-20963 #	p 347	N83-22192* #	p 333	N83-23307 #	p 393	N83-24876* #	p 408
N83-19756* #	p 288	N83-20964 #	p 348	N83-22193* #	p 333	N83-23308 #	p 393	N83-25226 #	p 410
N83-19757* #	p 288	N83-20965 #	p 348	N83-22194* #	p 333	N83-23310* #	p 393	N83-25232 #	p 410
N83-19758* #	p 288	N83-20966 #	p 348	N83-22195 #	p 333	N83-23311 #	p 394	N83-25265* #	p 410
N83-19759 #	p 289	N83-20967 #	p 348	N83-22196* #	p 335	N83-23312 #	p 394	N83-25268* #	p 410
						N83-23313 #	p 394		

N83-25315* #	p 410	N83-26099 #	p 477	N83-27982 #	p 527	N83-29206 #	p 531	N83-30368 #	p 593
N83-25316* #	p 410	N83-26103 #	p 477	N83-27983 #	p 527	N83-29207 #	p 537	N83-30369 #	p 604
N83-25327 #	p 410	N83-26320 #	p 479	N83-27984 #	p 527	N83-29208* #	p 537	N83-30370 #	p 627
N83-25496* #	p 412	N83-26322 #	p 479	N83-27985 #	p 527	N83-29209* #	p 537	N83-30371 #	p 604
N83-25498* #	p 412	N83-26345 #	p 479	N83-27986 #	p 528	N83-29210* #	p 537	N83-30372* #	p 631
N83-25499* #	p 412	N83-26367 #	p 479	N83-27987 #	p 528	N83-29211* #	p 538	N83-30373 #	p 604
N83-25500 #	p 413	N83-26501 #	p 481	N83-27988 #	p 530	N83-29212* #	p 538	N83-30374 #	p 628
N83-25529 #	p 413	N83-26537 #	p 481	N83-27989* #	p 530	N83-29213* #	p 538	N83-30375 #	p 628
N83-25539* #	p 413	N83-26643* #	p 482	N83-27990 #	p 530	N83-29214* #	p 553	N83-30376 #	p 628
N83-25652 #	p 416	N83-26783 #	p 487	N83-27991* #	p 536	N83-29216* #	p 562	N83-30377 #	p 605
N83-25653 #	p 416	N83-26785* #	p 417	N83-27992* #	p 536	N83-29217* #	p 562	N83-30378 #	p 605
N83-25654 #	p 416	N83-26786 #	p 417	N83-27993* #	p 536	N83-29218* #	p 538	N83-30379 #	p 628
N83-25655 #	p 416	N83-26787 #	p 417	N83-27994* #	p 536	N83-29219* #	p 538	N83-30380* #	p 628
N83-25656 #	p 417	N83-26791 #	p 459	N83-27995* #	p 537	N83-29220* #	p 538	N83-30381 #	p 628
N83-25657* #	p 423	N83-26792 #	p 466	N83-27996* #	p 537	N83-29221* #	p 538	N83-30383 #	p 581
N83-25658* #	p 423	N83-26798 #	p 459	N83-27997 #	p 545	N83-29226* #	p 538	N83-30384 #	p 581
N83-25659* #	p 423	N83-26805 #	p 477	N83-27998* #	p 546	N83-29231* #	p 554	N83-30385* #	p 581
N83-25660* #	p 424	N83-26812 #	p 442	N83-27999 #	p 546	N83-29232* #	p 562	N83-30386* #	p 581
N83-25662* #	p 424	N83-26815* #	p 426	N83-28000 #	p 546	N83-29234* #	p 539	N83-30387* #	p 581
N83-25665* #	p 424	N83-26816* #	p 426	N83-28001 #	p 546	N83-29235* #	p 539	N83-30388* #	p 582
N83-25666* #	p 424	N83-26818* #	p 426	N83-28002 #	p 546	N83-29236* #	p 539	N83-30389* #	p 582
N83-25667* #	p 424	N83-26819* #	p 427	N83-28003 #	p 546	N83-29237* #	p 539	N83-30390* #	p 582
N83-25668 #	p 424	N83-26820* #	p 427	N83-28004 #	p 548	N83-29238 #	p 539	N83-30391* #	p 582
N83-25669 #	p 424	N83-26821* #	p 427	N83-28005 #	p 548	N83-29239 #	p 539	N83-30394* #	p 582
N83-25670 #	p 425	N83-26822* #	p 427	N83-28006* #	p 548	N83-29240 #	p 539	N83-30395 #	p 583
N83-25671 #	p 425	N83-26824 #	p 427	N83-28007 #	p 548	N83-29241 #	p 540	N83-30396 #	p 583
N83-25673 #	p 425	N83-26825 #	p 428	N83-28008 #	p 548	N83-29242 #	p 540	N83-30397 #	p 583
N83-25674 #	p 425	N83-26827 #	p 430	N83-28009 #	p 549	N83-29243 #	p 540	N83-30398 #	p 585
N83-25675 #	p 425	N83-26828 #	p 432	N83-28010 #	p 549	N83-29244 #	p 540	N83-30399 #	p 585
N83-25676 #	p 425	N83-26829* #	p 442	N83-28084 #	p 552	N83-29245 #	p 540	N83-30400 #	p 593
N83-25677 #	p 426	N83-26830 #	p 442	N83-28088 #	p 552	N83-29246 #	p 540	N83-30401* #	p 605
N83-25679 #	p 426	N83-26831* #	p 442	N83-28090 #	p 552	N83-29247 #	p 540	N83-30402* #	p 605
N83-25682 #	p 426	N83-26832 #	p 443	N83-28092 #	p 560	N83-29248 #	p 541	N83-30403* #	p 605
N83-25683 #	p 429	N83-26833 #	p 443	N83-28093 #	p 552	N83-29249 #	p 541	N83-30404* #	p 606
N83-25684 #	p 429	N83-26834 #	p 443	N83-28098* #	p 552	N83-29250 #	p 491	N83-30405* #	p 606
N83-25685 #	p 430	N83-26835 #	p 443	N83-28118 #	p 553	N83-29251 #	p 541	N83-30406* #	p 606
N83-25686 #	p 430	N83-26836 #	p 443	N83-28211 #	p 553	N83-29252 #	p 541	N83-30407* #	p 606
N83-25687 #	p 432	N83-26838* #	p 459	N83-28212 #	p 553	N83-29253 #	p 541	N83-30408 #	p 606
N83-25688 #	p 432	N83-26839* #	p 459	N83-28255 #	p 553	N83-29254 #	p 541	N83-30409 #	p 606
N83-25691 #	p 432	N83-26840 #	p 459	N83-28273 #	p 553	N83-29255 #	p 541	N83-30410 #	p 606
N83-25692* #	p 440	N83-26841 #	p 460	N83-28283 #	p 560	N83-29256 #	p 542	N83-30411 #	p 610
N83-25693* #	p 440	N83-26842 #	p 460	N83-28290 #	p 560	N83-29257 #	p 542	N83-30412 #	p 610
N83-25694* #	p 440	N83-26843 #	p 460	N83-28291 #	p 560	N83-29258 #	p 542	N83-30413 #	p 610
N83-25695* #	p 440	N83-26844* #	p 461	N83-28308 #	p 560	N83-29259 #	p 542	N83-30414 #	p 610
N83-25696 #	p 440	N83-26845* #	p 461	N83-28317 #	p 560	N83-29260 #	p 542	N83-30415 #	p 610
N83-25697 #	p 440	N83-26846* #	p 462	N83-28326 #	p 560	N83-29261 #	p 542	N83-30416 #	p 610
N83-25698 #	p 440	N83-26847 #	p 462	N83-28364 #	p 561	N83-29262 #	p 542	N83-30417 #	p 611
N83-25699 #	p 441	N83-26848 #	p 462	N83-28377 #	p 561	N83-29263 #	p 543	N83-30418 #	p 611
N83-25700 #	p 441	N83-26849* #	p 467	N83-28378* #	p 561	N83-29264 #	p 543	N83-30419 #	p 611
N83-25701 #	p 441	N83-26929 #	p 471	N83-28387 #	p 561	N83-29265 #	p 543	N83-30420 #	p 611
N83-25702 #	p 441	N83-26934 #	p 471	N83-28455* #	p 561	N83-29266 #	p 543	N83-30421 #	p 611
N83-25703 #	p 441	N83-27033 #	p 471	N83-28458 #	p 562	N83-29267 #	p 543	N83-30422 #	p 611
N83-25704 #	p 441	N83-27034 #	p 471	N83-28458* #	p 562	N83-29268 #	p 543	N83-30423 #	p 611
N83-25705 #	p 442	N83-27035 #	p 471	N83-28501 #	p 562	N83-29269 #	p 543	N83-30424 #	p 611
N83-25706 #	p 442	N83-27114 #	p 478	N83-28620 #	p 553	N83-29270* #	p 547	N83-30425 #	p 611
N83-25707* #	p 444	N83-27148* #	p 478	N83-28622 #	p 562	N83-29271* #	p 547	N83-30426 #	p 611
N83-25709 #	p 444	N83-27149* #	p 478	N83-28788 #	p 567	N83-29272* #	p 549	N83-30427* #	p 616
N83-25710 #	p 445	N83-27210 #	p 478	N83-28983 #	p 571	N83-29273* #	p 549	N83-30428* #	p 616
N83-25711* #	p 458	N83-27213* #	p 478	N83-28984* #	p 571	N83-29274 #	p 549	N83-30429* #	p 616
N83-25712* #	p 458	N83-27260 #	p 478	N83-28985* #	p 571	N83-29275 #	p 549	N83-30430* #	p 617
N83-25713 #	p 458	N83-27266 #	p 478	N83-28986* #	p 571	N83-29276 #	p 550	N83-30431* #	p 617
N83-25714 #	p 459	N83-27476 #	p 479	N83-28987* #	p 571	N83-29277 #	p 550	N83-30432* #	p 617
N83-25715 #	p 459	N83-27537* #	p 479	N83-28992 #	p 571	N83-29278 #	p 550	N83-30433 #	p 617
N83-25716 #	p 461	N83-27624 #	p 481	N83-28993 #	p 572	N83-29279* #	p 554	N83-30434 #	p 617
N83-25717 #	p 461	N83-27793* #	p 482	N83-29123 #	p 573	N83-29322 #	p 554	N83-30435* #	p 629
N83-25718 #	p 461	N83-27794* #	p 482	N83-29134 #	p 573	N83-29358* #	p 554	N83-30436 #	p 631
N83-25719 #	p 461	N83-27796 #	p 483	N83-29170* #	p 573	N83-29360* #	p 554	N83-30437 #	p 631
N83-25720 #	p 465	N83-27797 #	p 483	N83-29171 #	p 491	N83-29377 #	p 554	N83-30438* #	p 631
N83-25721 #	p 465	N83-27801 #	p 483	N83-29172 #	p 505	N83-29407 #	p 554	N83-30439* #	p 631
N83-25722 #	p 465	N83-27803 #	p 483	N83-29173* #	p 505	N83-29408 #	p 555	N83-30440 #	p 631
N83-25723 #	p 465	N83-27845* #	p 483	N83-29174* #	p 505	N83-29414 #	p 555	N83-30441 #	p 631
N83-25725 #	p 465	N83-27895 #	p 483	N83-29175* #	p 506	N83-29448* #	p 562	N83-30442 #	p 631
N83-25726 #	p 465	N83-27921 #	p 487	N83-29176* #	p 506	N83-29561 #	p 562	N83-30443 #	p 632
N83-25727* #	p 465	N83-27951* #	p 491	N83-29177* #	p 506	N83-29579 #	p 563	N83-30444 #	p 631
N83-25728 #	p 465	N83-27952* #	p 491	N83-29178* #	p 506	N83-29597* #	p 563	N83-30445 #	p 635
N83-25729 #	p 465	N83-27953 #	p 504	N83-29180* #	p 506	N83-29634* #	p 563	N83-30446 #	p 635
N83-25730 #	p 466	N83-27956 #	p 504	N83-29182 #	p 506	N83-29636* #	p 563	N83-30447 #	p 635
N83-25731 #	p 466	N83-27957* #	p 504	N83-29184 #	p 507	N83-29670 #	p 563	N83-30522* #	p 635
N83-25732 #	p 466	N83-27961* #	p 504	N83-29185 #	p 510	N83-29708 #	p 563	N83-30523 #	p 635
N83-25733 #	p 466	N83-27962 #	p 504	N83-29186* #	p 510	N83-29726 #	p 564	N83-30524 #	p 635
N83-25735 #	p 466	N83-29187 #	p 510	N83-29188 #	p 510	N83-29732* #	p 564	N83-30525 #	p 635
N83-25790* #	p 470	N83-29189 #	p 510	N83-29191 #	p 510	N83-29733* #	p 564	N83-30530 #	p 635
N83-25793 #	p 470	N83-29190 #	p 510	N83-29192 #	p 515	N83-29930 #	p 567	N83-30531 #	p 636
N83-25795 #	p 470	N83-29191 #	p 515	N83-29193* #	p 515	N83-29955 #	p 567	N83-30532 #	p 636
N83-25829 #	p 470	N83-29192 #	p 515	N83-29194 #	p 515	N83-30060* #	p 569	N83-30533 #	p 636
N83-25854* #	p 470	N83-29193* #	p 515	N83-29195 #	p 515	N83-30061* #	p 569	N83-30534 #	p 636
N83-25904 #	p 471	N83-29194 #	p 515	N83-29196 #	p 516	N83-30062* #	p 569	N83-30535 #	p 636
N83-25919 #	p 475	N83-29195 #	p 515	N83-29197* #	p 528	N83-30165* #	p 572	N83-30536 #	p 636
N83-25929 #	p 476	N83-29196 #	p 516	N83-29198* #	p 528	N83-30355 #	p 576	N83-30537 #	p 636
N83-25934 #	p 476	N83-29197* #	p 528	N83-29199 #	p 528	N83-30356 #	p 576	N83-30548* #	p 637
N83-25935 #	p 476	N83-29198* #	p 528	N83-29200 #	p 528	N83-30357 #	p 576	N83-30551* #	p 637
N83-25938 #	p 476	N83-29201 #	p 529	N83-29202 #	p 529	N83-30360 #	p 603	N83-30552 #	p 637
N83-25939 #	p 476	N83-29203 #	p 529	N83-29204* #	p 531	N83-30361 #	p 603	N83-30553 #	p 637
N83-25948 #	p 476	N83-29205 #	p 531	N83-29206 #	p 531	N83-30362 #	p 603	N83-30554 #	p 637
N83-25990 #	p 477	N83-29207 #	p 531	N83-29208* #	p 537	N83-30363 #	p 603	N83-30555 #	p 637
N83-26023 #	p 477	N83-29209 #	p 537	N83-29210* #	p 537	N83-30364 #	p 603	N83-30556 #	p 637
N83-26080* #	p 477	N83-29211* #	p 538	N83-29212* #	p 538	N83-30365 #	p 604	N83-30557 #	p 637
N83-26081* #	p 477	N83-29213* #	p 538	N83-29214* #	p 553	N83-30366 #	p 604	N83-30558 #	p 637
N83-26082* #	p 477	N83-29216* #	p 562	N83-29217* #	p 562	N83-30367 #	p 604	N83-30559 #	p 637

## ACCESSION NUMBER INDEX

## N83-37028

N83-30717 #	p 607	N83-31608 #	p 629	N83-32805 #	p 684	N83-34108 #	p 701	N83-36022 #	p 733
N83-30718 #	p 629	N83-31609 #	p 630	N83-32809 #	p 684	N83-34109 #	p 701	N83-36023 #	p 733
N83-30721 #	p 629	N83-31610 #	p 632	N83-32810 #	p 684	N83-34110 #	p 680	N83-36024 #	p 734
N83-30729 #	p 644	N83-31611 #	p 632	N83-32811 #	p 684	N83-34118 #	p 701	N83-36025 #	p 734
N83-30758 #	p 644	N83-31612 #	p 632	N83-32812 #	p 685	N83-34180 #	p 701	N83-36026 #	p 734
N83-30769 #	p 607	N83-31613 #	p 632	N83-32813 #	p 690	N83-34185 #	p 701	N83-36027 #	p 734
N83-30774 #	p 632	N83-31614 #	p 633	N83-32815 #	p 690	N83-34186 #	p 702	N83-36028 #	p 736
N83-30790 #	p 607	N83-31615 #	p 633	N83-32980 #	p 706	N83-34192 #	p 702	N83-36029 #	p 748
N83-30796 #	p 607	N83-31616 #	p 633	N83-33001 #	p 698	N83-34223 #	p 702	N83-36031 #	p 748
N83-30813 #	p 644	N83-31653 #	p 633	N83-33014 #	p 698	N83-34226 #	p 702	N83-36032 #	p 749
N83-30895 #	p 645	N83-31658 #	p 633	N83-33016 #	p 698	N83-34241 #	p 702	N83-36033 #	p 749
N83-30905 #	p 645	N83-31659 #	p 633	N83-33035 #	p 698	N83-34278 #	p 702	N83-36034 #	p 749
N83-30921 #	p 645	N83-31729 #	p 638	N83-33160 #	p 698	N83-34304 #	p 702	N83-36035 #	p 749
N83-30957 #	p 645	N83-31730 #	p 638	N83-33169 #	p 699	N83-34313 #	p 703	N83-36036 #	p 749
N83-30959 #	p 645	N83-31734 #	p 638	N83-33173 #	p 699	N83-34356 #	p 703	N83-36037 #	p 752
N83-30960 #	p 645	N83-31735 #	p 638	N83-33182 #	p 699	N83-34357 #	p 703	N83-36038 #	p 754
N83-30967 #	p 645	N83-31752 #	p 638	N83-33189 #	p 699	N83-34372 #	p 703	N83-36040 #	p 754
N83-30968 #	p 646	N83-31795 #	p 638	N83-33190 #	p 699	N83-34387 #	p 703	N83-36041 #	p 754
N83-30997 #	p 646	N83-31824 #	p 639	N83-33194 #	p 699	N83-34514 #	p 704	N83-36042 #	p 754
N83-31022 #	p 646	N83-31912 #	p 647	N83-33201 #	p 699	N83-34591 #	p 705	N83-36118 #	p 759
N83-31028 #	p 646	N83-31916 #	p 647	N83-33202 #	p 700	N83-34598 #	p 705	N83-36227 #	p 759
N83-31061 #	p 646	N83-31931 #	p 648	N83-33209 #	p 700	N83-34656 #	p 705	N83-36248 #	p 759
N83-31062 #	p 646	N83-32031 #	p 648	N83-33214 #	p 700	N83-34713 #	p 707	N83-36249 #	p 759
N83-31163 #	p 649	N83-32071 #	p 648	N83-33233 #	p 700	N83-34822 #	p 707	N83-36312 #	p 765
N83-31165 #	p 649	N83-32095 #	p 648	N83-33234 #	p 700	N83-34832 #	p 686	N83-36338 #	p 765
N83-31169 #	p 649	N83-32387 #	p 652	N83-33591 #	p 705	N83-34836 #	p 703	N83-36352 #	p 766
N83-31177 #	p 612	N83-32397 #	p 652	N83-33641 #	p 705	N83-34838 #	p 687	N83-36372 #	p 766
N83-31178 #	p 646	N83-32401 #	p 652	N83-33677 #	p 706	N83-34844 #	p 708	N83-36396 #	p 766
N83-31188 #	p 612	N83-32408 #	p 652	N83-33680 #	p 706	N83-34882 #	p 708	N83-36399 #	p 749
N83-31189 #	p 607	N83-32517 #	p 653	N83-33682 #	p 706	N83-34885 #	p 712	N83-36401 #	p 766
N83-31190 #	p 586	N83-32518 #	p 653	N83-33684 #	p 706	N83-34886 #	p 712	N83-36499 #	p 766
N83-31192 #	p 586	N83-32575 #	p 653	N83-33687 #	p 707	N83-34888 #	p 712	N83-36509 #	p 766
N83-31193 #	p 586	N83-32667 #	p 654	N83-33792 #	p 708	N83-34889 #	p 712	N83-36570 #	p 767
N83-31194 #	p 646	N83-32677 #	p 654	N83-33800 #	p 708	N83-34890 #	p 712	N83-36592 #	p 767
N83-31195 #	p 586	N83-32708 #	p 658	N83-33823 #	p 658	N83-34891 #	p 712	N83-36593 #	p 767
N83-31196 #	p 586	N83-32709 #	p 658	N83-33829 #	p 668	N83-34892 #	p 735	N83-36595 #	p 767
N83-31199 #	p 647	N83-32710 #	p 658	N83-33840 #	p 704	N83-34895 #	p 735	N83-36598 #	p 768
N83-31200 #	p 649	N83-32711 #	p 658	N83-33841 #	p 658	N83-34897 #	p 735	N83-36615 #	p 768
N83-31201 #	p 649	N83-32712 #	p 692	N83-33843 #	p 665	N83-34898 #	p 735	N83-36649 #	p 770
N83-31207 #	p 586	N83-32713 #	p 692	N83-33846 #	p 666	N83-34899 #	p 736	N83-36851 #	p 770
N83-31208 #	p 587	N83-32714 #	p 692	N83-33848 #	p 666	N83-34900 #	p 751	N83-36852 #	p 770
N83-31210 #	p 587	N83-32715 #	p 698	N83-33852 #	p 666	N83-34901 #	p 732	N83-36988 #	p 770
N83-31211 #	p 587	N83-32716 #	p 692	N83-33854 #	p 666	N83-34906 #	p 718	N83-37015 #	p 771
N83-31212 #	p 647	N83-32729 #	p 690	N83-33856 #	p 666	N83-34913 #	p 718	N83-37028 #	p 771
N83-31213 #	p 632	N83-32730 #	p 698	N83-33859 #	p 669	N83-34920 #	p 720		
N83-31214 #	p 587	N83-32733 #	p 683	N83-33860 #	p 669	N83-34921 #	p 720		
N83-31215 #	p 647	N83-32734 #	p 693	N83-33861 #	p 669	N83-34922 #	p 720		
N83-31220 #	p 587	N83-32739 #	p 690	N83-33862 #	p 669	N83-34923 #	p 721		
N83-31221 #	p 587	N83-32740 #	p 662	N83-33864 #	p 669	N83-34924 #	p 721		
N83-31222 #	p 588	N83-32741 #	p 690	N83-33870 #	p 674	N83-34926 #	p 721		
N83-31223 #	p 632	N83-32742 #	p 658	N83-33875 #	p 679	N83-34927 #	p 721		
N83-31224 #	p 588	N83-32744 #	p 662	N83-33876 #	p 679	N83-34930 #	p 724		
N83-31230 #	p 588	N83-32745 #	p 662	N83-33877 #	p 679	N83-34932 #	p 724		
N83-31231 #	p 649	N83-32746 #	p 662	N83-33878 #	p 679	N83-34934 #	p 733		
N83-31233 #	p 651	N83-32747 #	p 663	N83-33879 #	p 679	N83-34935 #	p 733		
N83-31234 #	p 629	N83-32751 #	p 663	N83-33880 #	p 679	N83-34936 #	p 733		
N83-31236 #	p 588	N83-32752 #	p 663	N83-33881 #	p 680	N83-34937 #	p 733		
N83-31240 #	p 588	N83-32753 #	p 663	N83-33882 #	p 682	N83-34938 #	p 733		
N83-31241 #	p 647	N83-32755 #	p 663	N83-33883 #	p 682	N83-34939 #	p 733		
N83-31242 #	p 588	N83-32756 #	p 663	N83-33884 #	p 685	N83-34940 #	p 736		
N83-31243 #	p 653	N83-32759 #	p 663	N83-33885 #	p 685	N83-34941 #	p 746		
N83-31244 #	p 653	N83-32760 #	p 664	N83-33886 #	p 685	N83-34942 #	p 746		
N83-31245 #	p 653	N83-32761 #	p 664	N83-33887 #	p 685	N83-34944 #	p 747		
N83-31519 #	p 654	N83-32762 #	p 664	N83-33889 #	p 685	N83-34945 #	p 747		
N83-31569 #	p 577	N83-32763 #	p 664	N83-33890 #	p 686	N83-34946 #	p 747		
N83-31571 #	p 577	N83-32764 #	p 664	N83-33891 #	p 686	N83-34947 #	p 747		
N83-31573 #	p 577	N83-32768 #	p 664	N83-33892 #	p 686	N83-34948 #	p 747		
N83-31574 #	p 577	N83-32769 #	p 664	N83-33893 #	p 686	N83-34949 #	p 747		
N83-31576 #	p 583	N83-32770 #	p 665	N83-33894 #	p 686	N83-34950 #	p 747		
N83-31577 #	p 583	N83-32772 #	p 665	N83-33896 #	p 688	N83-34951 #	p 748		
N83-31578 #	p 583	N83-32773 #	p 665	N83-33898 #	p 688	N83-34952 #	p 748		
N83-31579 #	p 584	N83-32776 #	p 665	N83-33899 #	p 688	N83-34953 #	p 748		
N83-31580 #	p 584	N83-32777 #	p 665	N83-33900 #	p 688	N83-34954 #	p 751		
N83-31582 #	p 584	N83-32780 #	p 665	N83-33902 #	p 688	N83-34955 #	p 751		
N83-31586 #	p 589	N83-32781 #	p 665	N83-33904 #	p 688	N83-34957 #	p 754		
N83-31587 #	p 589	N83-32782 #	p 668	N83-33905 #	p 688	N83-34959 #	p 754		
N83-31588 #	p 589	N83-32783 #	p 668	N83-33906 #	p 690	N83-35162 #	p 758		
N83-31589 #	p 589	N83-32784 #	p 674	N83-33908 #	p 690	N83-35163 #	p 758		
N83-31590 #	p 593	N83-32785 #	p 674	N83-33909 #	p 691	N83-35165 #	p 758		
N83-31591 #	p 593	N83-32786 #	p 674	N83-33911 #	p 691	N83-35318 #	p 765		
N83-31592 #	p 594	N83-32787 #	p 677	N83-33955 #	p 693	N83-35404 #	p 765		
N83-31593 #	p 594	N83-32788 #	p 677	N83-33957 #	p 693	N83-35416 #	p 765		
N83-31594 #	p 607	N83-32789 #	p 677	N83-33958 #	p 693	N83-35426 #	p 765		
N83-31595 #	p 607	N83-32790 #	p 677	N83-33959 #	p 693	N83-35843 #	p 771		
N83-31596 #	p 608	N83-32791 #	p 678	N83-33960 #	p 693	N83-35992 #	p 713		
N83-31597 #	p 608	N83-32792 #	p 678	N83-33961 #	p 693	N83-35993 #	p 713		
N83-31598 #	p 608	N83-32793 #	p 678	N83-33962 #	p 693	N83-36000 #	p 718		
N83-31599 #	p 608	N83-32794 #	p 678	N83-33963 #	p 694	N83-36002 #	p 718		
N83-31600 #	p 608	N83-32796 #	p 678	N83-34067 #	p 694	N83-36006 #	p 718		
N83-31601 #	p 608	N83-32797 #	p 678	N83-34068 #	p 694	N83-36007 #	p 718		
N83-31602 #	p 612	N83-32798 #	p 678	N83-34071 #	p 694	N83-36008 #	p 721		
N83-31603 #	p 617	N83-32799 #	p 679	N83-34095 #	p 700	N83-36009 #	p 721		
N83-31604 #	p 618	N83-32800 #	p 679	N83-34096 #	p 700	N83-36010 #	p 721		
N83-31605 #	p 618	N83-32801 #	p 682	N83-34098 #	p 680	N83-36011 #	p 721		
N83-31606 #	p 618	N83-32802 #	p 682	N83-34099 #	p 680	N83-36012 #	p 721		
N83-31607 #	p 629	N83-32803 #	p 684	N83-34101 #	p 701	N83-36013 #	p 722		
		N83-32804 #	p 684	N83-34104 #	p 701	N83-36014 #	p 722		
						N83-36015 #	p 722		



# AERONAUTICAL ENGINEERING

## A CONTINUING BIBLIOGRAPHY

Abstracts  
January — December 1983

### TABLE OF CONTENTS

<i>SP-7037 Supplement</i>	<i>Page</i>
158 .....	1
159 .....	75
160 .....	127
161 .....	185
162 .....	241
163 .....	311
164 .....	371
165 .....	415
166 .....	489
167 .....	575
168 .....	657
169 .....	709

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